Limited Site Investigation

Former Flint Oil Property

APN 116-23-2070

HISTORICALLY KNOWN AS 500 WEST SIMPSON STREET

Tucson, Pima County, Arizona

June 25, 2020

Terracon Project No. 63207052

Prepared for:

City of Tucson Environmental and General Services
Tucson, Arizona

Prepared by:

Terracon Consultants, Inc.
Tucson, Arizona

June 25, 2020

Terracon

City of Tucson Environmental and General Services
4004 South Park Avenue, Building 1
Tucson, Arizona 85714

Attn: Ms. Gira Patel
P: (520) 837-3742
E: Gira.Patel@tucsonaz.gov

Re: Limited Site Investigation
Former Flint Oil Property
APN 116-123-2070
Historically Known As 500 West Simpson Street
Tucson, Pima County, Arizona 85701
Terracon Project No. 63207052

Dear Ms. Patel:

Terracon Consultants, Inc. (Terracon) is pleased to submit this Limited Site Investigation (LSI) Report for the above referenced site to the City of Tucson Environmental and General Services. The report presents data from recent field activities that included the completion of soil borings and the collection of soil and soil vapor samples for chemical analysis. Field services at the site were performed in general accordance with Terracon Proposal No. P63207052, dated March 27, 2020. The LSI was authorized by the Notice to Proceed issued by City of Tucson Environmental and General Services Department on April 3, 2020.

We appreciate the opportunity to provide environmental engineering services to City of Tucson Environmental and General Services Department. Should you have any questions or require additional information, please do not hesitate to contact our office.

Sincerely,

Terracon

Briana D. Li-Vidal, GIT
Staff Geologist

Kevin R. Saylor
Senior Environmental Engineer

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1.0 INTRODUCTION

1.1 Site Description

Site Name	Former Flint Oil Property
Site Address	APN 116-23-2070 (*Historically known as 500 West Simpson Street*)
Land Area	Approximately 1.29 acres
Site Improvements	The site is developed with an approximate 575-square foot office building within the northeast portion. The remainder of the site is improved with a chain-link fence surrounding the northern three-fourths of the site and the southern quarter is vacant.

1.2 Background Information

Terracon prepared a Phase I Environmental Site Assessment (ESA) for the site (Terracon Project No. 63207024, dated March 19, 2020) which indicated the site is comprised of one parcel (APN 116-23-2070) and covers approximately 1.29 acres. The site is developed with an approximate 575-square foot building. The remainder of the site is improved with a chain-link fence surrounding the northern three-fourths of the site and the southern quarter is vacant. At the time of the site reconnaissance, the office building was unoccupied and personnel from Southwest Hazard Control were performing various maintenance work on the site, such as bee extermination within the building and vegetation control.

Based on a review of available historical information, the Phase I ESA identified that the site was deeded to Southern Pacific Company (later, the Union Pacific Company) in 1879 by the City of Tucson until 2002 when the City of Tucson became the owners of the site. As early as 1925, the site had been occupied by multiple bulk distributors of oil, fuel, and other related products: Rio Grande Oil Company, The Texas Co, ARCO, Shell Oil, Shell Wholesale, and Flint Oil. Numerous ASTs ranging in size from approximately 1,000 to 34,000 gallons and drums containing gasoline, diesel fuel, kerosene, and solvents have been stored at the site over the years. The ASTs and drums were removed by 2007 and by 2010 the site was vacant with the exception of the office building located along the east boundary.

According to previous environmental investigations and reports, the site soil was contaminated with arsenic, lead, cadmium, and polycyclic aromatic hydrocarbons (PAHs) as a result of previous operations at the site.

The Phase I ESA identified the following Recognized Environmental Conditions (RECs):

- **REC 1: Historical Bulk Oil/Fuel Distributing Operations**
  The operations of the multiple oil/fuel distributing facilities at the site from approximately the mid-1920s until the mid-2000s.

- **REC 2: Contaminated Site Soil**
  According to the 2017 Brownfields Site Assessment Summary (BSAS) report prepared by SCS Engineers (SCS), contaminated site soil from the previous bulk oil/fuel distributing facilities remains at the site. Contaminants of concern included hydrocarbons, PAHs, and Resource Conservation and Recovery Act (RCRA) metals.

- **REC 3: Potential Vapor Encroachment Condition (VEC)**
  Based on previous bulk oil/fuel distributing operations at the site and north adjoining property and the results of environmental investigation performed by SCS, hydrocarbons and PAHs above State of Arizona Soil Remediation Levels (SRLs) are present at the site and are suspected to be present at the north adjoining property.

- **REC 4: Potential or Historical Septic System**
  Terracon did not identify information regarding whether a potential septic system was at the site and/or if it was connected to floor drains or similar features in the vicinity of oil storage.

Based on these RECs, Terracon performed a subsurface soil and soil gas investigation to identify potential impacts at the site, if any. Terracon understands that the client intends to enter the site into the Arizona Department of Environmental Quality (ADEQ) Voluntary Remediation Program (VRP), or similar program, and will seek to obtain a No Further Action (NFA) determination for the site. As such, the investigation was designed to attempt to satisfy the investigative requirements set forth by the VRP.

1.3 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions, or recommendations. Terracon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report. These services were performed in accordance with the scope of work agreed with you, our client, as set forth in our proposal, and were not intended to be in strict conformance with ASTM E 1903-11.

1.4 Additional Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this investigation. Subsurface conditions

may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.5 Reliance

This LSI Report has been prepared for the exclusive use and reliance of City of Tucson Environmental & General Services and Tucson Housing and Community Development. Use or reliance by any other party is prohibited without the written authorization of the client and Terracon. Reliance on the LSI by the client and all authorized parties will be subject to the terms, conditions, and limitations stated in the Authorization Agreement, sections of this proposal incorporated therein, the Reliance Agreement, and the LSI report. The defined contractual limitation of liability is the aggregate limit of Terracon's liability to the client and all relying parties.

1.6 Conflict Certification

Terracon has no present or contemplated future ownership interest or financial interest in the real estate that is the subject of this LSI Report, no interest with respect to the subject matter of the LSI Report or the parties involved, and no relationship with the property or the owners thereof which would prevent an independent analysis of the environmental conditions of the property.

2.0 OBJECTIVES AND SCOPE

The objective of the scope of work (SOW) outlined in this section was to further evaluate the identified RECs and to aid in the characterization of site soil for future remediation, with the understanding that the client will likely enter the site into the ADEQ VRP or similar program. Soil samples and soil gas samples were collected and analyzed.

The detected subsurface soil results were compared to applicable ADEQ SRLs and Groundwater Protection Limits (GPLs), and EPA Regional Screening Levels (RSLs) for PCBs. The detected soil gas sample results were compared to screening concentrations calculated using the U.S. EPA's November 2019 Vapor Intrusion Screening Level (VISL) Calculator that lists chemicals considered to be volatile and sufficiently toxic through the inhalation pathway; and provides VISLs for groundwater, soil gas and indoor air, which are generally recommended, media-specific, risk-based screening-level concentrations.

It is our understanding that the client would not be seeking a NFA determination for groundwater at the site. As such, groundwater was not sampled as part of the scope of work for this investigation.

3.0 FIELD ACTIVITIES

Terracon's scope of work is outlined in this section of the LSI Report. In summary, Terracon advanced 24 soil borings from which 228 soil samples were collected (including 11 duplicate samples). Additionally, fifteen soil gas samples were collected (including 3 duplicate samples) from six of the soil borings at depths of 5 feet and 20 feet bgs.

Per VRP requirements, the site was divided into approximate 0.2- to 0.25-acre Decision Units (DUs), for a total of 6 DUs. Four soil borings were advanced within each decision unit based on historical on-site operations and previous assessment data identified in the Phase I ESA. Boring locations and DU boundaries are shown on Exhibit 2 in Appendix A.

3.1 Underground Utility Location

Prior to conducting the field investigation, Terracon contacted Arizona 811 to arrange for public underground utility locates at the site. In addition, Terracon subcontracted Subterra, a private utility locating firm, to identify on-site private utilities. Based on the results of the private and public utility locates, Terracon was able to advance the borings in very close proximity to the proposed locations.

3.2 Soil Gas Assessment

Terracon performed the soil gas investigation on April 6 and April 7, 2020, to assess potential impacts from historical on-site and off-site oil/fuel distributing facilities and an off-site historical up-gradient municipal fueling island. Soil gas samples were collected concurrently with soil samples from six of the soil borings at depths of 5 feet and 20 feet bgs. Soil gas sample locations are shown on Exhibit 2 in Appendix A.

Borings were advanced using a CME-75 drill rig with continuous-flight hollow-stem augers. Drilling services were performed by Geomechanics Southwest, Inc. (GSI); a State of Arizona licensed driller, under the supervision of Terracon field personnel. The sampling points were designated SG-1 through SG-6.

In six of the soil borings, a SimulProbe® core-barrel was used at 5 feet and 20 feet bgs to collect a soil gas sample. Once the boring was advanced to 5 feet, the SimulProbe® core-barrel was driven into the soil to collect a simultaneous soil gas and soil core sample. After approximately 20 to 30 minutes of equilibration time, the core-barrel was raised two inches, revealing a probe connected to polyethylene tubing extended to the surface.

Prior to soil gas sample collection and without removing the core-barrel, the sampling train was tested for leaks using a plastic shroud filled with helium tracer gas. Approximately three sample train volumes were purged from the soil gas implant using a peristaltic pump and Tedlar® bags while exposed to the helium tracer gas. These volumes were tested for the presence of helium

with a Helium meter (Dielectric® MGD-2002) to confirm the tightness of the sample train.

At that time, a soil gas sample was collected into laboratory cleaned and batch certified stainless steel 1-liter Summa canisters equipped with 200 milliliters per minute (mL/min) low-flow regulators. The canister vacuums were recorded upon initiation of sample collection, after sample collection, and after receipt by the laboratory. After collection of the sample at 5 feet bgs, the process was repeated at 20 feet bgs.

Soil gas samples were collected from the soil gas implant by opening the flow regulator valve and noting the beginning vacuum pressure on the regulator gauge for the Summa canister. Sampling continued until the vacuum pressure on the regulator gauge was near 3 pounds per square inch (psi). At that time the flow regulator was closed. Sampling times were approximately five minutes.

Upon completion of soil gas sample collection, the Summa canisters were closed, secured, and appropriately labeled with pertinent sample information.

Soil gas samples were designated as follows: SG-#-*

Where: # - denotes boring number (unique chronological order for borings)
* - denotes depth (in feet bgs at which sample was collected)

The soil gas samples were submitted under proper chain of custody to Pace, an Arizona Department of Health Services (ADHS)-certified laboratory, to be analyzed for VOCs using EPA Method TO-15.

3.3 Subsurface Soil Sampling

Terracon's subsurface soil assessment was conducted on April 6, 2020, through April 14, 2020. Drilling services were performed by GSI using a CME-75 drill rig with continuous flight hollow-stem augers under the supervision of Terracon field personnel, and soil samples were collected using California modified split-spoon samplers. Samples were collected directly from the sampler and transferred into glassware provided by the analytical laboratory.

Samples for VOC analysis were retrieved from the sampler and preserved in the field with methanol in accordance with EPA Method 5035, as outlined in Section 3.4. Samples collected for PAH, PCB, and RCRA metals analysis were placed into a single 4-ounce (oz.) glass jar. The 4-oz. glass jars were filled to the top, with care taken to prevent soil from remaining in the lid threads prior to being closed to prevent potential contaminant migration to or from the sample. Soil samples were placed on ice in a cooler and submitted to the analytical laboratory under proper chain of custody procedures. While conducting drilling, Terracon operated and maintained a PID as outlined in Section 3.5.

Soil samples were designated as follows: SS-#-*

Where: # - denotes boring number (unique chronological order for borings)
* - denotes depth (in feet bgs at which sample was collected)

Prior to conducting sampling and between sampling events, Terracon used the decontamination procedures outlined in Section 3.7.

In summary, Terracon advanced 24 soil borings from which 228 soil samples were collected (including 11 duplicate soil samples, discussed in Section 3.5). Boring logs are provided in Appendix B.

GSI submitted a Notice of Intent (NOI) to Arizona Department of Water Resources (ADWR) and obtained the appropriate ADWR permit for borings SS-3 and SS-12, which were terminated after encountering groundwater at approximately 75 feet bgs. The well completion report, which contains the NOI and ADWR Permit, is provided in Appendix E.

3.4 Methanol Preservation

Samples collected for VOC analysis were preserved in the field using methanol. Approximately 5 grams of soil was removed directly from the sampler upon retrieval using a Terracore® sampler. The sample was placed into a 40-milliliter (mL) volatile organic analysis (VOA) sample vial containing methanol and caution was taken not to spill the methanol or get soil particles on the rim of the sample vial. The sample was gently agitated such that the soil was completely immersed in the methanol.

3.5 Field Quality Control Samples

The following field quality control samples were collected:

- Equipment rinsate blank samples to assess for potential field contamination associated with the soil samples
- Field blank samples to assess for potential field contamination associated with the soil gas samples
- Duplicate samples to assess for field variability associated with soil and soil gas samples

Equipment rinsate blank samples were collected by pouring deionized water through a decontaminated split-spoon soil sampler used during that day into laboratory-supplied containers. One equipment rinsate blank sample was collected per day of soil sampling, for a total of seven equipment rinsate blank samples. The equipment rinsate blank samples were submitted to the laboratory for analysis of PAHs, VOCs, 8 RCRA Metals, and PCBs.

One field blank sample was collected as an ambient air sample upwind of soil gas sample

locations. The field blank sample was submitted to the laboratory for analysis of VOCs.

Although requested, trip blanks were not included in the cooler shipments from the laboratory. Therefore, analysis of trip blanks was not performed as part of the field quality assessment.

Approximately one field duplicate per 20 soil samples was collected, for a total of 11 duplicate soil samples. The duplicate samples were collected simultaneously with a standard sample from the same source and placed into separate sample containers. The duplicate soil samples were given unique sample IDs and submitted to the laboratory for analysis of PAHs, VOCs, 8 RCRA Metals, and PCBs. One duplicate soil gas sample was collected per day of soil gas sampling, for a total of 3 duplicate soil gas samples. The duplicate soil gas samples were collected by using a t-fitting to collect a split sample simultaneously with the standard sample.

3.6 Photoionization Detector

During field operations, Terracon field personnel operated and maintained a photoionization detector (PID). While collecting samples for laboratory analysis, additional soil was bagged and screened with the PID, and those readings were recorded.

Elevated PID readings (>50 ppm) were encountered in soil borings SS-12, SS-13, and SS-18. PID readings in SS-12 ranged from 11.2 ppm to 1,046 ppm, with the highest concentration occurring at 45 feet bgs. PID readings in SS-13 ranged from 8.9 ppm to 301.4 ppm, with the highest concentration occurring at 35 feet bgs. PID readings in SS-18 ranged from 9.5 ppm to 143.6 ppm, with the highest concentration occurring at 10 feet bgs. Due to the elevated PID readings and/or observed staining and odors, drilling continued in borings SS-12 and SS-13 past the proposed 40 feet bgs. SS-12 was terminated at 75 feet bgs due to encountering groundwater, and SS-13 was terminated at 55 feet bgs based on three consecutive PID readings below 50 ppm. Measured PID readings are recorded on the Boring Logs in Appendix B.

3.7 Decontamination Procedures

Decontamination procedures were conducted in accordance with ASTM D5088-15a, Standard Practice for Decontamination of Field Equipment Used at Waste Sites. Non-dedicated sampling equipment was cleaned using an Alconox® detergent wash and a double distilled water rinse at the commencement of field work and between sample collection events.

3.8 Investigation-Derived Waste (IDW)

Soil cuttings from borings SS-3 and SS-12, which encountered groundwater and were backfilled with bentonite grout, were placed in 55-gallon drums and disposed at an appropriately-licensed landfill in accordance with all local, state, and federal regulations based on laboratory analytical results. A well completion report was submitted to ADWR for SS-3 and SS-12. Otherwise, soil cuttings were returned to the borings and excess soils were dispersed on the site grounds.

Decontamination fluids were emptied on-site and allowed to evaporate. Disposable personal protective equipment (PPE) and equipment used during the course of the investigation and in the collection of samples was deemed non-hazardous and disposed of in a municipal garbage receptacle.

The waste disposal manifest and the well completion report are provided in Appendix E.

4.0 ANALYTICAL LABORATORY PROGRAM

Soil samples were submitted to Pace Analytical of Mt. Juliet, Tennessee, an ADHS-licensed analytical laboratory (ADHS License AZ0612), under proper chain of custody (COC) protocol. The laboratory analytical report and COC record are included in Appendix D. The table below provides a brief summary of the samples submitted for analysis:

Analysis	Sample Type	Number of Samples	EPA Laboratory Method
VOCs	Air *(Incl. duplicates and field blank)*	16	Method TO-15
PAHs	Soil *(Incl. duplicates)*	228	Method 8270C-SIM
PCBs	Soil *(Incl. duplicates)*	228	Method 8082A
VOCs	Soil *(Incl. duplicates)*	228	Method 8260B
8 RCRA Metals	Soil *(Incl. duplicates)*	228	Method 6010D/7471B
PAHs	Water *(Rinsate Blank)*	7	Method 8270C-SIM
PCBs	Water *(Rinsate Blank)*	7	Method 8082A
VOCs	Water *(Rinsate Blank)*	7	Method 8260B
8 RCRA Metals	Water *(Rinsate Blank)*	7	Method 6010D/7470A

5.0 SAMPLING RESULTS AND EVALUATION

Tables 1 and 2 (Appendix C) summarize the laboratory analytical results for soil gas samples and soil samples, respectively. Both soil and soil gas sample locations are shown on Exhibit 2 (Appendix A).

The data tables include regulatory screening and action levels for comparison. The regulatory screening levels used for soil vapors are the EPA's November 2019 Target Sub-Slab and Near Source Soil Gas Concentration VISLs at residential sites assuming a target risk for carcinogens

(TRC) of $1.0x10^{-6}$ and a target hazard quotient (THQ) for all chemical constituents of 0.1. Soil sample results were compared to applicable ADEQ SRLs, GPLs, and to EPA RSLs for PCBs. As it is Terracon's understanding that the site may be used for residential purposes, the VISLs and SRLs for both commercial and residential use are shown in the tables.

5.1 Site Observations

Soils at the site generally consisted of alternating layers of silty sand, clayey sand, sand with gravel, and sandy clay. Minor amounts of black staining were observed in soil borings SS-1, SS-6, and SS-10 at approximately 30 feet bgs, and in soil boring SS-12 at approximately 40 feet bgs. Moderate odors were observed in soil boring SS-12 from 40 feet to 75 feet bgs, and weak to moderate odors were observed in soil boring SS-13 from 35 to 55 feet bgs. Groundwater was encountered in borings SS-3 and SS-12 at approximately 75 feet bgs. Boring logs are provided in Appendix B.

5.2 Analytical Results

5.2.1 Soil Gas

The soil gas samples were analyzed for VOCs. A summary of soil gas constituents compared to EPA VISLs is provided in Exhibit 3 (Appendix A) and Table 1 (Appendix C).

Based on the laboratory analytical results, concentrations of the VOCs benzene, 1,3-butadiene, ethylbenzene, methyl butyl ketone, naphthalene, and/or 2-propanol were detected above residential EPA VISLs in soil gas samples SG-1-5 (and its duplicate), SG-1-20, SG-2-5, SG-2-20, SG-3-5, SG-3-20, SG-4-5 (and its duplicate), SG-5-5, and SG-5-20. Soil gas sample SG-2-20 contained a concentration of naphthalene and soil gas sample SG-3-5 contained a concentration of 1,3-butadiene above the commercial EPA VISLs. Soil gas samples SG-4-20, SG-6-5 (and its duplicate), and SG-6-20 did not contain concentrations of VOCs above EPA VISLs.

The ambient air sample that was collected as a field blank did not contain concentrations of VOCs above EPA VISLs. Furthermore, the VOCs that were detected above the EPA VISLs in the soil gas samples were not detected at concentrations above the laboratory reporting limit in the ambient air sample.

As noted above, Terracon compared the reported concentrations of the above constituents identified in the soil gas samples collected at the site to EPA's VISLs. The primary purpose of the VISL calculator is to assist site managers and risk assessors in determining, based on an initial comparison of site data against the VISLs: whether or not chemicals found in groundwater or soil gas pose a significant health risk through vapor intrusion; and, if so, whether a site-specific vapor intrusion investigation is warranted. The target sub-slab and exterior soil gas concentrations for this project were calculated using a TCR of $1x10^{-6}$ based on the prescribed risk utilized in EPA vapor intrusion guidance for screening evaluations for residential properties and a THQ of 0.1. It

is noted that the ADEQ does not have current published vapor screening risk levels to compare with the analytical results.

5.2.2 Surface and Subsurface Soils

The soil samples were analyzed PAHs, 8 RCRA Metals, PCBs, and VOCs. Soil sample locations are shown in Exhibit 2 (Appendix A). Based on the laboratory analytical results, concentrations of PCBs were not detected above the applicable analytical laboratory reported detection limits (RDLs) in the soil samples.

Concentrations of various metals, except for lead and arsenic, were detected above laboratory RDLs, but below GPLs and residential and non-residential SRLs. Lead was detected in sample SS-3-S above the residential SRL (rSRL) (400 milligrams per kilogram [mg/kg]) at a concentration of 467 mg/kg. This sample was subsequently analyzed for lead by the Toxicity Characteristic Leaching Procedure (TCLP). The TCLP analysis indicated that the concentration of leachable lead in the sample was 1.27 mg/l, which is below the RCRA maximum concentration for toxicity characteristic (5.0 mg/L) (see laboratory analytical report for Sample Delivery Group L1210436 in Appendix D).

Arsenic was detected at concentrations above the ADEQ rSRL and non-residential SRL (nrSRL) (10 milligrams per kilogram [mg/kg]) in soil samples SS-1-30, SS-6-30, SS-6-35, SS-7-35 (and its duplicate), SS-8-25, SS-8-35, SS-9-35, SS-11-25, SS-13-40, SS-17-S, SS-21-40, SS-22-35 (and its duplicate), SS-24-15 (and its duplicate), and SS-24-35. However, the detections of arsenic are within the expected range of background concentrations in the state. In 1991, The Earth Technology Corporation conducted a study for the ADEQ titled *Evaluation of Background Metals Concentrations in Arizona Soils*. The study found that arsenic levels in soil samples collected ranged from 3.1 mg/kg to 24 mg/kg, with an average background concentration in the Basin and Range Physiographic Province of 12.7 mg/kg. Metals are naturally occurring elements in soil. Furthermore, with a few exceptions, these elevated arsenic concentrations appear to occur within the same soil layer of well graded sand with gravel (see Boring Logs in Appendix B).

The PAH benzo(a)pyrene was detected in SS-2-S, SS-9-S, SS-11-S, and SS-22-S above the rSRL (0.069 mg/kg). Otherwise, concentrations of various PAHs were detected above the laboratory RDLs, but below GPLs, rSRLs and nrSRLs. Concentrations of various VOCs were detected above the laboratory RDLs, but below GPLs, rSRLs, and nrSRLs.

A summary of the results of the analytical data in each of the soil samples is provided on Exhibit 4 and Exhibit 5 in Appendix A and Table 2 in Appendix C. The analytical data is compared to the ADEQ rSRLs, nrSRLs, and GPLs, and the EPA RSLs for PCBs.

5.3 Quality Assurance / Quality Control Evaluation

5.3.1 Laboratory QA/QC

Sample holding times, maintenance of required preservation (temperature, light conditions), surrogate recovery, matrix-spike/matrix-spike duplicate, and laboratory control sample/laboratory control sample duplicates were evaluated against method criteria for data acceptability. No results requiring rejection were identified in the reporting of sampling results. Detailed information regarding laboratory quality control/quality assurance for the soil samples is reported in the Case Narrative of the analytical report by Pace Analytical, included in Appendix D.

5.3.2 Field QA/QC

Precision measures the reproducibility of repetitive measurements. It is strictly defined as the degree of mutual agreement among independent measurements as the result of repeated application of the sample process under similar conditions. Precision is evaluated by measuring the agreement among individual measurements of the same property under similar conditions. Duplicate results are assessed using the relative percent difference (RPD) between duplicate measurements. The RPD was calculated as follows:

$$\% \ RPD = \left(\frac{|X1 - X2|}{\overline{X}} \right) \times 100\%$$

Where: *X1* is the value of Sample 1
X2 is the value of Sample 2
$\overline{X}$ is the mean value of *X1* and *X2*

Field precision is measured through the collection and analysis of field duplicate samples. 11 soil duplicate samples and 3 soil gas duplicate samples were collected for analysis. In general, the target air and soil RPD is within 35% and 50%, respectively, of the original result.

RPD target values were not achieved in one or more analytes for 5 of the soil sample duplicates and for 1 of the soil gas sample duplicates; however, the variability observed does not appear to warrant rejection of the data.

Field accuracy was assessed through the analysis of field equipment blanks. Blank values must be less than the reporting limit for each target constituent or data will be qualified. 3 out of 7 equipment blanks contained barium above the laboratory reporting limit, and one of the equipment blanks contained phenanthrene above the laboratory reporting limit. As these analytes were not detected above ADEQ SRLs in the soil samples collected, this does not alter the conclusions of this report.

6.0 FINDINGS AND RECOMMENDATIONS

6.1 Findings

Based on the scope of services described in this report and subject to the limitations described herein, Terracon concludes the following:

- VOCs were detected in soil gas samples at concentrations above residential and commercial VISLs.
- Concentrations of PCBs were not reported above the applicable analytical laboratory RDLs in the soil samples collected.
- Concentrations of VOCs were reported above the analytical laboratory RDLs but below the ADEQ GPLs, rSRLs and nrSRLs in the soil samples collected.
- Benzo(a)pyrene was detected in soil samples SS-2-S, SS-9-S, SS-11-S, and SS-22-S above the ADEQ rSRL but below the nrSRL.
- Arsenic was detected in soil samples SS-1-30, SS-6-30, SS-6-35, SS-7-35 (and its duplicate), SS-8-25, SS-8-35, SS-9-35, SS-11-25, SS-13-40, SS-17-S, SS-21-40, SS-22-35 (and its duplicate), SS-24-15 (and its duplicate), and SS-24-35 at concentrations above the ADEQ rSRL and nrSRL, but within the expected range of background concentrations in the state.
- Lead was detected in soil sample SS-3-S at a concentration above the ADEQ rSRL, but below the nrSRL. TCLP analysis of this sample resulted in a concentration of lead below the RCRA maximum concentration for toxicity characteristic. Therefore, the soil would not be considered hazardous waste.

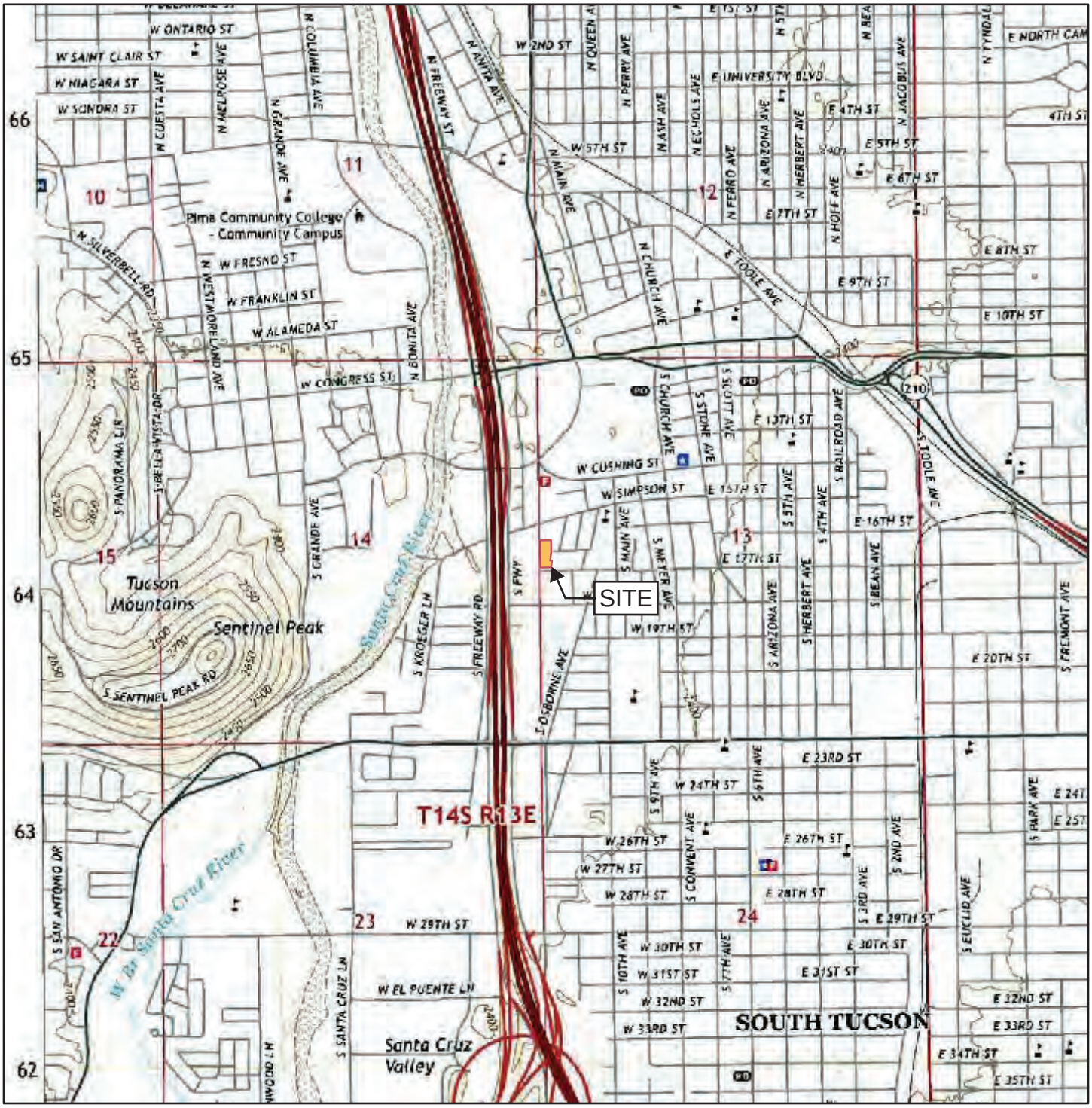
6.2 Recommendations

Terracon understands that the client intends to enter the site into the ADEQ VRP, or similar program, and will seek to obtain a NFA determination for the site. Terracon further understands that the future use of the site may include low-income residential development. Therefore, based on the scope of services described in this report and subject to the limitations described herein, Terracon recommends the following:

- The results of the VISL screening indicates that VOCs detected in soil gas samples collected are above relevant standards. As such, an engineered vapor mitigation system (VMS) should be incorporated into future buildings at the site. The specific VMS design would depend on the final construction plans for the site.

- The site should be enrolled in the VRP, or similar program, and a remedial action plan should be developed in collaboration with ADEQ that would meet the requirements of the selected program to obtain a NFA determination.

APPENDIX A
EXHIBITS



Feet

0 1,000 2,000 4,000

N

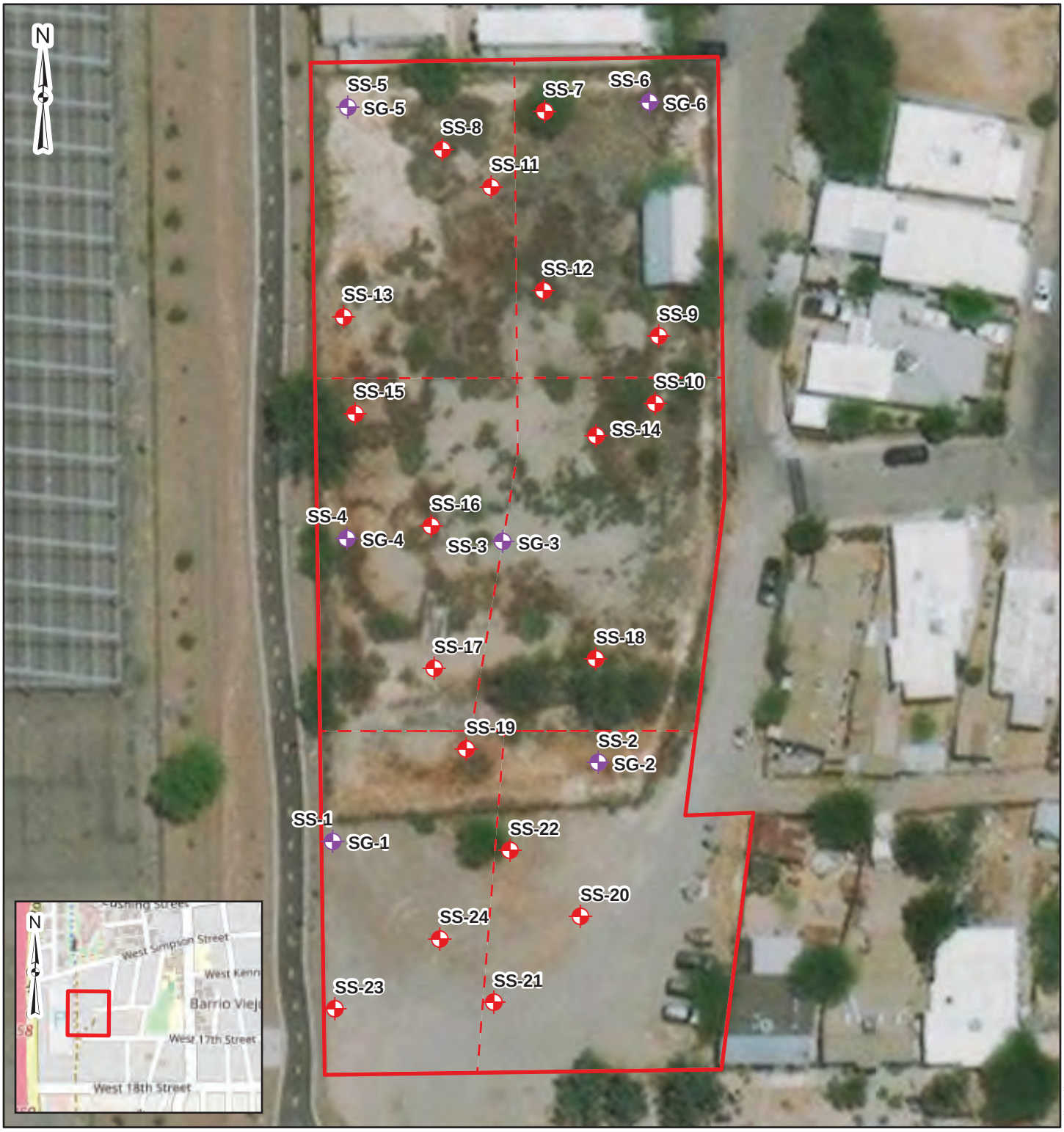
UNITED STATES DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY - 7.5 MINUTE SERIES

TUCSON, AZ

DATED 2018

Project No.: 63207052	Terracon	TOPOGRAPHIC MAP	Exhibit
Date: May 2020	355 S Euclid, Suite 107 Tucson, AZ 85719	Limited Site Investigation	1
Drawn By: BDL	PH. (520) 770-1789 terracon.com	Former Flint Oil Property APN 116-23-2070 Tucson, Arizona	
Reviewed By: KRS			

C:\GIS\63207052_FormerFlintOilProperty\63207052_FormerFlintOilProperty.aprx



Approximate Property Boundary

Decision Unit

Soil Boring and Soil Gas Sample

Soil Boring

Feet

0 25 50 100

Data Sources:
© OpenStreetMap (and) contributors, CC-BY-SA, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project No.:	63207052
Date:	May 2020
Drawn By:	BDL
Reviewed By:	KRS

Terracon

355 South Euclid, Suite 107 Tucson, AZ 85719

PH. (520) 770-1789 terracon.com

Site Diagram

Limited Site Investigation

Former Flint Oil Property
APN 116-23-2070
Tucson, Arizona

Exhibit

2

C:\GIS\63207052_FormerFlintOilProperty\63207052_FormerFlintOilProperty.aprx

Legend

- Exceeds commercial VISL
- Exceeds residential VISL
- Below VISLs

Notes:
Analytes which exceed the commercial VISL are listed in ALL CAPS. Other listed analytes exceed the residential VISL.

Where duplicates were collected, the greater of the two results is shown.

Feet
0 25 50 100

Data Sources:
© OpenStreetMap (and) contributors, CC-BY-SA, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project No.:	63207052
Date:	May 2020
Drawn By:	BDL
Reviewed By:	KRS

Terracon
355 South Euclid, Suite 107 Tucson, AZ 85719
PH. (520) 770-1789 terracon.com

Analytical Results - VOCs in Soil Gas

Limited Site Investigation

Former Flint Oil Property
APN 116-23-2070
Tucson, Arizona

Exhibit

3

C:\GIS\63207052_FormerFlintOilProperty\63207052_FormerFlintOilProperty.aprx

Legend

- Exceeds rSRL
- Below GPLs and SRLs

Feet
0 25 50 100

Data Sources:
© OpenStreetMap (and) contributors, CC-BY-SA, Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project No.: 63207052	Terracon 355 South Euclid, Suite 107 Tucson, AZ 85719 PH. (520) 770-1789 terracon.com	**Analytical Results - PAHs in Soil**	**Exhibit**
Date: May 2020		Limited Site Investigation	
Drawn By: BDL		Former Flint Oil Property APN 116-23-2070 Tucson, Arizona	**4**
Reviewed By: KRS			

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Legend

- Exceeds nrSRL
- Exceeds rSRL
- Below GPLs and SRLs

Feet
0 25 50 100

Data Sources:
© OpenStreetMap (and) contributors, CC-BY-SA, Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Project No.: 63207052	Terracon 355 South Euclid, Suite 107 Tucson, AZ 85719 PH. (520) 770-1789 terracon.com	**Analytical Results - Metals in Soil** Limited Site Investigation Former Flint Oil Property APN 116-23-2070 Tucson, Arizona	**Exhibit** **5**
Date: Jun 2020			
Drawn By: BDL			
Reviewed By: KRS			

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APPENDIX B
BORING LOGS

BORING LOG NO. SS-1

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND WITH GRAVEL (SM), fine grained, nonplastic, brown, dry, moderate cementation						1.2	SS-1-S
		5				15-11-12	1.0	SS-1-5
9.0	**SILTY SAND (SM)**, with clay, fine grained, nonplastic, brown with mottled gray, dry, weak cementation	10				12-15-19	30.9	SS-1-10
14.0	**SANDY ELASTIC SILT (MH)**, low plasticity, light brown, dry, weak cementation	15				11-14-17	23.6	SS-1-15
		20					43.6	SS-1-20
25.0	**SILTY SAND (SM)**, trace gravel, coarse grained, nonplastic, light brown, dry	25				7-8-9	32.5	SS-1-25
28.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, nonplastic, red and brown, moist, decomposed granite, some black staining	30				12-10-44	42.5	SS-1-30
		35			25	50/4"	36.6	SS-1-35
39.0								
40.0	**SANDY LEAN CLAY (CL)**, low to medium plasticity, brown, moist	40					28.0	SS-1-40

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-06-2020	Boring Completed: 04-06-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-1

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-2

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

GRAPHIC LOG	DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
		SILTY SAND (SM), trace gravel, fine grained, nonplastic, light brown, dry, moderate cementation						2.3	SS-2-S
			5				3-13-10	13.0	SS-2-5
	10.0	**SILTY SAND (SM)**, with clay, fine grained, nonplastic, light brown with mottled gray, dry, weak to moderate cementation	10				13-13-18	8.9	SS-2-10
	15.0	**SILTY SAND (SM)**, trace gravel, coarse grained, nonplastic, light brown, dry	15				10-12-15	9.2	SS-2-15
			20					21.2	SS-2-20
			25				9-8-11	18.5	SS-2-25
	30.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, nonplastic, red and brown, dry, decomposed granite	30				29-46-50/5"	23.9	SS-2-30
	35.0	**SANDY LEAN CLAY (CL)**, low to medium plasticity, brown, moist	35			5	23-25-24		
	40.0	medium plasticity, brown with mottled gray	40				6-15-50/5"	16.8	SS-2-40

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-06-2020	Boring Completed: 04-06-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-2

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-3

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), trace gravel, fine grained, nonplastic, light brown, dry, moderate cementation					1.0	SS-3-S
		5			11-8-10	4.3	SS-3-5
10.0	**SILTY SAND (SM)**, with clay, fine grained, nonplastic, light brown with mottled gray, dry, weak to moderate cementation	10			9-15-19	9.3	SS-3-10
15.0	**ELASTIC SILT WITH SAND (MH)**, low plasticity, light brown, dry	15			6-12-16	25.5	SS-3-15
19.0	**SILTY SAND (SM)**, trace gravel, coarse grained, nonplastic, light brown, dry	20				14.4	SS-3-20
		25			4-5-4	30.5	SS-3-25
		30		0	11-13-21		
35.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, brown, moist	35			12-14-19	38.4	SS-3-35
	with sand lenses, fine grained	40			10-40-50/4"	32.5	SS-3-40
		45			10-14-26	14.5	SS-3-45
50.0	trace gravel	50		50	50/4"	44.1	SS-3-50
		55			7-15-21	9.9	SS-3-55
60.0	**CLAYEY SAND WITH GRAVEL (SC)**, coarse grained, red and brown, moist, decomposed granite	60			36-50/4"	34.5	SS-3-60
		65			7-25-50/3"	19.7	SS-3-65
70.0	**SANDY LEAN CLAY (CL)**, trace gravel, fine to medium grained, medium plasticity, dark brown, moist	70			6-18-35	7.1	SS-3-70
74.0							
75.0	**SANDY LEAN CLAY WITH GRAVEL (CL)**, coarse grained, dark brown, wet	75			28-19-25	18.1	SS-3-75
	Boring Terminated at 75 Feet						

WATER LEVEL OBSERVATIONS

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with cement-bentonite grout upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

▽ *Depth of first groundwater*

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-06-2020	Boring Completed: 04-07-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-3

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-4

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND WITH GRAVEL (SM), fine grained, light brown, dry							SS-4-S
		5			50	11-8-12		SS-4-5
10.0	**SILTY SAND (SM)**, with clay and trace gravel, light brown, dry, weak cementation	10				11-15-19	7.2	SS-4-10
15.0	**SILTY SAND (SM)**, fine grained, light brown, dry, weak cementation	15				11-23-24	16.6	SS-4-15
	coarse grained	20				6-6-7	28.0	SS-4-20
		25				3-7-9	39.2	SS-4-25
30.0	**CLAYEY SAND WITH GRAVEL (SC)**, coarse grained, brown, moist	30			40	29-50/3"	37.2	SS-4-30
35.0	**SANDY LEAN CLAY (CL)**, fine grained, medium to high plasticity, brown with mottled gray, moist	35				13-23-16	25.1	SS-4-35
40.0	with sand lenses, brown	40				5-20-20	21.5	SS-4-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-07-2020	Boring Completed: 04-07-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-4

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-5

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), light brown, dry, weak to moderate cementation						4.5	SS-5-S
		5				6-8-8	9.9	SS-5-5
10.0	**SANDY LEAN CLAY (CL)**, low to medium plasticity, brown with mottled gray, dry, weak to moderate cementation	10				7-8-15	13.2	SS-5-10
		15				6-8-6	12.6	SS-5-15
20.0	**SILTY SAND (SM)**, fine grained, light brown, moist	20					1.6	SS-5-20
25.0	**SILTY SAND WITH GRAVEL (SM)**, fine to coarse grained, light brown, moist	25			50	19-27-23	31.5	SS-5-25
		30			0	18-18-15		
35.0	**SANDY LEAN CLAY (CL)**, trace gravel, fine to medium grained, low to medium plasticity, brown, moist	35				7-8-16	19.4	SS-5-35
40.0	fine grained, medium plasticity	40				3-6-10	33.5	SS-5-35

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-07-2020	Boring Completed: 04-07-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-5

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-6

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), fine grained, light brown, dry						4.0	SS-6-S
		5				4-5-12	15.0	SS-6-5
10.0	**SILTY SAND (SM)**, with clay, light brown with mottled gray, dry, weak to moderate cementation	10				12-22-28	8.4	SS-6-10
15.0	**CLAYEY SAND (SC)**, fine grained, light brown, dry	15				7-12-17	13.6	SS-6-15
20.0	**SILTY SAND WITH GRAVEL (SM)**, fine to medium grained, light brown	20				17-18-19	10.8	SS-6-20
25.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, red and brown, moist, decomposed granite	25				15-13-16	32.5	SS-6-25
	some black staining	30				21-21-17	31.2	SS-6-30
35.0	**SANDY LEAN CLAY (CL)**, trace gravel, fine grained, brown, moist	35				9-17-20	28.2	SS-6-35
39.0								
40.0	**SILTY SAND (SM)**, fine grained, gray, moist	40				8-14-23	20.5	SS-6-40

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-08-2020
Boring Completed: 04-08-2020
Drill Rig: CME-75
Driller: GSI
Project No.: 63207052
Exhibit: B-6

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-7

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SANDY SILT (ML), trace organics, light brown, dry, weak cementation						5.8	SS-7-S
		5				8-14-20	28.1	SS-7-5
10.0								
	CLAYEY SAND (SC), light brown with mottled gray, dry, weak cementation	10				10-11-17	17.3	SS-7-10
15.0								
	SANDY LEAN CLAY (CL), fine grained, medium plasticity, brown, dry, weak cementation	15				7-17-23	37.3	SS-7-15
		20			0	11-9-12		
	with gravel	25			25	21-23-22		SS-7-25
30.0								
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, red and brown, moist, decomposed granite	30				10-42-50/3"	39.8	SS-7-30
35.0								
	SANDY LEAN CLAY (CL), medium to high plasticity, brown, moist	35				11-33-26	43.2	SS-7-35
40.0								
	Boring Terminated at 40 Feet	40				6-8-20	33.1	SS-7-40

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-08-2020	Boring Completed: 04-08-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-7

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-8

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND WITH GRAVEL (SM), gray, dry						14.4	SS-8-S
		5				5-6-7	28.1	SS-8-5
10.0								
	CLAYEY SAND (SC), coarse grained, brown, dry	10				3-2-2	21.6	SS-8-10
15.0								
	SANDY LEAN CLAY (CL), fine grained, low to medium plasticity, brown, moist	15				4-9-13	32.9	
20.0								
	SILTY SAND (SM), fine to medium grained, light brown with orange, moist	20				3-6-9	16.5	SS-8-20
25.0								
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, red and brown, moist	25				13-15-9	32.7	SS-8-25
		30			0	14-20-20		
35.0								
	SANDY LEAN CLAY (CL), fine grained, medium to high plasticity, brown, moist	35				4-4-8	30.3	SS-8-35
40.0								
	Boring Terminated at 40 Feet	40				6-7-15	26.0	SS-8-40

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-08-2020	Boring Completed: 04-08-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-8

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-9

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), fine grained, light brown, dry, weak cementation						11.3	SS-9-S
		5				5-6-10	18.7	SS-9-5
10.0								
	CLAYEY SAND (SC), trace gravel, fine grained, light brown with mottled gray, dry	10				8-19-25	21.9	SS-9-10
15.0								
	SILTY SAND WITH GRAVEL (SM), fine to medium grained, light brown, dry	15				8-12-19	16.8	SS-9-15
	moist	20			50	8-8-8	23.6	SS-9-20
25.0								
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, red and brown, moist	25			0	13-9-7		
		30			0	13-23-29		
35.0								
	SANDY LEAN CLAY (CL), fine grained, medium plasticity, greenish gray with orange, moist	35				6-9-17	24.3	SS-9-35
40.0								
	brown	40				5-5-18	22.2	SS-9-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-09-2020	Boring Completed: 04-09-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-9

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-10

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), trace organics, fine grained, light brown, dry, weak cementation						23.0	SS-10-S
		5				8-16-20	25.4	SS-10-5
10.0	**CLAYEY SAND (SC)**, fine grained, brown with mottled gray, dry, weak cementation	10				12-22-28	22.1	SS-10-10
	brown, moist	15				8-12-12	21.7	SS-10-15
		20			25	3-9-14		SS-10-20
25.0	**WELL GRADED SAND WITH GRAVEL (SW)**, with clay, fine to coarse grained, brown, moist	25				7-6-2	27.8	SS-10-25
	some black staining	30			50	19-30-50/5"	27.8	SS-10-30
		35			0	25-21-22		
39.0								
40.0	**SANDY LEAN CLAY (CL)**, fine grained, medium plasticity, brown with gray, moist	40				4-12-50/5"	20.4	SS-10-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-09-2020	Boring Completed: 04-09-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-10

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-11

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), trace gravel, light brown, dry						13.2	SS-11-S
		5				3-3-4	15.9	SS-11-5
10.0	**CLAYEY SAND (SC)**, brown with mottled gray, dry, weak cementation	10				6-12-18	22.5	SS-11-10
		15				5-11-17	23.1	SS-11-15
	moist	20			50	2-3-6	26.8	SS-11-20
25.0	**WELL GRADED SAND WITH GRAVEL (SW)**, with clay, fine to coarse grained, brown, moist	25				8-21-18	25.5	SS-11-25
		30			50	17-28-26	25.2	SS-11-30
35.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, brown, miost	35				6-6-16	32.4	SS-11-35
39.0								
40.0	**CLAYEY SAND (SC)**, fine grained, brown	40				5-8-17	17.3	SS-11-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-09-2020	Boring Completed: 04-09-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-11

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-12

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION - ee Exsd o, A74

DEPTH	MATERIAL DE- CRIPTION	DEPTH (d)	WATER LEVEL OB- ERVATION-	- AMPLE TYPE	RECOVERY (%)	- PT N7VALUE	OVA/PID (kkm)	- AMPLE - ENT TO LAB (ID NUMBER)
	SILTY SAND (SM) 3,fi ne gfi r ea3dpe gfi opel 3aogs, t fcb p3l fw3b ei y nemep,i ,ocp						9904	- - 7947-
		1				u79574.	9508	- - 79471
9. 0	**CLAYEY SAND (SC)** 3,fi ne gfi r ea3dpe gfi opel 3t fcb p3l fw3b ei y nemep,i ,ocp	9.				579574.	9u0	- - 79479.
910	**CLAYEY SAND (SC)** 3dpe gfi opel 3t fcb p3mcdn,	91				1799794	4206	- - 794791
4. 0	**WELL GRADED SAND WITH SILT (SW-SM)** 3dpe ,c nci fhe gfi opel 3aogs, t fcb p3mcdn,	4.				967u796	4u0	- - 79474.
410	**WELL GRADED SAND WITH GRAVEL (SW)** 3dpe ,c nci fhe gfi opel 3fel i pl t fcb p3mcdn,	41			1.	9. 742748	9S02	- - 794741
		6.			1.	95744745	4509	- - 79476.
		61			.	1. /1"		
2. 0	**CLAYEY SAND (SC)** 3dpe gfi opel 3gfi w3mcl efi ,e cl cf3mcdn,3hcme t ai ny h,i opopg	2.				u794791	620S	- - 79472.
210	**CLAYEY SAND WITH GRAVEL (SC)** 3b os nai whei mh3dpe gfi opel 3gfi w3mcl efi ,e cl cf3 mcdn,	21				279571. /1"	9. 25	- - 794721
1. 0	**CLAYEY SAND WITH GRAVEL (SC)** 3dpe ,c nci fhe gfi opel 3t fcb p3mcl efi ,e cl cf3mcdn,	1.				9474. 766	2120S	- - 79471.
110	**WELL GRADED SAND WITH SILT (SW-SM)** 3dpe ,c nci fhe gfi opel 3fel i pl t fcb p3 mcl efi ,e cl cf3mcdn,3l encmkchel gfi poe	11				279171. /4"	5Su09	- - 794711
5. 0	**CLAYEY SAND WITH GRAVEL (SC)** 3dpe ,c nci fhe gfi opel 3t fcb p3mcl efi ,e cl cf3mcdn,	5.			1.	1. /4"	55204	- - 79475.
510	**WELL GRADED SAND WITH CLAY AND GRAVEL (SW-SC)** 3dpe ,c nci fhe gfi opel 3fel i pl t fcb p3mcl efi ,e cl cf3mcdn,3l encmkchel gfi poe	51				6S71. /2"	55u08	- - 794751
8. 0	**SANDY LEAN CLAY (CL)** 3mel ovm ,c sogs kai h,onow3t fcb p3mcl efi ,e cl cf3mcdn,	8.				u79671. /2"	21504	- - 79478.
820								
810	**CLAYEY SAND WITH GRAVEL (SC)** 3dpe ,c nci fhe gfi opel 3t fcb p3b e,	81	▽			4572871. /4"	Su06	- - 794781
	Boring Terminated at 75 Feet							

Tse h,fi ,odni ,ocp apeh fekfehep, ,se i kkfcxomi ,e ,fi phoocp t e,b eep l odefopg hcoa,wkeh i pl /cf fcny ,wkeh; op7hov ,sehe ,fi phoocph mi wt e gfi l vi acf mi wcnnvf i , l odefep, l ek,sh ,si p hscb p0

Hi mmef Twke: Av,cmi ,on

Al ri pnemep, Me,scl :
Hcaocb - ,em Avgef

At i pl cpmep, Me,scl :
Bcfopg t i nydaeel b os nemep,7t ep,cpoe gfcv, vkcp ncmkae,ocp0

Nc,eh:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

▽ *Depth of first groundwater*

Terracon
611 - Evnad Are3- ,e 9. 8
Tvnhcp3AZ

Bcfopg - ,i f,el : . 27. u74. 4.	Bcfopg Ccmkae,el : . 279. 74. 4.
DfoaRog: CME781	Dfoaef: G- I
Pfcjen, Nc0 564. 8. 14	Exsd o: B794

THI- BORING LOG I- NOT VALID IF - EPARATED FROM ORIGINAL REPORT0ENVIRONMENTAL - MART LOG 564. 8. 140BORINGLOG- 0GPJ TERRACON_DATATEMPLATE0GDT 1/4. /4.

BORING LOG NO. SS-13

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), light brown, dry, weak cementation					18.8	SS-13-S
		5			6-8-10	20.7	SS-13-5
10.0							
	CLAYEY SAND (SC), fine grained, brown, dry, weak cementation	10			6-12-19	8.9	SS-13-10
15.0							
	SANDY LEAN CLAY (CL), low plasticity, dark brown with mottled gray, moist, weak cementation	15			8-9-11	30.5	SS-13-15
20.0							
	SILTY SAND (SM), fine to medium grained, brown, moist	20			4-5-6	32.5	SS-13-20
25.0							
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, brown, moist	25			8-9-19	27.1	SS-13-25
		30			34-30-36	34.4	SS-13-30
35.0							
	SILTY SAND (SM), fine grained, gray, moderate odor, moist	35			20-30-30	301.4	SS-13-35
40.0							
	SANDY LEAN CLAY (CL), brown, moderate odor, moist	40		25	50/5"		SS-13-40
45.0							
	SILTY SAND (SM), fine to medium grained, brown, weak odor, moist	45			8-10-24	23.0	SS-13-45
		50			4-17-30	22.1	SS-13-50
54.0							
55.0	**CLAYEY SAND (SC)**, fine to coarse grained, brown, weak odor, moist	55			50/1"	23.0	SS-13-55
	Boring Terminated at 55 Feet						

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-09-2020	Boring Completed: 04-10-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-13

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-14

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), with gravel and trace organics, light brown, dry						3.4	SS-14-S
5.0								
	SILTY SAND (SM), fine grained, light brown, dry, weak cementation	5				10-20-26	9.2	SS-14-5
	with clay, light brown with mottled gray	10				11-18-23	7.2	SS-14-10
15.0								
	WELL GRADED SAND (SW), trace gravel, fine to coarse grained, light brown, dry	15				12-14-14	15.8	SS-14-15
		20			50	6-9-11	22.4	SS-14-20
	moist	25			25	8-6-5		SS-14-25
30.0								
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, red and brown, moist, decomposed granite	30				22-30-30	24.7	SS-14-30
35.0								
	SANDY LEAN CLAY (CL), medium to high plasticity, gray brown, moist	35				20-17-15	13.0	SS-14-35
40.0								
	Boring Terminated at 40 Feet	40			0	10-28-28		SS-14-40

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-13-2020	Boring Completed: 04-13-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-14

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-15

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), with gravel and trace organics, light brown, dry						12.6	SS-15-S
	weak cementation	5				12-11-16	16.7	SS-15-5
10.0	**CLAYEY SAND (SC)**, brown with mottled gray, dry, weak cementation	10				8-12-20	21.0	SS-15-10
		15				22-19-20	14.1	SS-15-15
20.0	**SILTY SAND WITH GRAVEL (SM)**, brown, moist	20			50	4-12-17	12.5	SS-15-20
25.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, red and brown, moist, decomposed granite	25				18-15-16	32.8	SS-15-25
		30				30-40-40	28.5	SS-15-30
	with clay	35			50	45-30-50	20.9	SS-15-35
39.0 / 40.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, brown, moist	40			25	7-17-34		SS-15-40

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-13-2020	Boring Completed: 04-13-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-15

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-16

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), trace gravel, light brown, dry, weak cementation						9.5	SS-16-S
		5				6-10-16	8.8	SS-16-5
10.0	**CLAYEY SAND (SC)**, brown with mottled gray, dry, weak cementation	10				7-12-19	18.4	SS-16-10
		15				10-13-16	19.8	SS-16-15
20.0	**SILTY SAND WITH GRAVEL (SM)**, fine to coarse grained, brown, dry	20			25	6-10-12		SS-16-20
	moist	25			25	5-7-4		SS-16-25
30.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, red and brown, moist, decomposed granite	30			50	29-23-30	11.2	SS-16-30
35.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, greenish gray with orange, moist	35				4-4-8	17.3	SS-16-35
40.0	brown	40			50	23-35-32	26.5	SS-16-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-13-2020	Boring Completed: 04-13-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-16

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-17

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), with gravel and trace organics, fine grained, light brown, dry						5.3	SS-17-S
	weak cementation	5				11-17-19	13.3	SS-17-5
10.0	**CLAYEY SAND (SC)**, fine grained, brown with mottled gray, dry, weak cementation	10				12-14-18	20.7	SS-17-10
	brown	15				7-15-17	22.1	SS-17-15
20.0	**SILTY SAND (SM)**, fine to coarse grained, light brown, moist	20				5-9-24	21.6	SS-17-20
25.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, red and brown, moist, decomposed granite	25			25	8-6-6		SS-17-25
	with clay	30			50	28-30-13	21.6	SS-17-30
35.0	**SANDY LEAN CLAY (CL)**, fine grained, medium to high plasticity, brown, moist	35				4-4-6	17.1	SS-17-35
40.0	***Boring Terminated at 40 Feet***	40				4-6-50/5"	23.6	SS-17-40

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-13-2020 | Boring Completed: 04-13-2020
Drill Rig: CME-75 | Driller: GSI
Project No.: 63207052 | Exhibit: B-17

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-18

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), fine grained, light brown, dry, weak cementation						9.5	SS-18-S
		5				15-16-16	18.4	SS-18-5
10.0								
	CLAYEY SAND (SC), fine grained, brown with mottled gray and orange, dry, weak cementation	10				9-12-14	143.6	SS-18-10
15.0								
	SILTY SAND (SM), fine to medium grained, light brown, dry	15				6-13-15	59.5	SS-18-15
		20				3-5-12	28.7	SS-18-20
25.0								
	WELL GRADED SAND WITH CLAY AND GRAVEL (SW), fine to coarse grained, red and brown, moist, decomposed granite	25				4-6-13	33.9	SS-18-25
30.0								
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, red and brown, moist, decomposed granite	30				13-21-30	22.9	SS-18-30
35.0								
	SANDY LEAN CLAY (CL), medium to high plasticity, brown, moist	35				9-13-17	30.7	SS-18-35
39.0								
40.0	**SILTY CLAY (CL-ML)**, medium plasticity, light brown, moist	40				10-13-17	25.6	SS-18-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-13-2020	Boring Completed: 04-13-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-18

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-19

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	SILTY SAND (SM), trace organics, fine grained, light brown, dry						6.2	SS-19-S
	weak cementation	5				10-15-17	11.2	SS-19-5
10.0	**CLAYEY SAND (SC)**, trace gravel, fine grained, brown with mottled gray, dry	10				13-13-14	20.1	SS-19-10
15.0	**SILTY SAND (SM)**, fine grained, light brown, dry	15				10-14-13	8.7	SS-19-15
20.0	**CLAYEY GRAVEL (SC)**, with gravel, brown, moist	20				14-32-4	17.4	SS-19-20
25.0	**SILTY SAND WITH GRAVEL (SM)**, fine to coarse grained, brown, moist	25				4-19-23	22.2	SS-19-25
		30			50	17-26-19	25.4	SS-19-30
35.0	**SANDY LEAN CLAY (CL)**, fine grained, medium to high plasticity, brown, moist	35				4-3-6	17.0	SS-19-35
40.0	***Boring Terminated at 40 Feet***	40				8-10-26	16.9	SS-19-40

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-14-2020	Boring Completed: 04-14-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-19

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-20

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	GRAVELLY SILT WITH SAND (ML), light brown, dry						11.5	SS-20-S
5.0	**CLAYEY SAND (SC)**, fine grained, brown, dry, weak cementation	5				7-10-17	14.9	SS-20-5
	no cementation	10				13-16-19	10.9	SS-20-10
	moist	15				12-15-17	10.4	SS-20-15
		20			25	5-6-6	26.3	SS-20-20
		25			0	6-8-13		
30.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, red and brown, moist, decomposed granite	30			25	24-50/4"	24.2	SS-20-30
35.0	**SANDY LEAN CLAY (CL)**, trace organics, fine grained, medium to high plasticity, brown, moist	35				9-11-16	16.4	SS-20-35
39.0 / 40.0	**CLAYEY SAND (SC)**, trace gravel, fine to medium grained, light brown, moist	40				24-50/5"	11.1	SS-20-40

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-14-2020	Boring Completed: 04-14-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-20

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-21

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	GRAVELLY SILT WITH SAND (ML), light brown, dry				9.9	SS-21-S
5.0	**CLAYEY SAND (SC)**, fine grained, brown, dry, weak cementation	5		4-16-21	17.4	SS-21-5
	no cementation	10	25	50	18.1	SS-21-10
15.0	**SILTY SAND (SM)**, with clay, fine to medium grained, brown with orange, moist	15		11-11-12	20.5	SS-21-15
20.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, red and brown, moist	20		11-12-13	25.5	SS-21-20
		25		7-15-17	24.1	SS-21-25
		30	25	26-50/4"		SS-21-30
		35	0	50		
39.0						
40.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, brown, moist	40	25	50/4"	25.5	SS-21-40

Boring Terminated at 40 Feet

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-14-2020
Boring Completed: 04-14-2020
Drill Rig: CME-75
Driller: GSI
Project No.: 63207052
Exhibit: B-21

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-22

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	GRAVELLY SILT WITH SAND (ML), light brown, dry						2.8	SS-22-S
5.0								
	CLAYEY SAND (SC), trace gravel, fine grained, brown with mottled gray, dry, weak cementation	5				16-12-11	3.1	SS-22-5
	brown, moist	10				12-13-13	4.5	SS-22-10
		15				11-13-13	5.7	SS-22-15
20.0								
	SANDY LEAN CLAY (CL), fine grained, brown, moist	20			25	4-8-8		SS-22-20
25.0								
	WELL GRADED SAND WITH GRAVEL (SW), fine to coarse grained, red and brown, moist	25				4-6-10	4.5	SS-22-25
		30			0	50/5"		
35.0								
	CLAYEY SAND (SC), fine grained, orangish tan, moist	35				15-15-27	7.0	SS-22-35
39.0								
40.0	**SANDY LEAN CLAY WITH GRAVEL (CL)**, fine to medium grained, brown, moist	40			25	24-50/4"		SS-22-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-14-2020	Boring Completed: 04-14-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-22

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-23

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	GRAVELLY SILT WITH SAND (ML), light brown, dry						6.7	SS-23-S
5.0	**CLAYEY SAND (SC)**, fine grained, brown, dry, weak cementation	5				4-7-9	14.8	SS-23-5
	brown with mottled gray	10				5-11-15	14.0	SS-23-10
	brown, moist	15				9-14-16	23.5	SS-23-15
20.0	**SILTY SAND WITH GRAVEL (SM)**, fine to coarse grained, light brown, moist	20				6-8-12	11.7	SS-23-20
25.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, brown, moist	25			0	8-4-4		
		30			0	13-19-30		
		35			25	50/3"		SS-23-35
39.0								
40.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, brown, moist	40				8-17-24	25.0	SS-23-40
	Boring Terminated at 40 Feet							

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-14-2020	Boring Completed: 04-14-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-23

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

BORING LOG NO. SS-24

PROJECT: Former Flint Oil Property

CLIENT: City of Tucson Environmental & General Services
Tucson, Arizona

SITE: APN 116-23-2070
Tucson, Arizona

LOCATION See Exhibit A-2

DEPTH	MATERIAL DESCRIPTION	DEPTH (ft)	WATER LEVEL OBSERVATIONS	SAMPLE TYPE	RECOVERY (%)	SPT N-VALUE	OVA/PID (ppm)	SAMPLE SENT TO LAB (ID NUMBER)
	GRAVELLY SILT WITH SAND (ML), light brown, dry						9.9	SS-24-S
5.0	**CLAYEY SAND (SC)**, trace gravel, fine grained, brown with mottled gray, dry, weak cementation	5				13-13-18	19.7	SS-24-5
	moderate cementation	10				12-14-21	16.1	SS-24-10
	orangish tan	15				13-18-18	17.6	SS-24-15
20.0	**WELL GRADED SAND WITH GRAVEL (SW)**, fine to coarse grained, light brown, moist	20				6-8-10	21.0	SS-24-20
		25			25	21-30-50/2"	14.2	SS-24-25
		30			0	50/4"		
35.0	**SANDY LEAN CLAY (CL)**, medium to high plasticity, brown, moist	35				27-30-15	20.3	SS-24-35
40.0	***Boring Terminated at 40 Feet***	40				8-10-8	24.6	SS-24-40

The stratification lines represent the approximate transition between differing soil types and/or rock types; in-situ these transitions may be gradual or may occur at different depths than shown.

Hammer Type: Automatic

Advancement Method:
Hollow Stem Auger

Abandonment Method:
Boring backfilled with auger cuttings upon completion.

Notes:
100% recovery unless noted otherwise

WATER LEVEL OBSERVATIONS

Groundwater not encountered

Terracon
355 S Euclid Ave, Ste 107
Tucson, AZ

Boring Started: 04-14-2020	Boring Completed: 04-14-2020
Drill Rig: CME-75	Driller: GSI
Project No.: 63207052	Exhibit: B-24

THIS BORING LOG IS NOT VALID IF SEPARATED FROM ORIGINAL REPORT. ENVIRONMENTAL SMART LOG 63207052.BORINGLOGS.GPJ TERRACON_DATATEMPLATE.GDT 5/20/20

APPENDIX C
TABLES

TABLE 1: SUMMARY OF ANALYTICAL DATA COMPARED TO EPA VISLs

Project#					63207052							
Description					Former Flint Oil Site							
Date Collected					4/6/2020							
Project Sample ID					SG-1-5	SG-1-5-DUP	SG-1-20	SG-2-5	SG-2-20	SG-3-5	SG-AMB	SG-3-20
Project Sample Depth (ft)					5	5	20	5	20	5	Ambient	20
			EPA VISLs									
Method	Analyte	Units	VISL Comm	VISL Res	Result	Result	Result	Result	Result	Result	Result	Result
TO-15	Acetone	ug/m3	451000	107000	**644**	**806**	**208**	**160**	**432**	**347**	**11.2**	**509**
TO-15	Allyl chloride	ug/m3	15	3.48	<0.626	<0.626	<0.626	<0.626	<0.626	<0.626	<0.626	<0.626
TO-15	Benzene	ug/m3	52	12	**15.5**	**13.9**	**9.39**	**48.2**	**14.3**	**5.4**	<0.639	**4.89**
TO-15	Benzyl Chloride	ug/m3	8	1.91	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04
TO-15	Bromodichloromethane	ug/m3	11	2.53	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34
TO-15	Bromoform	ug/m3	372	85.1	<6.21	<6.21	<6.21	<6.21	<6.21	<6.21	<6.21	<6.21
TO-15	Bromomethane	ug/m3	73	17.4	<0.776	<0.776	<0.776	<0.776	<0.776	<0.776	<0.776	<0.776
TO-15	1,3-Butadiene	ug/m3	14	3.12	**4.87**	**5.02**	**12.5**	<4.43	<4.43	**23**	<4.43	<4.43
TO-15	Carbon disulfide	ug/m3	10200	2430	<0.622	**1.17**	**0.943**	**4.14**	**4.3**	**1.01**	<0.622	**1.22**
TO-15	Carbon tetrachloride	ug/m3	68	15.6	<1.26	<1.26	<1.26	<1.26	<1.26	<1.26	<1.26	<1.26
TO-15	Chlorobenzene	ug/m3	730	174	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924
TO-15	Chloroethane	ug/m3	146000	34800	<0.528	<0.528	<0.528	<0.528	**2.62**	<0.528	<0.528	<0.528
TO-15	Chloroform	ug/m3	18	4.07	<0.973	<0.973	<0.973	<0.973	<0.973	<0.973	<0.973	<0.973
TO-15	Chloromethane	ug/m3	1310	313	**0.965**	**1.29**	<0.413	**1.13**	**5.95**	**1.67**	**0.884**	<0.413
TO-15	2-Chlorotoluene	ug/m3			<1.03	<1.03	<1.03	<1.03	<1.03	<1.03	<1.03	<1.03
TO-15	Cyclohexane	ug/m3	87600	20900	**10.1**	**9.75**	**2.33**	**2.57**	**2.64**	**1.9**	<0.689	**1.5**
TO-15	Dibromochloromethane	ug/m3			<1.70	<1.70	<1.70	<1.70	<1.70	<1.70	<1.70	<1.70
TO-15	1,2-Dibromoethane	ug/m3	1	0.156	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54
TO-15	1,2-Dichlorobenzene	ug/m3	2920	695	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20
TO-15	1,3-Dichlorobenzene	ug/m3			<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20
TO-15	1,4-Dichlorobenzene	ug/m3	37	8.51	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20
TO-15	1,2-Dichloroethane	ug/m3	16	3.6	<0.810	<0.810	<0.810	<0.810	<0.810	<0.810	<0.810	<0.810
TO-15	1,1-Dichloroethane	ug/m3	256	58.5	<0.802	<0.802	<0.802	<0.802	<0.802	<0.802	<0.802	<0.802
TO-15	1,1-Dichloroethene	ug/m3	2920	695	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
TO-15	cis-1,2-Dichloroethene	ug/m3			<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
TO-15	trans-1,2-Dichloroethene	ug/m3			<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
TO-15	1,2-Dichloropropane	ug/m3	58	13.9	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924
TO-15	cis-1,3-Dichloropropene	ug/m3			<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908
TO-15	trans-1,3-Dichloropropene	ug/m3			<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908
TO-15	1,4-Dioxane	ug/m3	82	18.7	<0.721	<0.721	<0.721	<0.721	**1.7**	<0.721	<0.721	**1.35**
TO-15	Ethanol	ug/m3			**48.8**	**47.3**	**53**	**66.6**	**151**	**84.5**	**12.1**	**119**
TO-15	Ethylbenzene	ug/m3	164	37.4	**2.45**	**2.27**	**3.32**	**4.51**	**3.73**	**44.7**	<0.867	**2.61**
TO-15	4-Ethyltoluene	ug/m3			**4.51**	**4.59**	**7.02**	**7.56**	**7.46**	**4.59**	<0.982	**5.35**
TO-15	Trichlorofluoromethane	ug/m3			**1.21**	**1.2**	**1.13**	**1.2**	**1.29**	**1.13**	<1.12	<1.12
TO-15	Dichlorodifluoromethane	ug/m3	1460	348	**1.54**	**2.08**	**2.06**	**2.08**	**1.93**	**1.94**	**1.64**	**1.74**
TO-15	1,1,2-Trichlorotrifluoroethane	ug/m3	73000	17400	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53
TO-15	1,2-Dichlorotetrafluoroethane	ug/m3			<1.40	<1.40	<1.40	<1.40	<1.40	<1.40	<1.40	<1.40
TO-15	Heptane	ug/m3	5840	1390	**13.9**	**13.5**	**7.85**	**9.61**	**10.9**	**10.1**	<0.818	**9.9**
TO-15	Hexachloro-1,3-butadiene	ug/m3	19	4.25	<6.73	<6.73	<6.73	<6.73	<6.73	<6.73	<6.73	<6.73
TO-15	n-Hexane	ug/m3	10200	2430	**14.6**	**13.5**	**8.39**	**13.4**	**12.1**	**10.2**	**1.36**	**10.5**
TO-15	Isopropylbenzene	ug/m3	5840	1390	<0.983	<0.983	<0.983	<0.983	<0.983	**1.26**	<0.983	<0.983
TO-15	Methylene Chloride	ug/m3	8760	2090	<0.694	**0.826**	<0.694	<0.694	**1.25**	**0.84**	**2.22**	<0.694

TABLE 1: SUMMARY OF ANALYTICAL DATA COMPARED TO EPA VISLs

Project#					63207052							
Description					Former Flint Oil Site							
Date Collected					4/6/2020							
Project Sample ID					SG-1-5	SG-1-5-DUP	SG-1-20	SG-2-5	SG-2-20	SG-3-5	SG-AMB	SG-3-20
Project Sample Depth (ft)					5	5	20	5	20	5	Ambient	20
			EPA VISLs									
Method	Analyte	Units	VISL Comm	VISL Res	Result	Result	Result	Result	Result	Result	Result	Result
TO-15	Methyl Butyl Ketone	ug/m3	438	104	**17**	**19.6**	**41.3**	**60.9**	**112**	**160**	<5.11	**147**
TO-15	2-Butanone (MEK)	ug/m3	73000	17400	**1020**	**781**	**693**	**1110**	**1840**	**1570**	**8.7**	**2720**
TO-15	4-Methyl-2-pentanone (MIBK)	ug/m3	43800	10400	**12**	**13.8**	<5.12	<5.12	<5.12	<5.12	<5.12	<5.12
TO-15	Methyl methacrylate	ug/m3	10200	2430	<0.819	<0.819	<0.819	<0.819	<0.819	<0.819	<0.819	<0.819
TO-15	MTBE	ug/m3	1570	360	<0.721	<0.721	<0.721	<0.721	<0.721	<0.721	<0.721	<0.721
TO-15	Naphthalene	ug/m3	12	2.75	<3.30	<3.30	<3.30	<3.30	**13.7**	<3.30	<3.30	<3.30
TO-15	2-Propanol	ug/m3	2920	695	**760**	**543**	**46**	**15.5**	**15.5**	**7.23**	<3.07	**7.37**
TO-15	Propene	ug/m3	43800	10400	**21.4**	**26.2**	**67**	**181**	**159**	**132**	<0.689	**124**
TO-15	Styrene	ug/m3	14600	3480	<0.851	<0.851	<0.851	<0.851	**1.96**	<0.851	<0.851	<0.851
TO-15	1,1,2,2-Tetrachloroethane	ug/m3	7	1.61	<1.37	<1.37	<1.37	<1.37	<1.37	<1.37	<1.37	<1.37
TO-15	Tetrachloroethylene	ug/m3	584	139	<1.36	**4.39**	**4.81**	<1.36	**3.94**	**12.6**	<1.36	**10.7**
TO-15	Tetrahydrofuran	ug/m3	29200	6950	**57.2**	**63.1**	**66.9**	<0.590	<0.590	<0.590	**1.71**	<0.590
TO-15	Toluene	ug/m3	73000	17400	**51.2**	**53.5**	**20.4**	**31.2**	**17.7**	**9.38**	**0.949**	**9.12**
TO-15	1,2,4-Trichlorobenzene	ug/m3	29	6.95	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66
TO-15	1,1,1-Trichloroethane	ug/m3	73000	17400	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09
TO-15	1,1,2-Trichloroethane	ug/m3	3	0.695	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09
TO-15	Trichloroethylene	ug/m3	29	6.95	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07
TO-15	1,2,4-Trimethylbenzene	ug/m3	876	209	**7.12**	**7.46**	**13.1**	**14.6**	**15**	**9.28**	<0.982	**11.4**
TO-15	1,3,5-Trimethylbenzene	ug/m3	876	209	**2.32**	**2.36**	**4.24**	**4.28**	**4.25**	**2.69**	<0.982	**3.31**
TO-15	2,2,4-Trimethylpentane	ug/m3			**1.03**	**1.17**	**3.51**	**3.77**	**6.35**	<0.934	<0.934	<0.934
TO-15	Vinyl chloride	ug/m3	93	5.59	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511
TO-15	Vinyl Bromide	ug/m3	13	2.92	<0.875	<0.875	<0.875	<0.875	<0.875	<0.875	<0.875	<0.875
TO-15	Vinyl acetate	ug/m3	2920	695	<0.704	<0.704	<0.704	<0.704	<0.704	<0.704	<0.704	<0.704
TO-15	m&p-Xylene	ug/m3	1460	348	**9.84**	**9.41**	**11.3**	**12.6**	**11.8**	**160**	<1.73	**9.71**
TO-15	o-Xylene	ug/m3	1460	348	**4.42**	**4.38**	**5.72**	**5.9**	**5.68**	**43.1**	<0.867	**4.42**

Notes:
VISL - EPA Vapor Intrusion Screening Level
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds EPA Residential VISL
Bold	Exceeds EPA Commercial VISL

TABLE 1: SUMMARY OF ANALYTICAL DATA COMPARED TO EPA VISLs

Project#					63207052							
Description					Former Flint Oil Property							
Date Collected					4/7/2020					4/8/2020		
Project Sample ID					SG-4-5	SG-4-5-DUP	SG-4-20	SG-5-5	SG-5-20	SG-6-5	SG-6-5-DUP	SG-6-20
Project Sample Depth (ft)					5	5	20	5	20	5	5	20
			EPA VISLs									
Method	Analyte	Units	VISL Comm	VISL Res	Result	Result	Result	Result	Result	Result	Result	Result
TO-15	Acetone	ug/m3	451000	107000	**165**	**150**	**727**	**480**	**463**	**110**	**107**	**132**
TO-15	Allyl chloride	ug/m3	15	3.48	<0.626	<0.626	<0.626	<0.626	<0.626	<0.626	<0.626	<0.626
TO-15	Benzene	ug/m3	52	12	**11.6**	**11.3**	**3.06**	**4.12**	**4.41**	**1.36**	**1.82**	**6.36**
TO-15	Benzyl Chloride	ug/m3	8	1.91	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04	<1.04
TO-15	Bromodichloromethane	ug/m3	11	2.53	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34	<1.34
TO-15	Bromoform	ug/m3	372	85.1	<6.21	<6.21	<6.21	<6.21	<6.21	<6.21	<6.21	<6.21
TO-15	Bromomethane	ug/m3	73	17.4	<0.776	<0.776	<0.776	<0.776	<0.776	<0.776	<0.776	<0.776
TO-15	1,3-Butadiene	ug/m3	14	3.12	**11.6**	**6.35**	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43
TO-15	Carbon disulfide	ug/m3	10200	2430	**3.09**	**2.97**	**1.35**	**5.54**	**2.49**	<0.622	<0.622	<0.622
TO-15	Carbon tetrachloride	ug/m3	68	15.6	<1.26	<1.26	<1.26	<1.26	<1.26	<1.26	<1.26	<1.26
TO-15	Chlorobenzene	ug/m3	730	174	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924
TO-15	Chloroethane	ug/m3	146000	34800	<0.528	<0.528	<0.528	<0.528	<0.528	<0.528	<0.528	<0.528
TO-15	Chloroform	ug/m3	18	4.07	<0.973	<0.973	<0.973	<0.973	<0.973	<0.973	<0.973	<0.973
TO-15	Chloromethane	ug/m3	1310	313	**1.37**	**1.39**	**1.42**	**5.08**	**1.25**	**1.83**	**2.29**	**1.4**
TO-15	2-Chlorotoluene	ug/m3			<1.03	<1.03	<1.03	<1.03	<1.03	<1.03	<1.03	<1.03
TO-15	Cyclohexane	ug/m3	87600	20900	**2.47**	**2.53**	**2.01**	**1.61**	**<0.689**	**0.754**	**0.954**	**1.06**
TO-15	Dibromochloromethane	ug/m3			<1.70	<1.70	<1.70	<1.70	<1.70	<1.70	<1.70	<1.70
TO-15	1,2-Dibromoethane	ug/m3	1	0.156	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54	<1.54
TO-15	1,2-Dichlorobenzene	ug/m3	2920	695	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20
TO-15	1,3-Dichlorobenzene	ug/m3			<1.20	<1.20	<1.20	**2.92**	<1.20	<1.20	<1.20	<1.20
TO-15	1,4-Dichlorobenzene	ug/m3	37	8.51	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20	<1.20
TO-15	1,2-Dichloroethane	ug/m3	16	3.6	<0.810	<0.810	<0.810	<0.810	<0.810	<0.810	<0.810	<0.810
TO-15	1,1-Dichloroethane	ug/m3	256	58.5	<0.802	<0.802	<0.802	<0.802	<0.802	<0.802	<0.802	<0.802
TO-15	1,1-Dichloroethene	ug/m3	2920	695	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
TO-15	cis-1,2-Dichloroethene	ug/m3			<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
TO-15	trans-1,2-Dichloroethene	ug/m3			<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793	<0.793
TO-15	1,2-Dichloropropane	ug/m3	58	13.9	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924	<0.924
TO-15	cis-1,3-Dichloropropene	ug/m3			<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908
TO-15	trans-1,3-Dichloropropene	ug/m3			<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908	<0.908
TO-15	1,4-Dioxane	ug/m3	82	18.7	<0.721	<0.721	<0.721	**5.33**	<0.721	<0.721	<0.721	<0.721
TO-15	Ethanol	ug/m3			**56**	**60.9**	**256**	**182**	**354**	**117**	**72.4**	**77.5**
TO-15	Ethylbenzene	ug/m3	164	37.4	**3.26**	**3.55**	**2.05**	**3.36**	**2.31**	**1.95**	**2.34**	**4.17**
TO-15	4-Ethyltoluene	ug/m3			**3.49**	**3.38**	**4.31**	**4.18**	**5.79**	**2.31**	**2.57**	**4.52**
TO-15	Trichlorofluoromethane	ug/m3			**1.25**	**1.28**	<1.12	**1.15**	**1.17**	**1.31**	**1.28**	**1.25**
TO-15	Dichlorodifluoromethane	ug/m3	1460	348	**2.2**	**2.25**	**1.82**	**1.89**	**2.43**	**2.6**	**2.59**	**2.37**
TO-15	1,1,2-Trichlorotrifluoroethane	ug/m3	73000	17400	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53	<1.53
TO-15	1,2-Dichlorotetrafluoroethane	ug/m3			<1.40	<1.40	<1.40	<1.40	<1.40	<1.40	<1.40	<1.40
TO-15	Heptane	ug/m3	5840	1390	**33.3**	**32.3**	**11.2**	**10.5**	**13**	**2.32**	**2.79**	**6.5**
TO-15	Hexachloro-1,3-butadiene	ug/m3	19	4.25	<6.73	<6.73	<6.73	<6.73	<6.73	<6.73	<6.73	<6.73
TO-15	n-Hexane	ug/m3	10200	2430	**29.1**	**28.9**	**22.4**	**13.4**	**17.5**	**4.2**	**4.9**	**10.9**
TO-15	Isopropylbenzene	ug/m3	5840	1390	<0.983	<0.983	<0.983	<0.983	<0.983	<0.983	<0.983	<0.983
TO-15	Methylene Chloride	ug/m3	8760	2090	<0.694	**0.931**	**4.41**	**1.38**	<0.694	**3.85**	**2.3**	**5.14**

TABLE 1: SUMMARY OF ANALYTICAL DATA COMPARED TO EPA VISLs

Project#					63207052								
Description					Former Flint Oil Property								
Date Collected					4/7/2020					4/8/2020			
Project Sample ID					SG-4-5	SG-4-5-DUP	SG-4-20	SG-5-5	SG-5-20	SG-6-5	SG-6-5-DUP	SG-6-20
Project Sample Depth (ft)					5	5	20	5	20	5	5	20
			EPA VISLs										
Method	Analyte	Units	VISL Comm	VISL Res	Result	Result	Result	Result	Result	Result	Result	Result
TO-15	Methyl Butyl Ketone	ug/m3	438	104	**36.9**	**34.5**	**103**	**88.3**	**190**	**26.7**	**38.1**	**59.3**
TO-15	2-Butanone (MEK)	ug/m3	73000	17400	**811**	**168**	**2500**	**1980**	**2280**	**401**	**484**	**1240**
TO-15	4-Methyl-2-pentanone (MIBK)	ug/m3	43800	10400	<5.12	<5.12	<5.12	**7.08**	<5.12	<5.12	<5.12	<5.12
TO-15	Methyl methacrylate	ug/m3	10200	2430	<0.819	<0.819	<0.819	<0.819	<0.819	<0.819	<0.819	<0.819
TO-15	MTBE	ug/m3	1570	360	<0.721	<0.721	<0.721	<0.721	<0.721	<0.721	<0.721	<0.721
TO-15	Naphthalene	ug/m3	12	2.75	<3.30	<3.30	<3.30	**10.2**	<3.30	<3.30	<3.30	<3.30
TO-15	2-Propanol	ug/m3	2920	695	**9.93**	**9.73**	**11.2**	**14.7**	**23.9**	**12.8**	**7.28**	**6.69**
TO-15	Propene	ug/m3	43800	10400	**86.6**	**79.2**	**267**	**148**	**229**	**31.7**	**36**	**68.7**
TO-15	Styrene	ug/m3	14600	3480	<0.851	<0.851	**0.868**	<0.851	<0.851	<0.851	<0.851	<0.851
TO-15	1,1,2,2-Tetrachloroethane	ug/m3	7	1.61	<1.37	<1.37	<1.37	<1.37	<1.37	<1.37	<1.37	<1.37
TO-15	Tetrachloroethylene	ug/m3	584	139	<1.36	**2.97**	**2.97**	**5.17**	<1.36	<1.36	<1.36	<1.36
TO-15	Tetrahydrofuran	ug/m3	29200	6950	<0.590	<0.590	<0.590	**5.78**	<0.590	<0.590	<0.590	<0.590
TO-15	Toluene	ug/m3	73000	17400	**34.5**	**36.9**	**8.29**	**21.7**	**11**	**3.49**	**5.24**	**26.4**
TO-15	1,2,4-Trichlorobenzene	ug/m3	29	6.95	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66	<4.66
TO-15	1,1,1-Trichloroethane	ug/m3	73000	17400	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09
TO-15	1,1,2-Trichloroethane	ug/m3	3	0.695	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09	<1.09
TO-15	Trichloroethylene	ug/m3	29	6.95	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07	<1.07
TO-15	1,2,4-Trimethylbenzene	ug/m3	876	209	**6.77**	**6.58**	**8.59**	**7.51**	**10.6**	**4.44**	**4.71**	**6.33**
TO-15	1,3,5-Trimethylbenzene	ug/m3	876	209	**2.02**	**1.87**	**2.4**	**2.33**	**2.85**	**1.12**	**1.26**	**1.77**
TO-15	2,2,4-Trimethylpentane	ug/m3			<0.934	**1.03**	<0.934	<0.934	**1.75**	<0.934	<0.934	<0.934
TO-15	Vinyl chloride	ug/m3	93	5.59	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511	<0.511
TO-15	Vinyl Bromide	ug/m3	13	2.92	<0.875	<0.875	<0.875	<0.875	<0.875	<0.875	<0.875	<0.875
TO-15	Vinyl acetate	ug/m3	2920	695	<0.704	<0.704	**5.04**	**2.91**	<0.704	<0.704	<0.704	<0.704
TO-15	m&p-Xylene	ug/m3	1460	348	**12.5**	**13.4**	**6.72**	**14.4**	**8.71**	**8.11**	**9.88**	**15.7**
TO-15	o-Xylene	ug/m3	1460	348	**4.64**	**4.86**	**3.29**	**5.64**	**4.09**	**2.8**	**3.18**	**5.42**

Notes:
VISL - EPA Vapor Intrusion Screening Level
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds EPA Residential VISL
Bold	Exceeds EPA Commercial VISL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-1-S	SS-1-5	SS-1-10	SS-1-15	SS-1-20	SS-1-25	SS-1-30	SS-1-35	SS-1-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								1.2	1.0	30.9	23.6	43.6	32.5	42.5	36.6	28.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.28	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.638	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.638	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.638	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.638	<0.625	<0.625	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/6/2020									
Project Sample ID								SS-1-S	SS-1-5	SS-1-10	SS-1-15	SS-1-20	SS-1-25	SS-1-30	SS-1-35	SS-1-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								1.2	1.0	30.9	23.6	43.6	32.5	42.5	36.6	28.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.55	<2.50	<2.50	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.638	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.638	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.28	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.319	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.128	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.166	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-1-S	SS-1-5	SS-1-10	SS-1-15	SS-1-20	SS-1-25	SS-1-30	SS-1-35	SS-1-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								1.2	1.0	30.9	23.6	43.6	32.5	42.5	36.6	28.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		**0.00682**	**0.00953**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0247**	**0.0307**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0248**	**0.0317**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0503**	**0.0589**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0259**	**0.0353**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0163**	**0.0203**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.0227**	**0.0297**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		**0.00665**	**0.00862**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0399**	**0.0593**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0198**	**0.0263**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	**0.0226**	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0155**	**0.024**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0366**	**0.0514**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/6/2020								
Project Sample ID									SS-1-S	SS-1-5	SS-1-10	SS-1-15	SS-1-20	SS-1-25	SS-1-30	SS-1-35	SS-1-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									1.2	1.0	30.9	23.6	43.6	32.5	42.5	36.6	28.0
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-1-S	SS-1-5	SS-1-10	SS-1-15	SS-1-20	SS-1-25	SS-1-30	SS-1-35	SS-1-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								1.2	1.0	30.9	23.6	43.6	32.5	42.5	36.6	28.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.24**	**5.9**	**5.49**	**6.98**	**4.83**	**3.28**	**14.1**	**6.64**	**3.37**
6010D	BARIUM	mg/kg			15000	170000	12000	**131**	**101**	**109**	**119**	**108**	**50.8**	**481**	**81.6**	**66**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**9.21**	**9.93**	**12.2**	**13.3**	**8.69**	**4.56**	**5.4**	**3.43**	**5.02**
6010D	LEAD	mg/kg			400	800	290	**39**	**33.8**	**17.1**	**13.4**	**11.3**	**8.1**	**6.74**	**15.5**	**9.91**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0597**	<0.0400	**0.0442**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-2-S	SS-2-5	SS-2-10	SS-2-15	SS-2-20	SS-2-25	SS-2-30	SS-2-35	SS-2-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								2.3	13.0	8.9	9.2	21.2	18.5	23.9		16.8
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.34	<1.25	<1.25	<1.25	<1.25	<1.35	<1.25	NR	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0268	<0.0250	<0.0250	<0.0250	<0.0250	<0.0270	<0.0250	NR	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.669	<0.625	<0.625	<0.625	<0.625	<0.675	<0.625	NR	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.669	<0.625	<0.625	<0.625	<0.625	<0.675	<0.625	NR	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.669	<0.625	<0.625	<0.625	<0.625	<0.675	<0.625	NR	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0268	<0.0250	<0.0250	<0.0250	<0.0250	<0.0270	<0.0250	NR	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.669	<0.625	<0.625	<0.625	<0.625	<0.675	<0.625	NR	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-2-S	SS-2-5	SS-2-10	SS-2-15	SS-2-20	SS-2-25	SS-2-30	SS-2-35	SS-2-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								2.3	13.0	8.9	9.2	21.2	18.5	23.9		16.8
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.68	<2.50	<2.50	<2.50	<2.50	<2.70	<2.50	NR	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.669	<0.625	<0.625	<0.625	<0.625	<0.675	<0.625	NR	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.669	<0.625	<0.625	<0.625	<0.625	<0.675	<0.625	NR	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0268	<0.0250	<0.0250	<0.0250	<0.0250	<0.0270	<0.0250	NR	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	PROPENE	mg/kg						<1.34	<1.25	<1.25	<1.25	<1.25	<1.35	<1.25	NR	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0268	<0.0250	<0.0250	<0.0250	<0.0250	<0.0270	<0.0250	NR	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.334	<0.313	<0.313	<0.313	<0.313	<0.338	<0.313	NR	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.134	<0.125	<0.125	<0.125	<0.125	<0.135	<0.125	NR	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0669	<0.0625	<0.0625	<0.0625	<0.0625	<0.0675	<0.0625	NR	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.174	<0.163	<0.163	<0.163	<0.163	<0.176	<0.163	NR	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-2-S	SS-2-5	SS-2-10	SS-2-15	SS-2-20	SS-2-25	SS-2-30	SS-2-35	SS-2-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								2.3	13.0	8.9	9.2	21.2	18.5	23.9		16.8
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		**0.00766**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0529**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0783**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.125**	**0.0082**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0831**	**0.00615**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0431**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.073**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		**0.0187**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.111**	**0.00866**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0698**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0263**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.114**	**0.00936**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/6/2020								
Project Sample ID								SS-2-S	SS-2-5	SS-2-10	SS-2-15	SS-2-20	SS-2-25	SS-2-30	SS-2-35	SS-2-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								2.3	13.0	8.9	9.2	21.2	18.5	23.9		16.8
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.32**	**6.75**	**6.44**	**6.3**	**3.78**	**2.77**	**4.67**	NR	**4.01**
6010D	BARIUM	mg/kg			15000	170000	12000	**142**	**141**	**144**	**75.7**	**50.3**	**37.6**	**30.6**	NR	**317**
6010D	CADMIUM	mg/kg			39	510	29	**0.728**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500
6010D	CHROMIUM	mg/kg					590	**13.8**	**13.6**	**12.8**	**9.8**	**6.12**	**4.34**	**6.06**	NR	**21.5**
6010D	LEAD	mg/kg			400	800	290	**60.6**	**30.6**	**20.3**	**10.4**	**9.32**	**6.19**	**7.61**	NR	**31**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.1**	**0.0671**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/6/2020								
Project Sample ID									SS-2-S	SS-2-5	SS-2-10	SS-2-15	SS-2-20	SS-2-25	SS-2-30	SS-2-35	SS-2-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									2.3	13.0	8.9	9.2	21.2	18.5	23.9		16.8
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052																
Description								Former Flint Oil Site																
Date Collected								4/6/2020								4/7/2020								
Project Sample ID								SS-3	SS-3-5	SS-3-10	SS-3-10 DUP	SS-3-15	SS-3-20	SS-3-25	SS-3-30	SS-3-35	SS-3-40	SS-3-45	SS-3-50	SS-3-55	SS-3-60	SS-3-65	SS-3-70	SS-3-75
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55	60	65	70	75
PID Reading (ppm)								1.0	4.3	9.3	9.3	25.5	14.4	30.5		38.4	32.5	14.5	44.1	9.9	34.5	19.7	7.1	18.1
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052																
Description								Former Flint Oil Site																
Date Collected								4/6/2020								4/7/2020								
Project Sample ID								SS-3	SS-3-5	SS-3-10	SS-3-10 DUP	SS-3-15	SS-3-20	SS-3-25	SS-3-30	SS-3-35	SS-3-40	SS-3-45	SS-3-50	SS-3-55	SS-3-60	SS-3-65	SS-3-70	SS-3-75
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55	60	65	70	75
PID Reading (ppm)								1.0	4.3	9.3	9.3	25.5	14.4	30.5		38.4	32.5	14.5	44.1	9.9	34.5	19.7	7.1	18.1
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHAI	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	NR	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052														
Description								Former Flint Oil Site														
Date Collected								4/6/2020							4/7/2020							
Project Sample ID								SS-3	SS-3-5	SS-3-10	SS-3-10 DUP	SS-3-15	SS-3-20	SS-3-25	SS-3-30	SS-3-35	SS-3-40	SS-3-45	SS-3-50	SS-3-55	SS-3-60	SS-3-65	SS-3-70	SS-3-75
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55	60	65	70	75
PID Reading (ppm)								1.0	4.3	9.3	9.3	25.5	14.4	30.5		38.4	32.5	14.5	44.1	9.9	34.5	19.7	7.1	18.1
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0135**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.00861**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0215**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.00944**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0455**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.0123**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.033**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.00793**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0108**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.02**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.00728**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0383**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.0127**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0219**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.00648**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.00617**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0304**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.0118**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052															
Description								Former Flint Oil Site															
Date Collected								4/6/2020								4/7/2020							
Project Sample ID								SS-3	SS-3-5	SS-3-10	SS-3-10 DUP	SS-3-15	SS-3-20	SS-3-25	SS-3-30	SS-3-35	SS-3-40	SS-3-45	SS-3-50	SS-3-55	SS-3-60	SS-3-65	SS-3-70	SS-3-75
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55	60	65	70	75
PID Reading (ppm)								1.0	4.3	9.3	9.3	25.5	14.4	30.5		38.4	32.5	14.5	44.1	9.9	34.5	19.7	7.1	18.1
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.18**	**6.52**	**6.11**	**6.41**	**7.8**	**2.5**	**5.06**	NR	**6.83**	**3.73**	**5.61**	**5.47**	**6.21**	**3.16**	**2.33**	**2.41**	**4.8**
6010D	BARIUM	mg/kg			15000	170000	12000	**87.2**	**109**	**156**	**108**	**123**	**46.5**	**57.2**	NR	**378**	**85.8**	**155**	**105**	**106**	**155**	**42.1**	**85**	**47.5**
6010D	CADMIUM	mg/kg			39	510	29	**1.01**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**9.98**	**10.5**	**12**	**11.9**	**11.9**	**3.64**	**4.84**	NR	**15.2**	**9.77**	**10.7**	**9.88**	**11.4**	**3.27**	**2.09**	**13.5**	**2.78**
6010D	LEAD	mg/kg			400	800	290	**467**	**69.3**	**27.1**	**15.6**	**15.3**	**4.15**	**7.96**	NR	**27.2**	**10.5**	**22.6**	**10.7**	**23.4**	**7.66**	**6.08**	**9.5**	**4.92**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	<0.0400	**0.0817**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400	<0.0400	**0.0916**	**0.0422**	**0.0884**	<0.0400	<0.0400	<0.0400	<0.0400

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052																
Description									Former Flint Oil Site																
Date Collected									4/6/2020								4/7/2020								
Project Sample ID									SS-3	SS-3-5	SS-3-10	SS-3-10 DUP	SS-3-15	SS-3-20	SS-3-25	SS-3-30	SS-3-35	SS-3-40	SS-3-45	SS-3-50	SS-3-55	SS-3-60	SS-3-65	SS-3-70	SS-3-75
Project Sample Depth (ft)									0	5	10	10	15	20	25	30	35	40	45	50	55	60	65	70	75
PID Reading (ppm)									1.0	4.3	9.3	9.3	25.5	14.4	30.5		38.4	32.5	14.5	44.1	9.9	34.5	19.7	7.1	18.1
			ADEQ SRLs				EPA RSLs																		
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
RSL - EPA Regional Screening Level, THQ 0.1
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/7/2020								
Project Sample ID								SS-4-S	SS-4-5	SS-4-10	SS-4-15	SS-4-20	SS-4-25	SS-4-30	SS-4-35	SS-4-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)										7.2	16.6	28.0	39.2	37.2	25.1	21.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.26	<1.35	<1.25	<1.25	<1.25	<1.25	<0.625	<0.625
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0253	<0.0270	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.631	<0.675	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.631	<0.675	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.631	<0.675	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0253	<0.0270	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.631	<0.675	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/7/2020								
Project Sample ID								SS-4-S	SS-4-5	SS-4-10	SS-4-15	SS-4-20	SS-4-25	SS-4-30	SS-4-35	SS-4-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)										7.2	16.6	28.0	39.2	37.2	25.1	21.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.53	<2.70	<2.50	<2.50	<2.50	<2.50	<0.625	<0.625
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.631	<0.675	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.631	<0.675	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0253	<0.0270	<0.0250	<0.0250	<0.0250	<0.0250	**0.0354**	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.26	<1.35	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0253	<0.0270	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.316	<0.338	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.126	<0.135	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0631	<0.0675	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.164	<0.176	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/7/2020								
Project Sample ID								SS-4-S	SS-4-5	SS-4-10	SS-4-15	SS-4-20	SS-4-25	SS-4-30	SS-4-35	SS-4-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)										7.2	16.6	28.0	39.2	37.2	25.1	21.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	**0.0181**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	**0.0355**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		<0.00600	**0.0451**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.00974**	**0.0964**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.00633**	**0.0632**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	**0.0295**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.00727**	**0.0715**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	**0.0128**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0105**	**0.121**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		<0.00600	**0.0505**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	**0.0312**	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	**0.0849**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.00878**	**0.0965**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/7/2020								
Project Sample ID								SS-4-S	SS-4-5	SS-4-10	SS-4-15	SS-4-20	SS-4-25	SS-4-30	SS-4-35	SS-4-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)										7.2	16.6	28.0	39.2	37.2	25.1	21.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**6.12**	**6.52**	**5.85**	**4.05**	**3.76**	**4.45**	**5.31**	<2.00	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**96.8**	**133**	**104**	**175**	**48.6**	**44.1**	**60.2**	**116**	**66.1**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	**1.08**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**11.1**	**14.8**	**11**	**12.5**	**4.84**	**1.86**	**12.6**	**18.7**	**13.5**
6010D	LEAD	mg/kg			400	800	290	**31.7**	**151**	**14.7**	**15**	**8.03**	**6.5**	**5.69**	**28.2**	**12.9**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0456**	**0.0831**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/7/2020								
Project Sample ID									SS-4-S	SS-4-5	SS-4-10	SS-4-15	SS-4-20	SS-4-25	SS-4-30	SS-4-35	SS-4-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)											7.2	16.6	28.0	39.2	37.2	25.1	21.5
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/7/2020									
Project Sample ID								SS-5-S	SS-5-5	SS-5-10	SS-5-15	SS-5-20	SS-5-25	SS-5-30	SS-5-35	SS-5-35-DUP	SS-5-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								4.5	9.9	13.2	12.6	1.6	31.5		19.4	19.4	33.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0275	<0.0263	<0.0250	<0.0250	<0.0273	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0275	<0.0263	<0.0250	<0.0250	<0.0273	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/7/2020										
Project Sample ID								SS-5-S	SS-5-5	SS-5-10	SS-5-15	SS-5-20	SS-5-25	SS-5-30	SS-5-35	SS-5-35-DUP	SS-5-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								4.5	9.9	13.2	12.6	1.6	31.5		19.4	19.4	33.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.688	<0.656	<0.625	<0.625	<0.681	<0.625	NR	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0275	<0.0263	<0.0250	<0.0250	<0.0273	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.38	<1.31	<1.25	<1.25	<1.36	<1.25	NR	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0275	<0.0263	<0.0250	<0.0250	<0.0273	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.344	<0.328	<0.313	<0.313	<0.341	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.138	<0.131	<0.125	<0.125	<0.136	<0.125	NR	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0688	<0.0656	<0.0625	<0.0625	<0.0681	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.179	<0.171	<0.163	<0.163	<0.177	<0.163	NR	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/7/2020										
Project Sample ID								SS-5-S	SS-5-5	SS-5-10	SS-5-15	SS-5-20	SS-5-25	SS-5-30	SS-5-35	SS-5-35-DUP	SS-5-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								4.5	9.9	13.2	12.6	1.6	31.5		19.4	19.4	33.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.00603**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0071**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0115**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.00811**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.00919**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0133**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.00612**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0117**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/7/2020									
Project Sample ID								SS-5-S	SS-5-5	SS-5-10	SS-5-15	SS-5-20	SS-5-25	SS-5-30	SS-5-35	SS-5-35-DUP	SS-5-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								4.5	9.9	13.2	12.6	1.6	31.5		19.4	19.4	33.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**8.37**	**6.81**	**5.59**	**3**	**3.41**	**2.93**	NR	**2.17**	**2.15**	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**114**	**106**	**123**	**157**	**95.1**	**49.6**	NR	**46.2**	**63.5**	**105**
6010D	CADMIUM	mg/kg			39	510	29	**0.549**	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**9.65**	**9.97**	**12.3**	**9.25**	**10.7**	**12.7**	NR	**7.74**	**8.69**	**12.5**
6010D	LEAD	mg/kg			400	800	290	**25.1**	**27.9**	**23.7**	**17.6**	**12.5**	**7.14**	NR	**12.3**	**17.9**	**18.2**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0562**	**0.0644**	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/7/2020									
Project Sample ID									SS-5-S	SS-5-5	SS-5-10	SS-5-15	SS-5-20	SS-5-25	SS-5-30	SS-5-35	SS-5-35-DUP	SS-5-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)									4.5	9.9	13.2	12.6	1.6	31.5		19.4	19.4	33.5
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-6-S	SS-6-5	SS-6-10	SS-6-15	SS-6-20	SS-6-25	SS-6-30	SS-6-35	SS-6-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								4.0	15.0	8.4	13.6	10.8	32.5	31.2	28.2	20.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0258	<0.0265	<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0258	<0.0265	<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-6-S	SS-6-5	SS-6-10	SS-6-15	SS-6-20	SS-6-25	SS-6-30	SS-6-35	SS-6-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								4.0	15.0	8.4	13.6	10.8	32.5	31.2	28.2	20.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.644	<0.663	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0258	<0.0265	<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.29	<1.33	<1.33	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0258	<0.0265	<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.322	<0.331	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.129	<0.133	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0644	<0.0663	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.167	<0.172	<0.172	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-6-S	SS-6-5	SS-6-10	SS-6-15	SS-6-20	SS-6-25	SS-6-30	SS-6-35	SS-6-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								4.0	15.0	8.4	13.6	10.8	32.5	31.2	28.2	20.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.00658**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0107**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0112**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.00826**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0168**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.00613**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.00671**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0171**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-6-S	SS-6-5	SS-6-10	SS-6-15	SS-6-20	SS-6-25	SS-6-30	SS-6-35	SS-6-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								4.0	15.0	8.4	13.6	10.8	32.5	31.2	28.2	20.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**3.46**	**5.32**	**5.28**	**7.61**	**3.48**	**3.6**	**11.2**	**12.8**	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**98.3**	**118**	**140**	**110**	**40**	**42.7**	**98.6**	**79.1**	**126**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**11.4**	**12**	**10.3**	**16.2**	**3.39**	**4.47**	**18.1**	**11**	**8.37**
6010D	LEAD	mg/kg			400	800	290	**49.6**	**17.7**	**15.8**	**16.6**	**5.8**	**5.91**	**9.12**	**19.7**	**11.1**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0822**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/8/2020								
Project Sample ID									SS-6-S	SS-6-5	SS-6-10	SS-6-15	SS-6-20	SS-6-25	SS-6-30	SS-6-35	SS-6-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									4.0	15.0	8.4	13.6	10.8	32.5	31.2	28.2	20.5
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/8/2020									
Project Sample ID								SS-7-S	SS-7-5	SS-7-10	SS-7-15	SS-7-20	SS-7-25	SS-7-30	SS-7-35	SS-7-35 DUP	SS-7-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								5.8	28.1	17.3	37.3			39.8	43.2	43.2	33.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<0.737	<0.625	<0.625	<1.25	NR	<1.25	<1.33	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0295	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0265	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.737	<0.625	<0.625	<0.625	NR	<0.625	<0.663	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.737	<0.625	<0.625	<0.625	NR	<0.625	<0.663	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.737	<0.625	<0.625	<0.625	NR	<0.625	<0.663	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0295	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0265	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.737	<0.625	<0.625	<0.625	NR	<0.625	<0.663	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/8/2020									
Project Sample ID								SS-7-S	SS-7-5	SS-7-10	SS-7-15	SS-7-20	SS-7-25	SS-7-30	SS-7-35	SS-7-35 DUP	SS-7-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								5.8	28.1	17.3	37.3			39.8	43.2	43.2	33.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<0.737	<0.625	<0.625	<2.50	NR	<2.50	<2.65	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.737	<0.625	<0.625	<0.625	NR	<0.625	<0.663	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.737	<0.625	<0.625	<0.625	NR	<0.625	<0.663	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0295	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0265	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.47	<1.25	<1.25	<1.25	NR	<1.25	<1.33	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0295	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0265	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.369	<0.313	<0.313	<0.313	NR	<0.313	<0.331	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.147	<0.125	<0.125	<0.125	NR	<0.125	<0.133	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0737	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0663	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.192	<0.163	<0.163	<0.163	NR	<0.163	<0.172	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/8/2020										
Project Sample ID								SS-7-S	SS-7-5	SS-7-10	SS-7-15	SS-7-20	SS-7-25	SS-7-30	SS-7-35	SS-7-35 DUP	SS-7-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								5.8	28.1	17.3	37.3			39.8	43.2	43.2	33.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.016**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0178**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0349**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.024**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.00935**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.025**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0417**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0158**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0117**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0345**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/8/2020									
Project Sample ID								SS-7-S	SS-7-5	SS-7-10	SS-7-15	SS-7-20	SS-7-25	SS-7-30	SS-7-35	S-7-35 DU	SS-7-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								5.8	28.1	17.3	37.3			39.8	43.2	43.2	33.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**3.24**	**6.68**	**4.24**	**8.71**	NR	**4.86**	**4.65**	**12.5**	**11.1**	**5.41**
6010D	BARIUM	mg/kg			15000	170000	12000	**114**	**116**	**125**	**167**	NR	**81.2**	**172**	**83.3**	**73.2**	**169**
6010D	CADMIUM	mg/kg			39	510	29	**0.703**	<0.500	<0.500	<0.500	NR	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**11.7**	**11.5**	**13.1**	**14.6**	NR	**7.99**	**2.17**	**11.8**	**10.1**	**9.67**
6010D	LEAD	mg/kg			400	800	290	**122**	**28.5**	**24**	**19.9**	NR	**9.34**	**5.9**	**21.4**	**20.1**	**18.3**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0448**	<0.0400	<0.0400	<0.0400	NR	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/8/2020									
Project Sample ID									SS-7-S	SS-7-5	SS-7-10	SS-7-15	SS-7-20	SS-7-25	SS-7-30	SS-7-35	S-7-35 DU	SS-7-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)									5.8	28.1	17.3	37.3			39.8	43.2	43.2	33.1
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-8-S	SS-8-5	SS-8-10	SS-8-15	SS-8-20	SS-8-25	SS-8-30	SS-8-35	SS-8-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								14.4	28.1	21.6	32.9	16.5	32.7		30.3	26.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.38	<1.26	<1.35	<1.31	NR	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0275	<0.0253	<0.0270	<0.0263	NR	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.688	<0.631	<0.675	<0.656	NR	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.688	<0.631	<0.675	<0.656	NR	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.688	<0.631	<0.675	<0.656	NR	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0275	<0.0253	<0.0270	<0.0263	NR	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.688	<0.631	<0.675	<0.656	NR	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-8-S	SS-8-5	SS-8-10	SS-8-15	SS-8-20	SS-8-25	SS-8-30	SS-8-35	SS-8-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								14.4	28.1	21.6	32.9	16.5	32.7		30.3	26.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.75	<2.53	<2.70	<2.63	NR	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.688	<0.631	<0.675	<0.656	NR	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.688	<0.631	<0.675	<0.656	NR	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0275	<0.0253	<0.0270	<0.0263	NR	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.38	<1.26	<1.35	<1.31	NR	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0275	<0.0253	<0.0270	<0.0263	NR	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.344	<0.316	<0.338	<0.328	NR	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.138	<0.126	<0.135	<0.131	NR	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0688	<0.0631	<0.0675	<0.0656	NR	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.179	<0.164	<0.176	<0.171	NR	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-8-S	SS-8-5	SS-8-10	SS-8-15	SS-8-20	SS-8-25	SS-8-30	SS-8-35	SS-8-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								14.4	28.1	21.6	32.9	16.5	32.7		30.3	26.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.00702**	**0.0169**	**0.00842**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.00824**	0.0196	**0.00932**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0135**	**0.0306**	**0.0155**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.00955**	**0.0186**	**0.00923**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	**0.00822**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.0109**	**0.0207**	**0.012**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0201**	**0.0424**	**0.0159**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.00736**	**0.0151**	**0.00712**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	**0.00875**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0117**	**0.0228**	**0.0112**	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/8/2020								
Project Sample ID								SS-8-S	SS-8-5	SS-8-10	SS-8-15	SS-8-20	SS-8-25	SS-8-30	SS-8-35	SS-8-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								14.4	28.1	21.6	32.9	16.5	32.7		30.3	26.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**4.95**	**4.77**	**4.01**	**3.35**	**6.42**	**18**	NR	**11.3**	**2.34**
6010D	BARIUM	mg/kg			15000	170000	12000	**108**	**105**	**91.5**	**145**	**58**	**36.7**	NR	**70.2**	**121**
6010D	CADMIUM	mg/kg			39	510	29	**1.8**	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**11.9**	**9.34**	**9.24**	**12.6**	**4.75**	**4.02**	NR	**11.7**	**12.4**
6010D	LEAD	mg/kg			400	800	290	**81.5**	**21.2**	**28.5**	**12.5**	**6.96**	**101**	NR	**18.1**	**21.8**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0685**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/8/2020								
Project Sample ID									SS-8-S	SS-8-5	SS-8-10	SS-8-15	SS-8-20	SS-8-25	SS-8-30	SS-8-35	SS-8-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									14.4	28.1	21.6	32.9	16.5	32.7		30.3	26.0
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-9-S	SS-9-5	SS-9-10	SS-9-15	SS-9-20	SS-9-25	SS-9-30	SS-9-35	SS-9-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								11.3	18.7	21.9	16.8	23.6			24.3	22.2
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.50	<1.25	<1.25	<1.25	<1.40	NR	NR	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0300	<0.0250	<0.0250	<0.0250	<0.0280	NR	NR	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.750	<0.625	<0.625	<0.625	<0.700	NR	NR	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.750	<0.625	<0.625	<0.625	<0.700	NR	NR	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.750	<0.625	<0.625	<0.625	<0.700	NR	NR	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0300	<0.0250	<0.0250	<0.0250	<0.0280	NR	NR	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.750	<0.625	<0.625	<0.625	<0.700	NR	NR	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-9-S	SS-9-5	SS-9-10	SS-9-15	SS-9-20	SS-9-25	SS-9-30	SS-9-35	SS-9-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								11.3	18.7	21.9	16.8	23.6			24.3	22.2
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<3.00	<2.50	<2.50	<2.50	<2.80	NR	NR	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.750	<0.625	<0.625	<0.625	<0.700	NR	NR	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.750	<0.625	<0.625	<0.625	<0.700	NR	NR	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0300	<0.0250	<0.0250	<0.0250	<0.0280	NR	NR	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.50	<1.25	<1.25	<1.25	<1.40	NR	NR	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0300	<0.0250	<0.0250	<0.0250	<0.0280	NR	NR	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.375	<0.313	<0.313	<0.313	<0.350	NR	NR	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.150	<0.125	<0.125	<0.125	<0.140	NR	NR	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0750	<0.0625	<0.0625	<0.0625	<0.0700	NR	NR	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.195	<0.163	<0.163	<0.163	<0.182	NR	NR	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-9-S	SS-9-5	SS-9-10	SS-9-15	SS-9-20	SS-9-25	SS-9-30	SS-9-35	SS-9-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								11.3	18.7	21.9	16.8	23.6			24.3	22.2
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.0300	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.0300	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.0300	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0914**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.122**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.216**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.119**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0719**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.111**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.0300	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.294**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.0300	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.092**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.100	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0709**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.166**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.100	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.100	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.100	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-9-S	SS-9-5	SS-9-10	SS-9-15	SS-9-20	SS-9-25	SS-9-30	SS-9-35	SS-9-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								11.3	18.7	21.9	16.8	23.6			24.3	22.2
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**4.14**	**5.63**	**4.35**	**6.23**	**5.15**	NR	NR	**13.2**	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**209**	**167**	**108**	**58**	**68.9**	NR	NR	**47.9**	**82.1**
6010D	CADMIUM	mg/kg			39	510	29	**3.56**	<0.500	<0.500	<0.500	<0.500	NR	NR	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**14.4**	**14.7**	**10.9**	**13.8**	**8.82**	NR	NR	**19.8**	**14.7**
6010D	LEAD	mg/kg			400	800	290	**222**	**25.3**	**13.1**	**8.68**	**8.09**	NR	NR	**26.3**	**19.5**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	NR	NR	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	NR	NR	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0819**	<0.0400	<0.0400	<0.0400	<0.0400	NR	NR	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/9/2020								
Project Sample ID									SS-9-S	SS-9-5	SS-9-10	SS-9-15	SS-9-20	SS-9-25	SS-9-30	SS-9-35	SS-9-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									11.3	18.7	21.9	16.8	23.6			24.3	22.2
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	NR	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	NR	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	NR	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/9/2020									
Project Sample ID								SS-10-S	SS-10-5	SS-10-10	SS-10-15	SS-10-20	SS-10-25	SS-10-30	SS-10-35	SS-10-40	SS-10-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								23.0	25.4	22.1	21.7		27.8	27.8		20.4	20.4
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.31	<1.25	<1.40	NR	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0263	<0.0250	<0.0280	NR	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.656	<0.625	<0.700	NR	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.656	<0.625	<0.700	NR	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.656	<0.625	<0.700	NR	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0263	<0.0250	<0.0280	NR	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.656	<0.625	<0.700	NR	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.63	<2.50	<2.80	NR	<2.50	<2.50

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/9/2020									
Project Sample ID								SS-10-S	SS-10-5	SS-10-10	SS-10-15	SS-10-20	SS-10-25	SS-10-30	SS-10-35	SS-10-40	SS-10-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								23.0	25.4	22.1	21.7		27.8	27.8		20.4	20.4
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.656	<0.625	<0.700	NR	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.656	<0.625	<0.700	NR	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0263	<0.0250	<0.0280	NR	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.31	<1.25	<1.40	NR	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0263	<0.0250	<0.0280	NR	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.328	<0.313	<0.350	NR	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	**0.23**	**0.285**
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	**0.133**	**0.177**
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.131	<0.125	<0.140	NR	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0656	<0.0625	<0.0700	NR	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.171	<0.163	<0.182	NR	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/9/2020									
Project Sample ID								SS-10-S	SS-10-5	SS-10-10	SS-10-15	SS-10-20	SS-10-25	SS-10-30	SS-10-35	SS-10-40	SS-10-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								23.0	25.4	22.1	21.7		27.8	27.8		20.4	20.4
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0139**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0171**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0321**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0217**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0108**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.0184**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0456**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0141**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	**0.0804**	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0111**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.026**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	**0.0416**	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	**0.0588**	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/9/2020									
Project Sample ID								SS-10-S	SS-10-5	SS-10-10	SS-10-15	SS-10-20	SS-10-25	SS-10-30	SS-10-35	SS-10-40	SS-10-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								23.0	25.4	22.1	21.7		27.8	27.8		20.4	20.4
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**7.43**	**6.36**	**7.41**	**6.95**	**6.48**	**3.67**	**9.98**	NR	**3.4**	**7.54**
6010D	BARIUM	mg/kg			15000	170000	12000	**156**	**154**	**110**	**115**	**131**	**55.5**	**172**	NR	**71.6**	**134**
6010D	CADMIUM	mg/kg			39	510	29	**1.74**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**15.4**	**11.9**	**10.7**	**15.9**	**14.1**	**3.75**	**6.05**	NR	**5.91**	**12.9**
6010D	LEAD	mg/kg			400	800	290	**126**	**18.7**	**13.5**	**12.8**	**14**	**7.76**	**10.1**	NR	**9.83**	**23.8**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.46**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/9/2020									
Project Sample ID									SS-10-S	SS-10-5	SS-10-10	SS-10-15	SS-10-20	SS-10-25	SS-10-30	SS-10-35	SS-10-40	SS-10-40 DUP
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)									23.0	25.4	22.1	21.7		27.8	27.8		20.4	20.4
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-11-S	SS-11-5	SS-11-10	SS-11-15	SS-11-20	SS-11-25	SS-11-30	SS-11-35	SS-11-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								13.2	15.9	22.5	23.1	26.8	25.5	25.2	32.4	17.3
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.28	<1.29	<1.26	<1.26	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0255	<0.0258	<0.0253	<0.0253	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.638	<0.644	<0.631	<0.631	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.638	<0.644	<0.631	<0.631	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.638	<0.644	<0.631	<0.631	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0255	<0.0258	<0.0253	<0.0253	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		**0.18**	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.638	<0.644	<0.631	<0.631	<0.625	<0.625	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-11-S	SS-11-5	SS-11-10	SS-11-15	SS-11-20	SS-11-25	SS-11-30	SS-11-35	SS-11-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								13.2	15.9	22.5	23.1	26.8	25.5	25.2	32.4	17.3
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.55	<2.58	<2.53	<2.53	<2.50	<2.50	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.638	<0.644	<0.631	<0.631	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.638	<0.644	<0.631	<0.631	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0255	<0.0258	<0.0253	<0.0253	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.28	<1.29	<1.26	<1.26	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0255	<0.0258	<0.0253	<0.0253	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.319	<0.322	<0.316	<0.316	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.128	<0.129	<0.126	<0.126	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0638	<0.0644	<0.0631	<0.0631	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		**1.06**	<0.167	<0.164	<0.164	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-11-S	SS-11-5	SS-11-10	SS-11-15	SS-11-20	SS-11-25	SS-11-30	SS-11-35	SS-11-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								13.2	15.9	22.5	23.1	26.8	25.5	25.2	32.4	17.3
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.148**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.209**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.367**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.267**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.124**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.223**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.404**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.213**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.107**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.299**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/9/2020								
Project Sample ID								SS-11-S	SS-11-5	SS-11-10	SS-11-15	SS-11-20	SS-11-25	SS-11-30	SS-11-35	SS-11-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								13.2	15.9	22.5	23.1	26.8	25.5	25.2	32.4	17.3
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**4.02**	**4.43**	**4.12**	**3.24**	**4.58**	**14.1**	**2.69**	**4.24**	**4.4**
6010D	BARIUM	mg/kg			15000	170000	12000	**123**	**119**	**152**	**128**	**131**	**45.4**	**228**	**78.4**	**116**
6010D	CADMIUM	mg/kg			39	510	29	**1.33**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**14.2**	**10.9**	**11.5**	**15.6**	**12.1**	**3.92**	**2.65**	**9.05**	**6.82**
6010D	LEAD	mg/kg			400	800	290	**75.5**	**41.3**	**26.4**	**12.1**	**17.2**	**6.28**	**8.44**	**18.2**	**12.2**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.103**	**0.0973**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/9/2020								
Project Sample ID									SS-11-S	SS-11-5	SS-11-10	SS-11-15	SS-11-20	SS-11-25	SS-11-30	SS-11-35	SS-11-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									13.2	15.9	22.5	23.1	26.8	25.5	25.2	32.4	17.3
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052															
Description								Former Flint Oil Site															
Date Collected								4/9/2020									4/10/2020						
Project Sample ID								SS-12-S	SS-12-5	SS-12-10	SS-12-15	SS-12-20	SS-12-25	SS-12-30	SS-12-35	SS-12-40	SS-12-45	SS-12-50	SS-12-55	SS-12-60	SS-12-65	SS-12-70	SS-12-75	SS-12-75 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	75
PID Reading (ppm)								11.2	16.7	19.0	30.5	32.5	27.1	34.4	301.4		1046	454.8	689.1	664.2	669.7	456.2	89.3	89.3
			ADEQ SRLs				ADEQ GPL																
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25	<1.25	<1.38	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0275	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.688	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.688	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	**0.987**	**1.09**	**0.397**	**0.507**	<0.313	<0.313	**0.631**
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	**0.743**	**0.811**	<0.344	**0.368**	<0.313	<0.313	**0.494**
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.688	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0275	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	**0.155**	**0.158**	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	**3.59**	**3.72**	**0.882**	**0.684**	<0.125	<0.125	**0.691**
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.688	<0.625	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	**0.421**	**0.432**	**0.144**	<0.0625	<0.0625	<0.0625	**0.264**
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	**0.66**	**0.727**	**0.269**	**0.33**	<0.125	<0.125	**0.384**
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	NR	<2.50	<2.50	<2.50	<2.50	<2.75	<2.50	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.688	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625	<0.688	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0275	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	**0.923**	**0.575**	**0.185**	**0.209**	<0.125	<0.125	**0.469**
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<6.25	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25	<1.25	<1.38	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	**0.878**	**0.869**	**0.288**	**0.177**	<0.125	<0.125	**0.205**

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052															
Description								Former Flint Oil Site															
Date Collected								4/9/2020									4/10/2020						
Project Sample ID								SS-12-S	SS-12-5	SS-12-10	SS-12-15	SS-12-20	SS-12-25	SS-12-30	SS-12-35	SS-12-40	SS-12-45	SS-12-50	SS-12-55	SS-12-60	SS-12-65	SS-12-70	SS-12-75	SS-12-75 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	75
PID Reading (ppm)								11.2	16.7	19.0	30.5	32.5	27.1	34.4	301.4		1046	454.8	689.1	664.2	669.7	456.2	89.3	89.3
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHAN	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125	<0.138	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250	<0.0275	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313	<0.344	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	**0.226**	**7.2**	**7.71**	**1.88**	**2.56**	<0.125	**0.582**	**3.53**
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	**0.126**	**4.32**	**4.49**	**1.12**	**1.14**	<0.125	**0.325**	**1.64**
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	**1.96**	**2.1**	**0.708**	**0.716**	<0.125	**0.156**	**0.88**
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625	<0.0688	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	NR	<0.163	<0.163	**0.381**	**0.421**	<0.179	<0.163	<0.163	<0.163	<0.163

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
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GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052													
Description								Former Flint Oil Site													
Date Collected								4/9/2020								4/10/2020					
Project Sample ID								SS-12-S	SS-12-5	SS-12-10	SS-12-15	SS-12-20	SS-12-25	SS-12-30	SS-12-35	SS-12-40	SS-12-45	SS-12-50	SS-12-55	SS-12-60	SS-12-65	SS-12-70	SS-12-75	SS-12-75 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	75
PID Reading (ppm)								11.2	16.7	19.0	30.5	32.5	27.1	34.4	301.4		1046	454.8	689.1	664.2	669.7	456.2	89.3	89.3
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.196**	**0.0537**	**0.195**	**0.0544**	**0.203**	**0.0106**	**0.0181**	**0.0157**
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0233**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.031**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.06**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0356**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0179**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.0301**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		**0.00743**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0781**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.00824**	<0.00600	<0.00600	<0.00600	**0.00679**	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.31**	**0.0534**	**0.266**	**0.0613**	**0.208**	**0.0127**	**0.0195**	**0.0175**
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0293**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	**0.33**	**0.209**	**0.135**	**0.147**	**0.107**	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0153**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	**0.0133**	**0.882**	**0.128**	**0.631**	**0.147**	**0.76**	**0.0311**	**0.057**	**0.0532**
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.052**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	**0.0748**	<0.00600	**0.0436**	**0.00922**	**0.0575**	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	**1.98**	**0.585**	**1.71**	**0.547**	**1.82**	**0.0978**	**0.159**	**0.142**
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	**1.64**	**0.822**	**0.237**	**0.657**	**0.0861**	**0.0481**	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
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SRL - ADEQ Soil Remediation Level
GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
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TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052																
Description								Former Flint Oil Site																
Date Collected								4/9/2020									4/10/2020							
Project Sample ID								SS-12-S	SS-12-5	SS-12-10	SS-12-15	SS-12-20	SS-12-25	SS-12-30	SS-12-35	SS-12-40	SS-12-45	SS-12-50	SS-12-55	SS-12-60	SS-12-65	SS-12-70	SS-12-75	SS-12-75 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	75
PID Reading (ppm)								11.2	16.7	19.0	30.5	32.5	27.1	34.4	301.4		1046	454.8	689.1	664.2	669.7	456.2	89.3	89.3
			ADEQ SRLs				ADEQ GPL																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.64**	**3.99**	**4.18**	**7.93**	**2.6**	**7.02**	**5.26**	NR	**4.52**	**5.62**	**8.32**	**6.92**	**2.87**	<2.00	**2.1**	**3.31**	**2.15**
6010D	BARIUM	mg/kg			15000	170000	12000	**141**	**104**	**144**	**134**	**43.5**	**59.7**	**126**	NR	**336**	**65.6**	**90.2**	**65.1**	**87.2**	**37**	**105**	**138**	**133**
6010D	CADMIUM	mg/kg			39	510	29	**0.568**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**14.3**	**11.9**	**10.6**	**12.2**	**4.2**	**7.1**	**4.31**	NR	**12.6**	**8.69**	**5.22**	**3.86**	**6.66**	**1.92**	**8.27**	**10.1**	**8.48**
6010D	LEAD	mg/kg			400	800	290	**72.2**	**16.2**	**15.7**	**14.5**	**5.4**	**7.81**	**7.19**	NR	**20.6**	**11.2**	**11.6**	**5.62**	**11.9**	**3.78**	**9.86**	**20.9**	**10.9**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.065**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400	**0.0743**	<0.0400	<0.0400	<0.0400	<0.0324	**0.0496**	**0.0526**	**0.0443**

Notes:
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Project#									63207052															
Description									Former Flint Oil Site															
Date Collected									4/9/2020									4/10/2020						
Project Sample ID									SS-12-S	SS-12-5	SS-12-10	SS-12-15	SS-12-20	SS-12-25	SS-12-30	SS-12-35	SS-12-40	SS-12-45	SS-12-50	SS-12-55	SS-12-60	SS-12-65	SS-12-70	SS-12-75	SS-12-75 DUP
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	75
PID Reading (ppm)									11.2	16.7	19.0	30.5	32.5	27.1	34.4	301.4		1046	454.8	689.1	664.2	669.7	456.2	89.3	89.3
			ADEQ SRLs				EPA RSLs																	
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
RSL - EPA Regional Screening Level, THQ 0.1
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052												
Description								Former Flint Oil Site												
Date Collected								4/9/2020						4/10/2020						
Project Sample ID								SS-13-S	SS-13-5	SS-13-5 DUP	SS-13-10	SS-13-15	SS-13-20	SS-13-25	SS-13-30	SS-13-35	SS-13-40	SS-13-45	SS-13-50	SS-13-55
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55
PID Reading (ppm)								18.8	20.7	20.7	8.9	30.5	32.5	27.1	34.4	301.4		23.0	22.1	23.0
			ADEQ SRLs				ADEQ GPL													
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<2.50	<2.65	<2.50	<0.625	<0.625	<0.625	<0.625	<0.625	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0500	<0.0530	<0.0500	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<1.25	<1.33	<1.25	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<1.25	<1.33	<1.25	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<1.25	<1.33	<1.25	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0500	<0.0530	<0.0500	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<1.25	<1.33	<1.25	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052													
Description								Former Flint Oil Site													
Date Collected								4/9/2020						4/10/2020							
Project Sample ID								SS-13-S	SS-13-5	SS-13-5 DUP	SS-13-10	SS-13-15	SS-13-20	SS-13-25	SS-13-30	SS-13-35	SS-13-40	SS-13-45	SS-13-50	SS-13-55
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55
PID Reading (ppm)								18.8	20.7	20.7	8.9	30.5	32.5	27.1	34.4	301.4		23.0	22.1	23.0
			ADEQ SRLs				ADEQ GPL													
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<5.00	<5.30	<5.00	<0.625	<0.625	<0.625	<0.625	<0.625	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<1.25	<1.33	<1.25	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<1.25	<1.33	<1.25	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0500	<0.0530	<0.0500	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<2.50	<2.65	<2.50	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHAN	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0500	<0.0530	<0.0500	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.625	<0.663	<0.625	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.250	<0.265	<0.250	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.125	<0.133	<0.125	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.325	<0.345	<0.325	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052												
Description								Former Flint Oil Site												
Date Collected								4/9/2020						4/10/2020						
Project Sample ID								SS-13-S	SS-13-5	SS-13-5 DUP	SS-13-10	SS-13-15	SS-13-20	SS-13-25	SS-13-30	SS-13-35	SS-13-40	SS-13-45	SS-13-50	SS-13-55
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55
PID Reading (ppm)								18.8	20.7	20.7	8.9	30.5	32.5	27.1	34.4	301.4		23.0	22.1	23.0
			ADEQ SRLs				ADEQ GPL													
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.143**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.396**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.0177**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.656**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	**0.299**	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**1.67**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.0851**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	**1.96**	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	**0.986**	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052												
Description								Former Flint Oil Site												
Date Collected								4/9/2020						4/10/2020						
Project Sample ID								SS-13-S	SS-13-5	SS-13-5 DUP	SS-13-10	SS-13-15	SS-13-20	SS-13-25	SS-13-30	SS-13-35	SS-13-40	SS-13-45	SS-13-50	SS-13-55
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40	45	50	55
PID Reading (ppm)								18.8	20.7	20.7	8.9	30.5	32.5	27.1	34.4	301.4		23.0	22.1	23.0
			ADEQ SRLs				ADEQ GPL													
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**7.35**	**6.02**	**5.64**	**5.1**	**5.37**	**2.4**	**2.77**	**7.1**	**3.52**	**12.2**	**2**	<2.00	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**154**	**100**	**96.3**	**125**	**130**	**62**	**53.7**	**39.4**	**48.9**	**211**	**45**	**94.8**	**182**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**11**	**10.9**	**11.2**	**13.2**	**15.2**	**5.9**	**5.51**	**6.01**	**5.7**	**6.96**	**4.36**	**3.01**	**9.65**
6010D	LEAD	mg/kg			400	800	290	**17.7**	**15.9**	**15.6**	**17.6**	**24.2**	**7.08**	**8.17**	**7.99**	**8.97**	**9.18**	**5.8**	**3.51**	**12**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	**0.0473**	**0.0669**	**0.0839**

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
GPL - ADEQ Groundwater Protection Limit
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052												
Description									Former Flint Oil Site												
Date Collected									4/9/2020						4/10/2020						
Project Sample ID									SS-13-S	SS-13-5	SS-13-5 DUP	SS-13-10	SS-13-15	SS-13-20	SS-13-25	SS-13-30	SS-13-35	SS-13-40	SS-13-45	SS-13-50	SS-13-55
Project Sample Depth (ft)									0	5	10	10	15	20	25	30	35	40	45	50	55
PID Reading (ppm)									18.8	20.7	20.7	8.9	30.5	32.5	27.1	34.4	301.4		23.0	22.1	23.0
			ADEQ SRLs				EPA RSLs														
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
RSL - EPA Regional Screening Level, THQ 0.1
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-14-S	SS-14-5	SS-14-10	SS-14-15	SS-14-20	SS-14-25	SS-14-30	SS-14-35	SS-14-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								3.4	9.2	7.2	15.8	22.4		24.7	13.0	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.30	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	BENZENE	mg/kg	0.65			1.4		<0.0260	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR
8260B	BROMOBENZENE	mg/kg			28	92		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	BROMOFORM	mg/kg	69	690		2200		<0.650	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.650	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	CHLOROMETHANE	mg/kg			48	160		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	4-CHLOROTOLUENE	mg/kg						<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.650	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0260	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	4-ETHYLTOLUENE	mg/kg						<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.650	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-14-S	SS-14-5	SS-14-10	SS-14-15	SS-14-20	SS-14-25	SS-14-30	SS-14-35	SS-14-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								3.4	9.2	7.2	15.8	22.4		24.7	13.0	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.60	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	NR
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.650	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.650	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0260	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	NAPHTHALENE	mg/kg			56	190		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	PROPENE	mg/kg						<1.30	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	STYRENE	mg/kg			1500	1500		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,1,2-TRICHLOROTRIFLUOROETHANI	mg/kg			5600	5600	1.3	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	TOLUENE	mg/kg			650	650		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0260	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.325	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.130	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0650	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.169	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	NR

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-14-S	SS-14-5	SS-14-10	SS-14-15	SS-14-20	SS-14-25	SS-14-30	SS-14-35	SS-14-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								3.4	9.2	7.2	15.8	22.4		24.7	13.0	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	PYRENE	mg/kg			2300	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-14-S	SS-14-5	SS-14-10	SS-14-15	SS-14-20	SS-14-25	SS-14-30	SS-14-35	SS-14-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								3.4	9.2	7.2	15.8	22.4		24.7	13.0	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**2.68**	**7.23**	**5.24**	**3.86**	**3.56**	**2.95**	**9.5**	**4**	NR
6010D	BARIUM	mg/kg			15000	170000	12000	**138**	**147**	**105**	**29.8**	**49.3**	**53.3**	**57.6**	**154**	NR
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR
6010D	CHROMIUM	mg/kg					590	**5.92**	**11.8**	**10.5**	**6.31**	**4.79**	**3.93**	**14.1**	**14.9**	NR
6010D	LEAD	mg/kg			400	800	290	**29.2**	**20.1**	**14.2**	**6.69**	**7.37**	**6.85**	**8.46**	**21.5**	NR
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR
7471B	MERCURY	mg/kg			23	310	12	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/13/2020								
Project Sample ID									SS-14-S	SS-14-5	SS-14-10	SS-14-15	SS-14-20	SS-14-25	SS-14-30	SS-14-35	SS-14-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									3.4	9.2	7.2	15.8	22.4		24.7	13.0	
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-15-S	SS-15-5	SS-15-10	SS-15-15	SS-15-20	SS-15-25	SS-15-30	SS-15-35	SS-15-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								12.6	16.7	21.0	14.1	12.5	32.8	28.5	20.9	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-15-S	SS-15-5	SS-15-10	SS-15-15	SS-15-20	SS-15-25	SS-15-30	SS-15-35	SS-15-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								12.6	16.7	21.0	14.1	12.5	32.8	28.5	20.9	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-15-S	SS-15-5	SS-15-10	SS-15-15	SS-15-20	SS-15-25	SS-15-30	SS-15-35	SS-15-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								12.6	16.7	21.0	14.1	12.5	32.8	28.5	20.9	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.00881**	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	**0.00777**	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

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Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-15-S	SS-15-5	SS-15-10	SS-15-15	SS-15-20	SS-15-25	SS-15-30	SS-15-35	SS-15-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								12.6	16.7	21.0	14.1	12.5	32.8	28.5	20.9	
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**4.41**	**6.41**	**5.23**	**9.09**	**3.75**	**3.59**	**6.39**	**4.06**	**7.43**
6010D	BARIUM	mg/kg			15000	170000	12000	**106**	**83.5**	**125**	**128**	**48.7**	**35**	**80.9**	**81**	**227**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**9.81**	**11.4**	**11.1**	**13.2**	**4.53**	**3.39**	**5.7**	**8.73**	**14.2**
6010D	LEAD	mg/kg			400	800	290	**26.1**	**14.9**	**16.5**	**15.5**	**7.33**	**9.28**	**12.4**	**13.7**	**24.3**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0553**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/13/2020								
Project Sample ID									SS-15-S	SS-15-5	SS-15-10	SS-15-15	SS-15-20	SS-15-25	SS-15-30	SS-15-35	SS-15-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									12.6	16.7	21.0	14.1	12.5	32.8	28.5	20.9	
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/13/2020										
Project Sample ID								SS-16-S	SS-16-5	SS-16-10	SS-16-10 DUP	SS-16-15	SS-16-20	SS-16-25	SS-16-30	SS-16-35	SS-16-40
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40
PID Reading (ppm)								9.5	8.8	18.4	18.4	19.8			11.2	17.3	26.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/13/2020									
Project Sample ID								SS-16-S	SS-16-5	SS-16-10	SS-16-10 DUP	SS-16-15	SS-16-20	SS-16-25	SS-16-30	SS-16-35	SS-16-40
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40
PID Reading (ppm)								9.5	8.8	18.4	18.4	19.8			11.2	17.3	26.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	**0.124**	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/13/2020									
Project Sample ID								SS-16-S	SS-16-5	SS-16-10	SS-16-10 DUP	SS-16-15	SS-16-20	SS-16-25	SS-16-30	SS-16-35	SS-16-40
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40
PID Reading (ppm)								9.5	8.8	18.4	18.4	19.8			11.2	17.3	26.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		<0.0600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/13/2020										
Project Sample ID								SS-16-S	SS-16-5	SS-16-10	SS-16-10 DUP	SS-16-15	SS-16-20	SS-16-25	SS-16-30	SS-16-35	SS-16-40
Project Sample Depth (ft)								0	5	10	10	15	20	25	30	35	40
PID Reading (ppm)								9.5	8.8	18.4	18.4	19.8			11.2	17.3	26.5
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.38**	**7.08**	**5.13**	**4.42**	**7.45**	**3.66**	**4.26**	**6.09**	**9.36**	**2.49**
6010D	BARIUM	mg/kg			15000	170000	12000	**105**	**159**	**118**	**113**	**174**	**61.8**	**59**	**181**	**60.6**	**77.7**
6010D	CADMIUM	mg/kg			39	510	29	**0.949**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**13.3**	**12.5**	**12.8**	**12.8**	**12.9**	**8.56**	**4.99**	**4.81**	**15.4**	**11.4**
6010D	LEAD	mg/kg			400	800	290	**164**	**19.8**	**16.8**	**16.8**	**18.7**	**8.03**	**7.04**	**8.52**	**18.6**	**10.2**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/13/2020									
Project Sample ID									SS-16-S	SS-16-5	SS-16-10	SS-16-10 DUP	SS-16-15	SS-16-20	SS-16-25	SS-16-30	SS-16-35	SS-16-40
Project Sample Depth (ft)									0	5	10	10	15	20	25	30	35	40
PID Reading (ppm)									9.5	8.8	18.4	18.4	19.8			11.2	17.3	26.5
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
RSL - EPA Regional Screening Level, THQ 0.1
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/13/2020									
Project Sample ID								SS-17-S	SS-17-5	SS-17-10	SS-17-15	SS-17-20	SS-17-25	SS-17-30	SS-17-35	SS-17-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								5.3	13.3	20.7	22.1	21.6		21.6	17.1	23.6
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.31	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0263	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.656	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.656	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.656	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0263	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.656	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/13/2020									
Project Sample ID								SS-17-S	SS-17-5	SS-17-10	SS-17-15	SS-17-20	SS-17-25	SS-17-30	SS-17-35	SS-17-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								5.3	13.3	20.7	22.1	21.6		21.6	17.1	23.6
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.63	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.656	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.656	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0263	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.31	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0263	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.328	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.131	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0656	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.171	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-17-S	SS-17-5	SS-17-10	SS-17-15	SS-17-20	SS-17-25	SS-17-30	SS-17-35	SS-17-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								5.3	13.3	20.7	22.1	21.6		21.6	17.1	23.6
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.00626**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0125**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0116**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.00807**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0196**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.00637**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.00767**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0156**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/13/2020								
Project Sample ID								SS-17-S	SS-17-5	SS-17-10	SS-17-15	SS-17-20	SS-17-25	SS-17-30	SS-17-35	SS-17-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								5.3	13.3	20.7	22.1	21.6		21.6	17.1	23.6
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**15.1**	**5.44**	**4.73**	**6.18**	**3.52**	**3.12**	**5.83**	**8.08**	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**123**	**111**	**96.1**	**98.3**	**40.3**	**47.4**	**145**	**292**	**76.7**
6010D	CADMIUM	mg/kg			39	510	29	**0.787**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**14.7**	**12.3**	**12.7**	**13.6**	**3.43**	**4.75**	**3.73**	**13.9**	**13.1**
6010D	LEAD	mg/kg			400	800	290	**276**	**31.8**	**16.5**	**14.6**	**6.56**	**14**	**5.86**	**23.6**	**10.3**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0882**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	**0.115**

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/13/2020								
Project Sample ID									SS-17-S	SS-17-5	SS-17-10	SS-17-15	SS-17-20	SS-17-25	SS-17-30	SS-17-35	SS-17-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									5.3	13.3	20.7	22.1	21.6		21.6	17.1	23.6
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/13/2020										
Project Sample ID								SS-18-S	SS-18-5	SS-18-10	SS-18-15	SS-18-20	SS-18-20 DUP	SS-18-25	SS-18-30	SS-18-35	SS-18-40
Project Sample Depth (ft)								0	5	10	15	20	20	25	30	35	40
PID Reading (ppm)								9.5	18.4	143.6	59.5	28.7	28.7	33.9	22.9	30.7	25.6
			ADEQ SRLs				ADEQ GPL											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.33	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.65	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/13/2020										
Project Sample ID								SS-18-S	SS-18-5	SS-18-10	SS-18-15	SS-18-20	SS-18-20 DUP	SS-18-25	SS-18-30	SS-18-35	SS-18-40
Project Sample Depth (ft)								0	5	10	15	20	20	25	30	35	40
PID Reading (ppm)								9.5	18.4	143.6	59.5	28.7	28.7	33.9	22.9	30.7	25.6
			ADEQ SRLs				ADEQ GPL											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.663	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.33	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0265	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.331	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.133	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0663	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.172	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/13/2020									
Project Sample ID								SS-18-S	SS-18-5	SS-18-10	SS-18-15	SS-18-20	SS-18-20 DUP	SS-18-25	SS-18-30	SS-18-35	SS-18-40
Project Sample Depth (ft)								0	5	10	15	20	20	25	30	35	40
PID Reading (ppm)								9.5	18.4	143.6	59.5	28.7	28.7	33.9	22.9	30.7	25.6
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	**1.65**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	**0.391**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	**0.0703**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.00657**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0124**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.01**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.00706**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0114**	<0.00600	**0.0244**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	**0.241**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.00656**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	**1.62**	<0.00600	**0.00979**	**0.0227**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0109**	<0.00600	**0.125**	<0.00600	**0.00803**	**0.0171**	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/13/2020										
Project Sample ID								SS-18-S	SS-18-5	SS-18-10	SS-18-15	SS-18-20	S-18-20 DU	SS-18-25	SS-18-30	SS-18-35	SS-18-40
Project Sample Depth (ft)								0	5	10	15	20	20	25	30	35	40
PID Reading (ppm)								9.5	18.4	143.6	59.5	28.7	28.7	33.9	22.9	30.7	25.6
			ADEQ SRLs				ADEQ GPL											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**7.88**	**5.1**	**4.24**	**5.17**	**5.01**	**4.72**	**3.61**	**6.38**	**2.89**	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**137**	**85.1**	**83.3**	**121**	**108**	**113**	**84.1**	**63.1**	**150**	**178**
6010D	CADMIUM	mg/kg			39	510	29	**0.683**	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**14.9**	**13**	**11.9**	**13.1**	**12.5**	**12.3**	**6.85**	**8.71**	**14.1**	**8.63**
6010D	LEAD	mg/kg			400	800	290	**112**	**15.9**	**12.6**	**15**	**14.2**	**14.1**	**11.7**	**8.58**	**29.2**	**9.8**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.109**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052										
Description									Former Flint Oil Site										
Date Collected									4/13/2020										
Project Sample ID									SS-18-S	SS-18-5	SS-18-10	SS-18-15	SS-18-20	SS-18-20 DUP	SS-18-25	SS-18-30	SS-18-35	SS-18-40
Project Sample Depth (ft)									0	5	10	15	20	20	25	30	35	40
PID Reading (ppm)									9.5	18.4	143.6	59.5	28.7	28.7	33.9	22.9	30.7	25.6
			ADEQ SRLs				EPA RSLs												
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-19-S	SS-19-5	SS-19-10	SS-19-15	SS-19-20	SS-19-25	SS-19-30	SS-19-35	SS-19-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.2	1.2	20.1	8.7	17.4	22.2	25.4	17.0	16.9
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.40	<1.25	<1.25	<1.33	<1.25	<1.26	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0280	<0.0250	<0.0250	<0.0265	<0.0250	<0.0253	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.700	<0.625	<0.625	<0.663	<0.625	<0.631	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.700	<0.625	<0.625	<0.663	<0.625	<0.631	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.700	<0.625	<0.625	<0.663	<0.625	<0.631	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0280	<0.0250	<0.0250	<0.0265	<0.0250	<0.0253	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		**0.136**	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.700	<0.625	<0.625	<0.663	<0.625	<0.631	<0.625	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-19-S	SS-19-5	SS-19-10	SS-19-15	SS-19-20	SS-19-25	SS-19-30	SS-19-35	SS-19-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.2	1.2	20.1	8.7	17.4	22.2	25.4	17.0	16.9
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.80	<2.50	<2.50	<2.65	<2.50	<2.53	<2.50	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.700	<0.625	<0.625	<0.663	<0.625	<0.631	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.700	<0.625	<0.625	<0.663	<0.625	<0.631	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0280	<0.0250	<0.0250	<0.0265	<0.0250	<0.0253	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.40	<1.25	<1.25	<1.33	<1.25	<1.26	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0280	<0.0250	<0.0250	<0.0265	<0.0250	<0.0253	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.350	<0.313	<0.313	<0.331	<0.313	<0.316	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.140	<0.125	<0.125	<0.133	<0.125	<0.126	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0700	<0.0625	<0.0625	<0.0663	<0.0625	<0.0631	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		**0.618**	<0.163	<0.163	<0.172	<0.163	<0.164	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-19-S	SS-19-5	SS-19-10	SS-19-15	SS-19-20	SS-19-25	SS-19-30	SS-19-35	SS-19-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.2	1.2	20.1	8.7	17.4	22.2	25.4	17.0	16.9
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0379**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0576**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0871**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0587**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0373**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.052**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		**0.0119**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0982**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0471**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0211**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0855**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-19-S	SS-19-5	SS-19-10	SS-19-15	SS-19-20	SS-19-25	SS-19-30	SS-19-35	SS-19-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.2	1.2	20.1	8.7	17.4	22.2	25.4	17.0	16.9
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.85**	**6.87**	**4.42**	**3.38**	**6.49**	**3.88**	**4.97**	**8.35**	**6.89**
6010D	BARIUM	mg/kg			15000	170000	12000	**197**	**181**	**105**	**62.5**	**137**	**74.6**	**68.6**	**274**	**445**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**18.3**	**11.2**	**11.1**	**9.73**	**12.7**	**5.92**	**12.5**	**12.7**	**11.3**
6010D	LEAD	mg/kg			400	800	290	**92.9**	**17.1**	**17**	**10.1**	**22.2**	**7.05**	**9.63**	**36.3**	**21.1**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.101**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/14/2020								
Project Sample ID									SS-19-S	SS-19-5	SS-19-10	SS-19-15	SS-19-20	SS-19-25	SS-19-30	SS-19-35	SS-19-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									6.2	1.2	20.1	8.7	17.4	22.2	25.4	17.0	16.9
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/14/2020										
Project Sample ID								SS-20-S	SS-20-5	SS-20-10	SS-20-15	SS-20-20	SS-20-25	SS-20-30	SS-20-35	SS-20-40	SS-20-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								11.5	14.9	10.9	10.4	26.3		24.2	16.4	11.1	11.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	NR	<2.50	<2.50	<2.50	<2.50

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-20-S	SS-20-5	SS-20-10	SS-20-15	SS-20-20	SS-20-25	SS-20-30	SS-20-35	SS-20-40	SS-20-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								11.5	14.9	10.9	10.4	26.3		24.2	16.4	11.1	11.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	NR	<0.163	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-20-S	SS-20-5	SS-20-10	SS-20-15	SS-20-20	SS-20-25	SS-20-30	SS-20-35	SS-20-40	SS-20-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								11.5	14.9	10.9	10.4	26.3		24.2	16.4	11.1	11.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.00996**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.00999**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0186**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0123**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.0112**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0224**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.00741**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.017**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/14/2020										
Project Sample ID								SS-20-S	SS-20-5	SS-20-10	SS-20-15	SS-20-20	SS-20-25	SS-20-30	SS-20-35	SS-20-40	SS-20-40 DUP
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)								11.5	14.9	10.9	10.4	26.3		24.2	16.4	11.1	11.1
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**4.66**	**6.07**	**4.21**	**4.63**	**5.71**	NR	**4.18**	**9.55**	**4.36**	<2.00
6010D	BARIUM	mg/kg			15000	170000	12000	**121**	**112**	**85.5**	**183**	**154**	NR	**121**	**512**	**122**	**64.2**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**7.52**	**12.5**	**12.1**	**13.2**	**13.2**	NR	**5.59**	**14.1**	**9.31**	**8.74**
6010D	LEAD	mg/kg			400	800	290	**20.6**	**18.5**	**12.8**	**17.6**	**18.7**	NR	**10.2**	**57.9**	**12.6**	**9.15**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	<0.0400	**0.0448**	**0.057**	**0.0855**

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/14/2020									
Project Sample ID									SS-20-S	SS-20-5	SS-20-10	SS-20-15	SS-20-20	SS-20-25	SS-20-30	SS-20-35	SS-20-40	SS-20-40 DUP
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40	40
PID Reading (ppm)									11.5	14.9	10.9	10.4	26.3		24.2	16.4	11.1	11.1
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170	<0.0170

Notes:
Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)
SRL - ADEQ Soil Remediation Level
RSL - EPA Regional Screening Level, THQ 0.1
NR - No Soil Recovery
Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-21-S	SS-21-5	SS-21-10	SS-21-15	SS-21-20	SS-21-25	SS-21-30	SS-21-35	SS-21-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								9.9	17.4	18.1	20.5	25.5	24.1			25.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.28	<1.25	<1.26	<1.25	NR	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0253	<0.0250	NR	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.638	<0.625	<0.631	<0.625	NR	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.638	<0.625	<0.631	<0.625	NR	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.638	<0.625	<0.631	<0.625	NR	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0253	<0.0250	NR	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.638	<0.625	<0.631	<0.625	NR	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-21-S	SS-21-5	SS-21-10	SS-21-15	SS-21-20	SS-21-25	SS-21-30	SS-21-35	SS-21-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								9.9	17.4	18.1	20.5	25.5	24.1			25.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.55	<2.50	<2.53	<2.50	NR	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.638	<0.625	<0.631	<0.625	NR	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.638	<0.625	<0.631	<0.625	NR	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0253	<0.0250	NR	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.28	<1.25	<1.26	<1.25	NR	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0255	<0.0250	<0.0253	<0.0250	NR	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.319	<0.313	<0.316	<0.313	NR	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.128	<0.125	<0.126	<0.125	NR	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0638	<0.0625	<0.0631	<0.0625	NR	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.166	<0.163	<0.164	<0.163	NR	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-21-S	SS-21-5	SS-21-10	SS-21-15	SS-21-20	SS-21-25	SS-21-30	SS-21-35	SS-21-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								9.9	17.4	18.1	20.5	25.5	24.1			25.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0246**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0239**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.041**	<0.00600	**0.00776**	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0238**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0125**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.0326**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0547**	<0.00600	**0.00771**	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0171**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0202	NR	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0204**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0426**	<0.00600	**0.00791**	<0.00600	<0.00600	<0.00600	<0.00606	NR	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0202	NR	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0202	NR	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0202	NR	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-21-S	SS-21-5	SS-21-10	SS-21-15	SS-21-20	SS-21-25	SS-21-30	SS-21-35	SS-21-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								9.9	17.4	18.1	20.5	25.5	24.1			25.5
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.46**	**5.63**	**6.98**	**5.8**	**3.39**	**3.44**	**6.06**	NR	**13.4**
6010D	BARIUM	mg/kg			15000	170000	12000	**151**	**111**	**168**	**70.9**	**38.3**	**60.5**	**47.3**	NR	**88.7**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500
6010D	CHROMIUM	mg/kg					590	**10.9**	**10.9**	**15.7**	**8.57**	**4.69**	**2.72**	**21.3**	NR	**12.4**
6010D	LEAD	mg/kg			400	800	290	**49.1**	**16.9**	**26.8**	**8.87**	**11.2**	**10.8**	**7.95**	NR	**23.9**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0591**	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	NR	**0.0469**

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/14/2020								
Project Sample ID									SS-21-S	SS-21-5	SS-21-10	SS-21-15	SS-21-20	SS-21-25	SS-21-30	SS-21-35	SS-21-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									9.9	17.4	18.1	20.5	25.5	24.1			25.5
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-22-S	SS-22-5	SS-22-10	SS-22-15	SS-22-20	SS-22-25	SS-22-30	SS-22-35	SS-22-35 DUP	SS-22-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								2.8	3.1	4.5	5.7		4.5		7.0	7.0	
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	NR	<2.50	<2.50	<2.50

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/14/2020										
Project Sample ID								SS-22-S	SS-22-5	SS-22-10	SS-22-15	SS-22-20	SS-22-25	SS-22-30	SS-22-35	SS-22-35 DUP	SS-22-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								2.8	3.1	4.5	5.7		4.5		7.0	7.0	
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	NR	<0.163	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-22-S	SS-22-5	SS-22-10	SS-22-15	SS-22-20	SS-22-25	SS-22-30	SS-22-35	SS-22-35 DUP	SS-22-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								2.8	3.1	4.5	5.7		4.5		7.0	7.0	
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		**0.0276**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		**0.0213**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.128**	**0.0149**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.125**	**0.0157**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.17**	**0.0209**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0918**	**0.0144**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0528**	**0.00856**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.12**	**0.0163**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		**0.0235**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.19**	**0.0225**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		**0.00994**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0813**	**0.0121**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0204	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						**0.0902**	**0.0063**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.166**	**0.0236**	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00612	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0204	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0204	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0204	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052										
Description								Former Flint Oil Site										
Date Collected								4/14/2020										
Project Sample ID								SS-22-S	SS-22-5	SS-22-10	SS-22-15	SS-22-20	SS-22-25	SS-22-30	SS-22-35	SS-22-35 DUP	SS-22-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)								2.8	3.1	4.5	5.7		4.5		7.0	7.0	
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	<2.00	**3.92**	**4.2**	**4.76**	**4.6**	**3.84**	NR	**15**	**14.5**	**4.16**
6010D	BARIUM	mg/kg			15000	170000	12000	**84.4**	**83.4**	**61.8**	**144**	**149**	**18.8**	NR	**48**	**51.6**	**67.8**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**5.41**	**11.1**	**13.3**	**9.71**	**13.7**	**2.48**	NR	**5.94**	**6.44**	**7.44**
6010D	LEAD	mg/kg			400	800	290	**12.4**	**16.3**	**14.5**	**12.7**	**18.7**	**7.29**	NR	**9.21**	**10.1**	**9.28**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	<2.00	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0273	NR	<0.0400	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/14/2020									
Project Sample ID									SS-22-S	SS-22-5	SS-22-10	SS-22-15	SS-22-20	SS-22-25	SS-22-30	SS-22-35	SS-22-35 DUP	SS-22-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	35	40
PID Reading (ppm)									2.8	3.1	4.5	5.7		4.5		7.0	7.0	
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds EPA Industrial RSL

Bold Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-23-S	SS-23-5	SS-23-10	SS-23-15	SS-23-20	SS-23-25	SS-23-30	SS-23-35	SS-23-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.7	14.8	14.0	23.5	11.7				25.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	NR	NR	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	NR	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	NR	NR	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	NR	NR	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	NR	NR	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	NR	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	NR	NR	<0.625	<0.625

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-23-S	SS-23-5	SS-23-10	SS-23-15	SS-23-20	SS-23-25	SS-23-30	SS-23-35	SS-23-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.7	14.8	14.0	23.5	11.7				25.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	NR	NR	<2.50	<2.50
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	NR	NR	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	NR	NR	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	NR	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	NR	NR	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	NR	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	NR	NR	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	NR	NR	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	NR	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	NR	NR	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-23-S	SS-23-5	SS-23-10	SS-23-15	SS-23-20	SS-23-25	SS-23-30	SS-23-35	SS-23-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.7	14.8	14.0	23.5	11.7				25.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		**0.0188**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00612	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	ACENAPHTHYLENE	mg/kg						**0.0101**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		**0.0259**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		**0.0209**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0531**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						**0.0317**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		**0.0174**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.031**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		**0.00674**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.0439**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00612	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		**0.0229**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0204	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0202
8270C-SIM	PHENANTHRENE	mg/kg						**0.00936**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.0561**	<0.00600	<0.00600	<0.00600	<0.00600	NR	NR	<0.00600	<0.00606
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0204	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0202
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0204	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0202
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0204	<0.0200	<0.0200	<0.0200	<0.0200	NR	NR	<0.0200	<0.0202

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052								
Description								Former Flint Oil Site								
Date Collected								4/14/2020								
Project Sample ID								SS-23-S	SS-23-5	SS-23-10	SS-23-15	SS-23-20	SS-23-25	SS-23-30	SS-23-35	SS-23-40
Project Sample Depth (ft)								0	5	10	15	20	25	30	35	40
PID Reading (ppm)								6.7	14.8	14.0	23.5	11.7				25.0
			ADEQ SRLs				ADEQ GPL									
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.2**	**5.74**	**4.59**	**4.59**	**3.15**	NR	NR	**6.43**	**3.44**
6010D	BARIUM	mg/kg			15000	170000	12000	**121**	**107**	**131**	**173**	**25.8**	NR	NR	**69.4**	**108**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	NR	NR	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**10.3**	**11.6**	**11**	**13.3**	**3.92**	NR	NR	**11.7**	**12.5**
6010D	LEAD	mg/kg			400	800	290	**27.5**	**17.7**	**17.1**	**18.3**	**5.04**	NR	NR	**7.04**	**14.5**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	NR	NR	<2.00	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	NR	NR	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	**0.0448**	<0.0400	<0.0400	<0.0400	<0.0400	NR	NR	<0.0400	<0.0400

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052								
Description									Former Flint Oil Site								
Date Collected									4/14/2020								
Project Sample ID									SS-23-S	SS-23-5	SS-23-10	SS-23-15	SS-23-20	SS-23-25	SS-23-30	SS-23-35	SS-23-40
Project Sample Depth (ft)									0	5	10	15	20	25	30	35	40
PID Reading (ppm)									6.7	14.8	14.0	23.5	11.7				25.0
			ADEQ SRLs				EPA RSLs										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	NR	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	NR	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	NR	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	NR	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-24-S	SS-24-5	SS-24-10	SS-24-15	SS-24-15 DUP	SS-24-20	SS-24-25	SS-24-30	SS-24-35	SS-24-40
Project Sample Depth (ft)								0	5	10	15	15	20	25	30	35	40
PID Reading (ppm)								9.9	19.7	16.1	17.6	17.6	21.0	14.2		20.3	24.6
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	ACETONE	mg/kg			14000	54000		<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25
8260B	ACRYLONITRILE	mg/kg	0.21	2.1		4.9	0.71	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	BENZENE	mg/kg	0.65			1.4		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250
8260B	BROMOBENZENE	mg/kg			28	92		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	BROMODICHLOROMETHANE	mg/kg	0.83	8.3		18		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	BROMOFORM	mg/kg	69	690		2200		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625
8260B	BROMOMETHANE	mg/kg			3.9	13		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	1,3-BUTADIENE	mg/kg	0.058	0.58		1.2		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625
8260B	N-BUTYLBENZENE	mg/kg			240	240		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	SEC-BUTYLBENZENE	mg/kg			220	220		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	TERT-BUTYLBENZENE	mg/kg			390	390		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	CARBON DISULFIDE	mg/kg			360	720	1.6	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	CARBON TETRACHLORIDE	mg/kg	0.25	2.5	2.2	5.5	22	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	CHLOROBENZENE	mg/kg			150	530		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	CHLORODIBROMOMETHANE	mg/kg	1.1	11		26		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	CHLOROETHANE	mg/kg	3	30		65		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	CHLOROFORM	mg/kg	0.94	9.4		20		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	CHLOROMETHANE	mg/kg			48	160		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	2-CHLOROTOLUENE	mg/kg			160	510		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	4-CHLOROTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	CYCLOHEXANE	mg/kg			140	140	0.015	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	0.53	5.3	1.5	6.5	0.0033	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625
8260B	1,2-DIBROMOETHANE	mg/kg	0.029	0.29		0.63		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	DIBROMOMETHANE	mg/kg			67	230	72	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,2-DICHLOROBENZENE	mg/kg			600	600		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,3-DICHLOROBENZENE	mg/kg			530	600	9.5	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,4-DICHLOROBENZENE	mg/kg	3.5	35		79		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	DICHLORODIFLUOROMETHANE	mg/kg			94	310		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHANE	mg/kg			510	1700	0.21	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,2-DICHLOROETHANE	mg/kg	0.28	2.8		6	0.81	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,1-DICHLOROETHENE	mg/kg			120	410	4.9	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	CIS-1,2-DICHLOROETHENE	mg/kg			43	150	8.4	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	TRANS-1,2-DICHLOROETHENE	mg/kg			69	230	0.28	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,2-DICHLOROPROPANE	mg/kg	0.34	3.4		7.4		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,1-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,3-DICHLOROPROPANE	mg/kg			100	360		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	CIS-1,3-DICHLOROPROPENE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	TRANS-1,3-DICHLOROPROPENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	2,2-DICHLOROPROPANE	mg/kg						<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	DICYCLOPENTADIENE	mg/kg			0.54	1.8		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	DI-ISOPROPYL ETHER	mg/kg					120	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250
8260B	ETHYLBENZENE	mg/kg			400	400		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	4-ETHYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	HEXACHLORO-1,3-BUTADIENE	mg/kg	7	70	18	180		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625
8260B	N-HEXANE	mg/kg			110	110		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	ISOPROPYLBENZENE	mg/kg			92	92		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	P-ISOPROPYLTOLUENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	2-BUTANONE (MEK)	mg/kg			23000	34000		<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	<2.50	NR	<2.50	<2.50

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-24-S	SS-24-5	SS-24-10	SS-24-15	SS-24-15 DUP	SS-24-20	SS-24-25	SS-24-30	SS-24-35	SS-24-40
Project Sample Depth (ft)								0	5	10	15	15	20	25	30	35	40
PID Reading (ppm)								9.9	19.7	16.1	17.6	17.6	21.0	14.2		20.3	24.6
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8260B	METHYLENE CHLORIDE	mg/kg	9.3	93		210		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625
8260B	4-METHYL-2-PENTANONE (MIBK)	mg/kg			5300	17000		<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	<0.625	NR	<0.625	<0.625
8260B	METHYL TERT-BUTYL ETHER	mg/kg	32	320		710		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250
8260B	METHYL CYCLOHEXANE	mg/kg			230	230		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	NAPHTHALENE	mg/kg			56	190		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	PROPENE	mg/kg						<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	NR	<1.25	<1.25
8260B	N-PROPYLBENZENE	mg/kg			240	240	36	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	STYRENE	mg/kg			1500	1500		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	1,1,1,2-TETRACHLOROETHANE	mg/kg	3.2	32		73		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,1,2,2-TETRACHLOROETHANE	mg/kg	0.42	4.2		9.3		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg			5600	5600	1.3	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	TETRACHLOROETHENE	mg/kg	0.51	5.1		13	400	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	TOLUENE	mg/kg			650	650		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,2,3-TRICHLOROBENZENE	mg/kg						<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	1,2,4-TRICHLOROBENZENE	mg/kg			62	220	1	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	1,1,1-TRICHLOROETHANE	mg/kg			1200	1200		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,1,2-TRICHLOROETHANE	mg/kg	0.74	7.4		16	0.61	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	TRICHLOROETHENE	mg/kg	3	30	17	65		<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	NR	<0.0250	<0.0250
8260B	TRICHLOROFLUOROMETHANE	mg/kg			390	1300		<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	1,2,3-TRICHLOROPROPANE	mg/kg	0.005	0.05		0.11		<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	<0.313	NR	<0.313	<0.313
8260B	1,2,4-TRIMETHYLBENZENE	mg/kg			52	170		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,2,3-TRIMETHYLBENZENE	mg/kg						<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	1,3,5-TRIMETHYLBENZENE	mg/kg			21	70		<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	NR	<0.125	<0.125
8260B	VINYL CHLORIDE	mg/kg	0.085			0.75	2200	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	<0.0625	NR	<0.0625	<0.0625
8260B	XYLENES, TOTAL	mg/kg			270	420		<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	<0.163	NR	<0.163	<0.163

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-24-S	SS-24-5	SS-24-10	SS-24-15	SS-24-15 DUP	SS-24-20	SS-24-25	SS-24-30	SS-24-35	SS-24-40
Project Sample Depth (ft)								0	5	10	15	15	20	25	30	35	40
PID Reading (ppm)								9.9	19.7	16.1	17.6	17.6	21.0	14.2		20.3	24.6
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8270C-SIM	ANTHRACENE	mg/kg			22000	240000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHENE	mg/kg			3700	29000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	ACENAPHTHYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)ANTHRACENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(A)PYRENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(B)FLUORANTHENE	mg/kg	0.69	6.9		21		**0.0109**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(G,H,I)PERYLENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	BENZO(K)FLUORANTHENE	mg/kg	6.9	69		210		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	CHRYSENE	mg/kg	68	680		2000		**0.00603**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	DIBENZ(A,H)ANTHRACENE	mg/kg	0.069	0.69		2.1		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	FLUORANTHENE	mg/kg			2300	22000		**0.00876**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	FLUORENE	mg/kg			2700	26000		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	INDENO(1,2,3-CD)PYRENE	mg/kg	0.69	6.9		21		<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	NAPHTHALENE	mg/kg			56	190		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	PHENANTHRENE	mg/kg						<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	PYRENE	mg/kg			2300	29000		**0.00998**	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	<0.00600	NR	<0.00600	<0.00600
8270C-SIM	1-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	2-METHYLNAPHTHALENE	mg/kg						<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200
8270C-SIM	2-CHLORONAPHTHALENE	mg/kg			110	110		<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	<0.0200	NR	<0.0200	<0.0200

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#								63207052									
Description								Former Flint Oil Site									
Date Collected								4/14/2020									
Project Sample ID								SS-24-S	SS-24-5	SS-24-10	SS-24-15	SS-24-15 DUP	SS-24-20	SS-24-25	SS-24-30	SS-24-35	SS-24-40
Project Sample Depth (ft)								0	5	10	15	15	20	25	30	35	40
PID Reading (ppm)								9.9	19.7	16.1	17.6	17.6	21.0	14.2		20.3	24.6
			ADEQ SRLs				ADEQ GPL										
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res		Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
6010D	ARSENIC	mg/kg	10	10	10	10	290	**5.14**	**7.49**	**6.04**	**13**	**13**	**3.04**	**6.78**	NR	**12.4**	**2.03**
6010D	BARIUM	mg/kg			15000	170000	12000	**116**	**95.5**	**109**	**106**	**108**	**39.5**	**79.2**	NR	**863**	**164**
6010D	CADMIUM	mg/kg			39	510	29	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	<0.500	NR	<0.500	<0.500
6010D	CHROMIUM	mg/kg					590	**10.3**	**11**	**12.8**	**15.8**	**17.3**	**3.75**	**7.48**	NR	**9.53**	**7.28**
6010D	LEAD	mg/kg			400	800	290	**22.7**	**17.9**	**20.2**	**16.9**	**16.9**	**4.92**	**12.9**	NR	**10.9**	**10.1**
6010D	SELENIUM	mg/kg			390	5100	290	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	<2.00	NR	**2.45**	<2.00
6010D	SILVER	mg/kg			390	5100		<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	NR	<1.00	<1.00
7471B	MERCURY	mg/kg			23	310	12	<0.0400	<0.0400	<0.0400	<0.0400	<0.0400	<0.0324	<0.0400	NR	<0.0400	**0.0721**

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

GPL - ADEQ Groundwater Protection Limit

NR - No Soil Recovery

Blank Cell - Not Established

Bold Exceeds Laboratory Reporting Limits

Bold Exceeds AZ SRL Residential 10-6 Carcinogen

Bold Exceeds AZ SRL Residential 10-5 Carcinogen

Bold Exceeds AZ SRL Residential Non-Carcinogen

Bold Exceeds AZ SRL Non-Residential

Bold Exceeds AZ Minimum GPL

TABLE 2: SUMMARY OF ANALYTICAL DATA COMPARED TO ADEQ SRLs AND GPLs

Project#									63207052									
Description									Former Flint Oil Site									
Date Collected									4/14/2020									
Project Sample ID									SS-24-S	SS-24-5	SS-24-10	SS-24-15	SS-24-15 DUP	SS-24-20	SS-24-25	SS-24-30	SS-24-35	SS-24-40
Project Sample Depth (ft)									0	5	10	15	15	20	25	30	35	40
PID Reading (ppm)									9.9	19.7	16.1	17.6	17.6	21.0	14.2		20.3	24.6
			ADEQ SRLs				EPA RSLs											
Method	Analyte	Units	Res 10-6	Res 10-5	Res Non-Carc	Non Res	Industrial	Res	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
8082 A	PCB 1016	mg/kg			3.9	37	5.1	0.41	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1221	mg/kg					0.83	0.2	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1232	mg/kg					0.72	0.17	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1242	mg/kg					0.95	0.23	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	<0.0340	NR	<0.0340	<0.0340
8082 A	PCB 1248	mg/kg					0.95	0.23	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170
8082 A	PCB 1254	mg/kg	0.25	2.5	1.1	7.4	0.97	0.12	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170
8082 A	PCB 1260	mg/kg					0.99	0.24	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	<0.0170	NR	<0.0170	<0.0170

Notes:

Concentrations are expressed as milligrams per kilogram (mg/kg) which is equivalent to parts per million (ppm)

SRL - ADEQ Soil Remediation Level

RSL - EPA Regional Screening Level, THQ 0.1

NR - No Soil Recovery

Blank Cell - Not Established

Bold	Exceeds Laboratory Reporting Limits
Bold	Exceeds AZ SRL Residential 10-6 Carcinogen
Bold	Exceeds AZ SRL Residential 10-5 Carcinogen
Bold	Exceeds AZ SRL Residential Non-Carcinogen
Bold	Exceeds AZ SRL Non-Residential
Bold	Exceeds EPA Industrial RSL
Bold	Exceeds EPA Residential RSL

APPENDIX D
LABORATORY ANALYTICAL REPORT
AND CHAIN OF CUSTODY

ANALYTICAL REPORT

April 16, 2020

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Terracon - Tucson, AZ

Sample Delivery Group:	L1206794
Samples Received:	04/08/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-1-5 L1206794-01 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 08:05 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:24	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:12	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 08:05	04/09/20 05:31	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 17:41	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 20:37	DMG	Mt. Juliet, TN

SS-1-5 L1206794-02 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 09:30 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:16	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:00	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 09:30	04/09/20 05:50	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 17:54	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 20:15	DMG	Mt. Juliet, TN

SS-1-10 L1206794-03 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 09:40 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:26	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:15	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 09:40	04/09/20 06:09	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 18:06	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 17:40	AAT	Mt. Juliet, TN

SS-1-15 L1206794-04 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 09:55 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:29	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:17	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1.02	04/06/20 09:55	04/09/20 06:28	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 18:19	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 19:30	DMG	Mt. Juliet, TN

SS-1-20 L1206794-05 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 10:40 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:36	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:25	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 10:40	04/09/20 06:47	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 18:31	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 18:02	DMG	Mt. Juliet, TN

SS-1-25 L1206794-06 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 10:50 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:39	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:28	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 10:50	04/09/20 07:06	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 18:44	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 18:24	DMG	Mt. Juliet, TN

SS-1-30 L1206794-07 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 11:00 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:41	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:30	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 11:00	04/09/20 07:25	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 18:56	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 18:46	DMG	Mt. Juliet, TN

SS-1-35 L1206794-08 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 11:10 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:44	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:33	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 11:10	04/09/20 07:44	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 19:09	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1458907	1	04/10/20 23:20	04/11/20 19:08	DMG	Mt. Juliet, TN

SS-1-40 L1206794-09 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 11:20 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:47	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:36	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 11:20	04/09/20 08:03	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 19:21	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 13:02	DMG	Mt. Juliet, TN

SS-2-5 L1206794-10 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 11:55 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:49	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:38	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1.07	04/06/20 11:55	04/09/20 08:22	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 19:34	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 19:35	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-2-5 L1206794-11 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 12:40 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:52	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:41	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 12:40	04/09/20 08:42	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1458860	1	04/10/20 14:59	04/13/20 19:46	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 13:23	DMG	Mt. Juliet, TN

SS-2-10 L1206794-12 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 12:50 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:54	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:43	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 12:50	04/09/20 09:01	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459503	1	04/14/20 10:38	04/14/20 17:24	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 13:43	DMG	Mt. Juliet, TN

SS-2-15 L1206794-13 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 13:00 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:57	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:46	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 13:00	04/09/20 09:20	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459503	1	04/14/20 10:38	04/14/20 17:38	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 14:04	DMG	Mt. Juliet, TN

SS-2-20 L1206794-14 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 13:35 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 19:59	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:48	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 13:35	04/09/20 09:39	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 09:50	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 14:25	DMG	Mt. Juliet, TN

SS-2-25 L1206794-15 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 13:45 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 20:07	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 10:54	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1.08	04/06/20 13:45	04/09/20 09:58	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 10:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 15:27	DMG	Mt. Juliet, TN

SS-2-30 L1206794-16 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 13:55 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 20:09	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:56	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 13:55	04/09/20 10:17	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 10:53	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 15:47	DMG	Mt. Juliet, TN

SS-2-40 L1206794-17 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 14:15 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 20:12	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 09:59	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 14:15	04/09/20 10:36	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 11:05	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 16:08	DMG	Mt. Juliet, TN

SS-3-5 L1206794-18 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 14:45 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 20:15	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	1	04/10/20 09:17	04/11/20 10:02	TRB	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458566	5	04/10/20 09:17	04/12/20 00:19	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 14:45	04/09/20 10:55	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 11:18	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 19:55	DMG	Mt. Juliet, TN

SS-3-5 L1206794-19 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 15:30 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 20:17	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:06	RDS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 15:30	04/09/20 11:14	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 11:30	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 20:16	DMG	Mt. Juliet, TN

SS-3-10 L1206794-20 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/06/20 15:50 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458682	1	04/10/20 09:33	04/12/20 20:20	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:09	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457828	1	04/06/20 15:50	04/09/20 11:33	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 11:42	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 19:14	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-3-10 DUP L1206794-21 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 15:50	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:18	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:11	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/06/20 15:50	04/09/20 09:06	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459065	1	04/11/20 02:55	04/11/20 11:55	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 16:29	DMG	Mt. Juliet, TN

SS-3-15 L1206794-22 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 16:00	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:20	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:19	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/06/20 16:00	04/09/20 09:25	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459075	1	04/11/20 03:06	04/11/20 14:30	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 16:49	DMG	Mt. Juliet, TN

SS-3-20 L1206794-23 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 16:25	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:23	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:22	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/06/20 16:25	04/09/20 09:44	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459075	1	04/11/20 03:06	04/11/20 14:44	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 17:10	DMG	Mt. Juliet, TN

EB-1 L1206794-24 GW

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 16:35	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1458122	1	04/09/20 16:55	04/10/20 07:44	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1457863	1	04/09/20 22:04	04/10/20 09:55	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458006	1	04/09/20 11:00	04/09/20 11:00	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459250	1	04/11/20 14:12	04/12/20 16:33	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459125	1	04/11/20 06:30	04/11/20 13:49	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0597		0.0400	1	04/12/2020 19:24	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.24		2.00	1	04/11/2020 09:12	WG1458566
Barium	131		0.500	1	04/11/2020 09:12	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:12	WG1458566
Chromium	9.21		1.00	1	04/11/2020 09:12	WG1458566
Lead	39.0		0.500	1	04/11/2020 09:12	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:12	WG1458566
Silver	ND		1.00	1	04/11/2020 09:12	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 05:31	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 05:31	WG1457828
Benzene	ND		0.0250	1	04/09/2020 05:31	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 05:31	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
Bromoform	ND		0.625	1	04/09/2020 05:31	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 05:31	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 05:31	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 05:31	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 05:31	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 05:31	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 05:31	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 05:31	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 05:31	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 05:31	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 05:31	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 05:31	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 05:31	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 05:31	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 05:31	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 05:31	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 05:31	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 05:31	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 05:31	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 05:31	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 05:31	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 05:31	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 05:31	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 05:31	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 05:31	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 05:31	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 05:31	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 05:31	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 05:31	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 05:31	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 05:31	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 05:31	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 05:31	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 05:31	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 05:31	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 05:31	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 05:31	WG1457828
Propene	ND		1.25	1	04/09/2020 05:31	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
Styrene	ND		0.313	1	04/09/2020 05:31	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 05:31	WG1457828
Toluene	ND		0.125	1	04/09/2020 05:31	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 05:31	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 05:31	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 05:31	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 05:31	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 05:31	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 05:31	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 05:31	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 05:31	WG1457828
(S) Toluene-d8	*102*		*75.0-131*		*04/09/2020 05:31*	WG1457828
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 05:31*	WG1457828
(S) 1,2-Dichloroethane-d4	*97.3*		*70.0-130*		*04/09/2020 05:31*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 17:41	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 17:41	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 17:41	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 17:41	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 17:41	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 17:41	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 17:41	WG1458860
(S) Decachlorobiphenyl	*103*		*10.0-135*		*04/13/2020 17:41*	WG1458860
(S) Tetrachloro-m-xylene	*94.9*		*10.0-139*		*04/13/2020 17:41*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00682		0.00600	1	04/11/2020 20:37	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 20:37	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 20:37	WG1458907
Benzo(a)anthracene	0.0247	M1 R5	0.00600	1	04/11/2020 20:37	WG1458907
Benzo(a)pyrene	0.0248	R5	0.00600	1	04/11/2020 20:37	WG1458907
Benzo(b)fluoranthene	0.0503	M1 R5	0.00600	1	04/11/2020 20:37	WG1458907
Benzo(g,h,i)perylene	0.0259		0.00600	1	04/11/2020 20:37	WG1458907
Benzo(k)fluoranthene	0.0163		0.00600	1	04/11/2020 20:37	WG1458907
Chrysene	0.0227	M1 R5	0.00600	1	04/11/2020 20:37	WG1458907
Dibenz(a,h)anthracene	0.00665		0.00600	1	04/11/2020 20:37	WG1458907
Fluoranthene	0.0399	M1 R5	0.00600	1	04/11/2020 20:37	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 20:37	WG1458907
Indeno(1,2,3-cd)pyrene	0.0198		0.00600	1	04/11/2020 20:37	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 20:37	WG1458907
Phenanthrene	0.0155		0.00600	1	04/11/2020 20:37	WG1458907
Pyrene	0.0366	R5	0.00600	1	04/11/2020 20:37	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 20:37	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 20:37	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 20:37	WG1458907
(S) p-Terphenyl-d14	*80.1*		*23.0-120*		*04/11/2020 20:37*	WG1458907
(S) Nitrobenzene-d5	*97.4*		*14.0-149*		*04/11/2020 20:37*	WG1458907
(S) 2-Fluorobiphenyl	*72.3*		*34.0-125*		*04/11/2020 20:37*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:16	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.90		2.00	1	04/11/2020 09:00	WG1458566
Barium	101	M1	0.500	1	04/11/2020 09:00	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:00	WG1458566
Chromium	9.93		1.00	1	04/11/2020 09:00	WG1458566
Lead	33.8		0.500	1	04/11/2020 09:00	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:00	WG1458566
Silver	ND		1.00	1	04/11/2020 09:00	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 05:50	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 05:50	WG1457828
Benzene	ND		0.0250	1	04/09/2020 05:50	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 05:50	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
Bromoform	ND		0.625	1	04/09/2020 05:50	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 05:50	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 05:50	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 05:50	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 05:50	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 05:50	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 05:50	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 05:50	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 05:50	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 05:50	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 05:50	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 05:50	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 05:50	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 05:50	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 05:50	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 05:50	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 05:50	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 05:50	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 05:50	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 05:50	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 05:50	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 05:50	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 05:50	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 05:50	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 05:50	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 05:50	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 05:50	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 05:50	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 05:50	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 05:50	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 05:50	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 05:50	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 05:50	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 05:50	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 05:50	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 05:50	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 05:50	WG1457828
Propene	ND		1.25	1	04/09/2020 05:50	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
Styrene	ND		0.313	1	04/09/2020 05:50	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 05:50	WG1457828
Toluene	ND		0.125	1	04/09/2020 05:50	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 05:50	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 05:50	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 05:50	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 05:50	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 05:50	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 05:50	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 05:50	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 05:50	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 05:50*	WG1457828
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 05:50*	WG1457828
(S) 1,2-Dichloroethane-d4	*93.3*		*70.0-130*		*04/09/2020 05:50*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 17:54	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 17:54	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 17:54	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 17:54	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 17:54	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 17:54	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 17:54	WG1458860
(S) Decachlorobiphenyl	*94.5*		*10.0-135*		*04/13/2020 17:54*	WG1458860
(S) Tetrachloro-m-xylene	*94.5*		*10.0-139*		*04/13/2020 17:54*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00953		0.00600	1	04/11/2020 20:15	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 20:15	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 20:15	WG1458907
Benzo(a)anthracene	0.0307		0.00600	1	04/11/2020 20:15	WG1458907
Benzo(a)pyrene	0.0317		0.00600	1	04/11/2020 20:15	WG1458907
Benzo(b)fluoranthene	0.0589		0.00600	1	04/11/2020 20:15	WG1458907
Benzo(g,h,i)perylene	0.0353		0.00600	1	04/11/2020 20:15	WG1458907
Benzo(k)fluoranthene	0.0203		0.00600	1	04/11/2020 20:15	WG1458907
Chrysene	0.0297		0.00600	1	04/11/2020 20:15	WG1458907
Dibenz(a,h)anthracene	0.00862		0.00600	1	04/11/2020 20:15	WG1458907
Fluoranthene	0.0593		0.00600	1	04/11/2020 20:15	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 20:15	WG1458907
Indeno(1,2,3-cd)pyrene	0.0263		0.00600	1	04/11/2020 20:15	WG1458907
Naphthalene	0.0226		0.0200	1	04/11/2020 20:15	WG1458907
Phenanthrene	0.0240		0.00600	1	04/11/2020 20:15	WG1458907
Pyrene	0.0514		0.00600	1	04/11/2020 20:15	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 20:15	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 20:15	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 20:15	WG1458907
(S) p-Terphenyl-d14	*80.7*		*23.0-120*		*04/11/2020 20:15*	WG1458907
(S) Nitrobenzene-d5	*98.4*		*14.0-149*		*04/11/2020 20:15*	WG1458907
(S) 2-Fluorobiphenyl	*73.1*		*34.0-125*		*04/11/2020 20:15*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0442		0.0400	1	04/12/2020 19:26	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.49		2.00	1	04/11/2020 09:15	WG1458566
Barium	109		0.500	1	04/11/2020 09:15	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:15	WG1458566
Chromium	12.2		1.00	1	04/11/2020 09:15	WG1458566
Lead	17.1		0.500	1	04/11/2020 09:15	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:15	WG1458566
Silver	ND		1.00	1	04/11/2020 09:15	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 06:09	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 06:09	WG1457828
Benzene	ND		0.0250	1	04/09/2020 06:09	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 06:09	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
Bromoform	ND		0.625	1	04/09/2020 06:09	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 06:09	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 06:09	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 06:09	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 06:09	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 06:09	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 06:09	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 06:09	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 06:09	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 06:09	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 06:09	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 06:09	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 06:09	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 06:09	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 06:09	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 06:09	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 06:09	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 06:09	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 06:09	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 06:09	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 06:09	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 06:09	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 06:09	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 06:09	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 06:09	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 06:09	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 06:09	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 06:09	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 06:09	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 06:09	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 06:09	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 06:09	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 06:09	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 06:09	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 06:09	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 06:09	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 06:09	WG1457828
Propene	ND		1.25	1	04/09/2020 06:09	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
Styrene	ND		0.313	1	04/09/2020 06:09	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 06:09	WG1457828
Toluene	ND		0.125	1	04/09/2020 06:09	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 06:09	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 06:09	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 06:09	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 06:09	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 06:09	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 06:09	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 06:09	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 06:09	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 06:09*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 06:09*	WG1457828
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*04/09/2020 06:09*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 18:06	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 18:06	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 18:06	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 18:06	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 18:06	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 18:06	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 18:06	WG1458860
(S) Decachlorobiphenyl	*91.7*		*10.0-135*		*04/13/2020 18:06*	WG1458860
(S) Tetrachloro-m-xylene	*94.8*		*10.0-139*		*04/13/2020 18:06*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Chrysene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Fluoranthene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 17:40	WG1458907
Phenanthrene	ND		0.00600	1	04/11/2020 17:40	WG1458907
Pyrene	ND		0.00600	1	04/11/2020 17:40	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:40	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:40	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 17:40	WG1458907
(S) p-Terphenyl-d14	*73.3*		*23.0-120*		*04/11/2020 17:40*	WG1458907
(S) Nitrobenzene-d5	*87.1*		*14.0-149*		*04/11/2020 17:40*	WG1458907
(S) 2-Fluorobiphenyl	*66.4*		*34.0-125*		*04/11/2020 17:40*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:29	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.98		2.00	1	04/11/2020 09:17	WG1458566
Barium	119		0.500	1	04/11/2020 09:17	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:17	WG1458566
Chromium	13.3		1.00	1	04/11/2020 09:17	WG1458566
Lead	13.4		0.500	1	04/11/2020 09:17	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:17	WG1458566
Silver	ND		1.00	1	04/11/2020 09:17	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.28	1.02	04/09/2020 06:28	WG1457828
Acrylonitrile	ND	R7	0.319	1.02	04/09/2020 06:28	WG1457828
Benzene	ND		0.0255	1.02	04/09/2020 06:28	WG1457828
Bromobenzene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
Bromodichloromethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Bromoform	ND		0.638	1.02	04/09/2020 06:28	WG1457828
Bromomethane	ND		0.319	1.02	04/09/2020 06:28	WG1457828
1,3-Butadiene	ND		0.638	1.02	04/09/2020 06:28	WG1457828
n-Butylbenzene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
sec-Butylbenzene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
tert-Butylbenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Carbon disulfide	ND		0.319	1.02	04/09/2020 06:28	WG1457828
Carbon tetrachloride	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Chlorobenzene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Chlorodibromomethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Chloroethane	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Chloroform	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Chloromethane	ND		0.319	1.02	04/09/2020 06:28	WG1457828
2-Chlorotoluene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
4-Chlorotoluene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Cyclohexane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.638	1.02	04/09/2020 06:28	WG1457828
1,2-Dibromoethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Dibromomethane	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,2-Dichlorobenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,3-Dichlorobenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,4-Dichlorobenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Dichlorodifluoromethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,1-Dichloroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,2-Dichloroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,1-Dichloroethene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
cis-1,2-Dichloroethene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
trans-1,2-Dichloroethene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,2-Dichloropropane	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,1-Dichloropropene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,3-Dichloropropane	ND		0.128	1.02	04/09/2020 06:28	WG1457828
cis-1,3-Dichloropropene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
trans-1,3-Dichloropropene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
2,2-Dichloropropane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
Di-isopropyl ether	ND		0.0255	1.02	04/09/2020 06:28	WG1457828
Ethylbenzene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
4-Ethyltoluene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Hexachloro-1,3-butadiene	ND		0.638	1.02	04/09/2020 06:28	WG1457828
n-Hexane	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Isopropylbenzene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
p-Isopropyltoluene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
2-Butanone (MEK)	ND		2.55	1.02	04/09/2020 06:28	WG1457828
Methylene Chloride	ND		0.638	1.02	04/09/2020 06:28	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.638	1.02	04/09/2020 06:28	WG1457828
Methyl tert-butyl ether	ND		0.0255	1.02	04/09/2020 06:28	WG1457828
Methyl Cyclohexane	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Naphthalene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
Propene	ND		1.28	1.02	04/09/2020 06:28	WG1457828
n-Propylbenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Styrene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Tetrachloroethene	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Toluene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,2,3-Trichlorobenzene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
1,2,4-Trichlorobenzene	ND		0.319	1.02	04/09/2020 06:28	WG1457828
1,1,1-Trichloroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,1,2-Trichloroethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Trichloroethene	ND		0.0255	1.02	04/09/2020 06:28	WG1457828
Trichlorofluoromethane	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
1,2,3-Trichloropropane	ND		0.319	1.02	04/09/2020 06:28	WG1457828
1,2,4-Trimethylbenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,2,3-Trimethylbenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
1,3,5-Trimethylbenzene	ND		0.128	1.02	04/09/2020 06:28	WG1457828
Vinyl chloride	ND		0.0638	1.02	04/09/2020 06:28	WG1457828
Xylenes, Total	ND		0.166	1.02	04/09/2020 06:28	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 06:28*	WG1457828
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/09/2020 06:28*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.2*		*70.0-130*		*04/09/2020 06:28*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 18:19	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 18:19	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 18:19	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 18:19	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 18:19	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 18:19	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 18:19	WG1458860
(S) Decachlorobiphenyl	*88.5*		*10.0-135*		*04/13/2020 18:19*	WG1458860
(S) Tetrachloro-m-xylene	*88.0*		*10.0-139*		*04/13/2020 18:19*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Chrysene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Fluoranthene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 19:30	WG1458907
Phenanthrene	ND		0.00600	1	04/11/2020 19:30	WG1458907
Pyrene	ND		0.00600	1	04/11/2020 19:30	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:30	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:30	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 19:30	WG1458907
(S) p-Terphenyl-d14	*72.6*		*23.0-120*		*04/11/2020 19:30*	WG1458907
(S) Nitrobenzene-d5	*87.1*		*14.0-149*		*04/11/2020 19:30*	WG1458907
(S) 2-Fluorobiphenyl	*65.4*		*34.0-125*		*04/11/2020 19:30*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:36	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.83		2.00	1	04/11/2020 09:25	WG1458566
Barium	108		0.500	1	04/11/2020 09:25	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:25	WG1458566
Chromium	8.69		1.00	1	04/11/2020 09:25	WG1458566
Lead	11.3		0.500	1	04/11/2020 09:25	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:25	WG1458566
Silver	ND		1.00	1	04/11/2020 09:25	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 06:47	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 06:47	WG1457828
Benzene	ND		0.0250	1	04/09/2020 06:47	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 06:47	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
Bromoform	ND		0.625	1	04/09/2020 06:47	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 06:47	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 06:47	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 06:47	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 06:47	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 06:47	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 06:47	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 06:47	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 06:47	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 06:47	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 06:47	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 06:47	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 06:47	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 06:47	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 06:47	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 06:47	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 06:47	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 06:47	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 06:47	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 06:47	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 06:47	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 06:47	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 06:47	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 06:47	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 06:47	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 06:47	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 06:47	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 06:47	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 06:47	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 06:47	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 06:47	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 06:47	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 06:47	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 06:47	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 06:47	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 06:47	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 06:47	WG1457828
Propene	ND		1.25	1	04/09/2020 06:47	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
Styrene	ND		0.313	1	04/09/2020 06:47	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 06:47	WG1457828
Toluene	ND		0.125	1	04/09/2020 06:47	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 06:47	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 06:47	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 06:47	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 06:47	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 06:47	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 06:47	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 06:47	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 06:47	WG1457828
(S) Toluene-d8	*105*		*75.0-131*		*04/09/2020 06:47*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 06:47*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.3*		*70.0-130*		*04/09/2020 06:47*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 18:31	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 18:31	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 18:31	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 18:31	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 18:31	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 18:31	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 18:31	WG1458860
(S) Decachlorobiphenyl	*71.6*		*10.0-135*		*04/13/2020 18:31*	WG1458860
(S) Tetrachloro-m-xylene	*72.5*		*10.0-139*		*04/13/2020 18:31*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Chrysene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Fluoranthene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 18:02	WG1458907
Phenanthrene	ND		0.00600	1	04/11/2020 18:02	WG1458907
Pyrene	ND		0.00600	1	04/11/2020 18:02	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:02	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:02	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 18:02	WG1458907
(S) p-Terphenyl-d14	*72.9*		*23.0-120*		*04/11/2020 18:02*	WG1458907
(S) Nitrobenzene-d5	*87.3*		*14.0-149*		*04/11/2020 18:02*	WG1458907
(S) 2-Fluorobiphenyl	*66.8*		*34.0-125*		*04/11/2020 18:02*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:39	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.28		2.00	1	04/11/2020 09:28	WG1458566
Barium	50.8		0.500	1	04/11/2020 09:28	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:28	WG1458566
Chromium	4.56		1.00	1	04/11/2020 09:28	WG1458566
Lead	8.10		0.500	1	04/11/2020 09:28	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:28	WG1458566
Silver	ND		1.00	1	04/11/2020 09:28	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 07:06	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 07:06	WG1457828
Benzene	ND		0.0250	1	04/09/2020 07:06	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 07:06	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
Bromoform	ND		0.625	1	04/09/2020 07:06	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 07:06	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 07:06	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 07:06	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 07:06	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 07:06	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 07:06	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 07:06	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 07:06	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 07:06	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 07:06	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 07:06	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 07:06	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 07:06	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 07:06	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 07:06	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 07:06	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 07:06	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 07:06	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 07:06	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 07:06	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 07:06	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 07:06	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 07:06	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 07:06	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 07:06	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 07:06	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 07:06	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 07:06	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 07:06	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 07:06	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 07:06	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 07:06	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 07:06	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 07:06	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 07:06	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 07:06	WG1457828
Propene	ND		1.25	1	04/09/2020 07:06	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
Styrene	ND		0.313	1	04/09/2020 07:06	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 07:06	WG1457828
Toluene	ND		0.125	1	04/09/2020 07:06	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 07:06	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 07:06	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 07:06	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 07:06	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 07:06	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 07:06	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 07:06	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 07:06	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 07:06*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 07:06*	WG1457828
(S) 1,2-Dichloroethane-d4	*87.4*		*70.0-130*		*04/09/2020 07:06*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 18:44	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 18:44	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 18:44	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 18:44	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 18:44	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 18:44	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 18:44	WG1458860
(S) Decachlorobiphenyl	*80.4*		*10.0-135*		*04/13/2020 18:44*	WG1458860
(S) Tetrachloro-m-xylene	*82.3*		*10.0-139*		*04/13/2020 18:44*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Chrysene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Fluoranthene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 18:24	WG1458907
Phenanthrene	ND		0.00600	1	04/11/2020 18:24	WG1458907
Pyrene	ND		0.00600	1	04/11/2020 18:24	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:24	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:24	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 18:24	WG1458907
(S) p-Terphenyl-d14	*81.9*		*23.0-120*		*04/11/2020 18:24*	WG1458907
(S) Nitrobenzene-d5	*99.1*		*14.0-149*		*04/11/2020 18:24*	WG1458907
(S) 2-Fluorobiphenyl	*74.5*		*34.0-125*		*04/11/2020 18:24*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:41	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	14.1		2.00	1	04/11/2020 09:30	WG1458566
Barium	481		0.500	1	04/11/2020 09:30	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:30	WG1458566
Chromium	5.40		1.00	1	04/11/2020 09:30	WG1458566
Lead	6.74		0.500	1	04/11/2020 09:30	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:30	WG1458566
Silver	ND		1.00	1	04/11/2020 09:30	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 07:25	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 07:25	WG1457828
Benzene	ND		0.0250	1	04/09/2020 07:25	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 07:25	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
Bromoform	ND		0.625	1	04/09/2020 07:25	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 07:25	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 07:25	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 07:25	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 07:25	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 07:25	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 07:25	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 07:25	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 07:25	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 07:25	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 07:25	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 07:25	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 07:25	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 07:25	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 07:25	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 07:25	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 07:25	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 07:25	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 07:25	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 07:25	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 07:25	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 07:25	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 07:25	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 07:25	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 07:25	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 07:25	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 07:25	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 07:25	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 07:25	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 07:25	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 07:25	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 07:25	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 07:25	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 07:25	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 07:25	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 07:25	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 07:25	WG1457828
Propene	ND		1.25	1	04/09/2020 07:25	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
Styrene	ND		0.313	1	04/09/2020 07:25	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 07:25	WG1457828
Toluene	ND		0.125	1	04/09/2020 07:25	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 07:25	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 07:25	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 07:25	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 07:25	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 07:25	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 07:25	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 07:25	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 07:25	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 07:25*	WG1457828
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/09/2020 07:25*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*04/09/2020 07:25*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 18:56	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 18:56	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 18:56	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 18:56	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 18:56	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 18:56	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 18:56	WG1458860
(S) Decachlorobiphenyl	*96.6*		*10.0-135*		*04/13/2020 18:56*	WG1458860
(S) Tetrachloro-m-xylene	*95.6*		*10.0-139*		*04/13/2020 18:56*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Chrysene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Fluoranthene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 18:46	WG1458907
Phenanthrene	ND		0.00600	1	04/11/2020 18:46	WG1458907
Pyrene	ND		0.00600	1	04/11/2020 18:46	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:46	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:46	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 18:46	WG1458907
(S) p-Terphenyl-d14	*78.3*		*23.0-120*		*04/11/2020 18:46*	WG1458907
(S) Nitrobenzene-d5	*92.7*		*14.0-149*		*04/11/2020 18:46*	WG1458907
(S) 2-Fluorobiphenyl	*69.2*		*34.0-125*		*04/11/2020 18:46*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:44	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.64		2.00	1	04/11/2020 09:33	WG1458566
Barium	81.6		0.500	1	04/11/2020 09:33	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:33	WG1458566
Chromium	3.43		1.00	1	04/11/2020 09:33	WG1458566
Lead	15.5		0.500	1	04/11/2020 09:33	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:33	WG1458566
Silver	ND		1.00	1	04/11/2020 09:33	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 07:44	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 07:44	WG1457828
Benzene	ND		0.0250	1	04/09/2020 07:44	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 07:44	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
Bromoform	ND		0.625	1	04/09/2020 07:44	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 07:44	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 07:44	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 07:44	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 07:44	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 07:44	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 07:44	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 07:44	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 07:44	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 07:44	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 07:44	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 07:44	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 07:44	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 07:44	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 07:44	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 07:44	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 07:44	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 07:44	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 07:44	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 07:44	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 07:44	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 07:44	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 07:44	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 07:44	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 07:44	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 07:44	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 07:44	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 07:44	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 07:44	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 07:44	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 07:44	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 07:44	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 07:44	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 07:44	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 07:44	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 07:44	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 07:44	WG1457828
Propene	ND		1.25	1	04/09/2020 07:44	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
Styrene	ND		0.313	1	04/09/2020 07:44	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 07:44	WG1457828
Toluene	ND		0.125	1	04/09/2020 07:44	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 07:44	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 07:44	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 07:44	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 07:44	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 07:44	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 07:44	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 07:44	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 07:44	WG1457828
(S) Toluene-d8	*102*		*75.0-131*		*04/09/2020 07:44*	WG1457828
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/09/2020 07:44*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*04/09/2020 07:44*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 19:09	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 19:09	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 19:09	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 19:09	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 19:09	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 19:09	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 19:09	WG1458860
(S) Decachlorobiphenyl	*98.9*		*10.0-135*		*04/13/2020 19:09*	WG1458860
(S) Tetrachloro-m-xylene	*97.8*		*10.0-139*		*04/13/2020 19:09*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Acenaphthene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Acenaphthylene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Chrysene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Fluoranthene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Fluorene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Naphthalene	ND		0.0200	1	04/11/2020 19:08	WG1458907
Phenanthrene	ND		0.00600	1	04/11/2020 19:08	WG1458907
Pyrene	ND		0.00600	1	04/11/2020 19:08	WG1458907
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:08	WG1458907
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:08	WG1458907
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 19:08	WG1458907
(S) p-Terphenyl-d14	*80.1*		*23.0-120*		*04/11/2020 19:08*	WG1458907
(S) Nitrobenzene-d5	*96.2*		*14.0-149*		*04/11/2020 19:08*	WG1458907
(S) 2-Fluorobiphenyl	*72.7*		*34.0-125*		*04/11/2020 19:08*	WG1458907

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:47	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.37		2.00	1	04/11/2020 09:36	WG1458566
Barium	66.0		0.500	1	04/11/2020 09:36	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:36	WG1458566
Chromium	5.02		1.00	1	04/11/2020 09:36	WG1458566
Lead	9.91		0.500	1	04/11/2020 09:36	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:36	WG1458566
Silver	ND		1.00	1	04/11/2020 09:36	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 08:03	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 08:03	WG1457828
Benzene	ND		0.0250	1	04/09/2020 08:03	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 08:03	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
Bromoform	ND		0.625	1	04/09/2020 08:03	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 08:03	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 08:03	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 08:03	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 08:03	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 08:03	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 08:03	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 08:03	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 08:03	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 08:03	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 08:03	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 08:03	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 08:03	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 08:03	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 08:03	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 08:03	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 08:03	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 08:03	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 08:03	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 08:03	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 08:03	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 08:03	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 08:03	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 08:03	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 08:03	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 08:03	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 08:03	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 08:03	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 08:03	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 08:03	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 08:03	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 08:03	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 08:03	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 08:03	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 08:03	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 08:03	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 08:03	WG1457828
Propene	ND		1.25	1	04/09/2020 08:03	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
Styrene	ND		0.313	1	04/09/2020 08:03	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 08:03	WG1457828
Toluene	ND		0.125	1	04/09/2020 08:03	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 08:03	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 08:03	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 08:03	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 08:03	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 08:03	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 08:03	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 08:03	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 08:03	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 08:03*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 08:03*	WG1457828
(S) 1,2-Dichloroethane-d4	*87.3*		*70.0-130*		*04/09/2020 08:03*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 19:21	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 19:21	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 19:21	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 19:21	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 19:21	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 19:21	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 19:21	WG1458860
(S) Decachlorobiphenyl	*98.4*		*10.0-135*		*04/13/2020 19:21*	WG1458860
(S) Tetrachloro-m-xylene	*109*		*10.0-139*		*04/13/2020 19:21*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 13:02	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 13:02	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 13:02	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 13:02	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 13:02	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 13:02	WG1459072
(S) p-Terphenyl-d14	*83.1*		*23.0-120*		*04/11/2020 13:02*	WG1459072
(S) Nitrobenzene-d5	*96.3*		*14.0-149*		*04/11/2020 13:02*	WG1459072
(S) 2-Fluorobiphenyl	*84.5*		*34.0-125*		*04/11/2020 13:02*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.100		0.0400	1	04/12/2020 19:49	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.32		2.00	1	04/11/2020 09:38	WG1458566
Barium	142		0.500	1	04/11/2020 09:38	WG1458566
Cadmium	0.728		0.500	1	04/11/2020 09:38	WG1458566
Chromium	13.8		1.00	1	04/11/2020 09:38	WG1458566
Lead	60.6		0.500	1	04/11/2020 09:38	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:38	WG1458566
Silver	ND		1.00	1	04/11/2020 09:38	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.34	1.07	04/09/2020 08:22	WG1457828
Acrylonitrile	ND	R7	0.334	1.07	04/09/2020 08:22	WG1457828
Benzene	ND		0.0268	1.07	04/09/2020 08:22	WG1457828
Bromobenzene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
Bromodichloromethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Bromoform	ND		0.669	1.07	04/09/2020 08:22	WG1457828
Bromomethane	ND		0.334	1.07	04/09/2020 08:22	WG1457828
1,3-Butadiene	ND		0.669	1.07	04/09/2020 08:22	WG1457828
n-Butylbenzene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
sec-Butylbenzene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
tert-Butylbenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Carbon disulfide	ND		0.334	1.07	04/09/2020 08:22	WG1457828
Carbon tetrachloride	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Chlorobenzene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Chlorodibromomethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Chloroethane	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Chloroform	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Chloromethane	ND		0.334	1.07	04/09/2020 08:22	WG1457828
2-Chlorotoluene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
4-Chlorotoluene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Cyclohexane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.669	1.07	04/09/2020 08:22	WG1457828
1,2-Dibromoethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Dibromomethane	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,2-Dichlorobenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,3-Dichlorobenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,4-Dichlorobenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Dichlorodifluoromethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,1-Dichloroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,2-Dichloroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,1-Dichloroethene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
cis-1,2-Dichloroethene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
trans-1,2-Dichloroethene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,2-Dichloropropane	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,1-Dichloropropene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,3-Dichloropropane	ND		0.134	1.07	04/09/2020 08:22	WG1457828
cis-1,3-Dichloropropene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
trans-1,3-Dichloropropene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
2,2-Dichloropropane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
Di-isopropyl ether	ND		0.0268	1.07	04/09/2020 08:22	WG1457828
Ethylbenzene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
4-Ethyltoluene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Hexachloro-1,3-butadiene	ND		0.669	1.07	04/09/2020 08:22	WG1457828
n-Hexane	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Isopropylbenzene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
p-Isopropyltoluene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
2-Butanone (MEK)	ND		2.68	1.07	04/09/2020 08:22	WG1457828
Methylene Chloride	ND		0.669	1.07	04/09/2020 08:22	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.669	1.07	04/09/2020 08:22	WG1457828
Methyl tert-butyl ether	ND		0.0268	1.07	04/09/2020 08:22	WG1457828
Methyl Cyclohexane	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Naphthalene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
Propene	ND		1.34	1.07	04/09/2020 08:22	WG1457828
n-Propylbenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Styrene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Tetrachloroethene	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Toluene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,2,3-Trichlorobenzene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
1,2,4-Trichlorobenzene	ND		0.334	1.07	04/09/2020 08:22	WG1457828
1,1,1-Trichloroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,1,2-Trichloroethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Trichloroethene	ND		0.0268	1.07	04/09/2020 08:22	WG1457828
Trichlorofluoromethane	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
1,2,3-Trichloropropane	ND		0.334	1.07	04/09/2020 08:22	WG1457828
1,2,4-Trimethylbenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,2,3-Trimethylbenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
1,3,5-Trimethylbenzene	ND		0.134	1.07	04/09/2020 08:22	WG1457828
Vinyl chloride	ND		0.0669	1.07	04/09/2020 08:22	WG1457828
Xylenes, Total	ND		0.174	1.07	04/09/2020 08:22	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 08:22*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 08:22*	WG1457828
(S) 1,2-Dichloroethane-d4	*93.6*		*70.0-130*		*04/09/2020 08:22*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 19:34	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 19:34	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 19:34	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 19:34	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 19:34	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 19:34	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 19:34	WG1458860
(S) Decachlorobiphenyl	*84.8*		*10.0-135*		*04/13/2020 19:34*	WG1458860
(S) Tetrachloro-m-xylene	*86.3*		*10.0-139*		*04/13/2020 19:34*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.00766		0.00600	1	04/11/2020 19:35	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 19:35	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 19:35	WG1459072
Benzo(a)anthracene	0.0529		0.00600	1	04/11/2020 19:35	WG1459072
Benzo(a)pyrene	0.0783		0.00600	1	04/11/2020 19:35	WG1459072
Benzo(b)fluoranthene	0.125		0.00600	1	04/11/2020 19:35	WG1459072
Benzo(g,h,i)perylene	0.0831		0.00600	1	04/11/2020 19:35	WG1459072
Benzo(k)fluoranthene	0.0431		0.00600	1	04/11/2020 19:35	WG1459072
Chrysene	0.0730		0.00600	1	04/11/2020 19:35	WG1459072
Dibenz(a,h)anthracene	0.0187		0.00600	1	04/11/2020 19:35	WG1459072
Fluoranthene	0.111		0.00600	1	04/11/2020 19:35	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 19:35	WG1459072
Indeno(1,2,3-cd)pyrene	0.0698		0.00600	1	04/11/2020 19:35	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 19:35	WG1459072
Phenanthrene	0.0263		0.00600	1	04/11/2020 19:35	WG1459072
Pyrene	0.114		0.00600	1	04/11/2020 19:35	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:35	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:35	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 19:35	WG1459072
(S) p-Terphenyl-d14	*73.4*		*23.0-120*		*04/11/2020 19:35*	WG1459072
(S) Nitrobenzene-d5	*88.1*		*14.0-149*		*04/11/2020 19:35*	WG1459072
(S) 2-Fluorobiphenyl	*79.3*		*34.0-125*		*04/11/2020 19:35*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0671		0.0400	1	04/12/2020 19:52	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.75		2.00	1	04/11/2020 09:41	WG1458566
Barium	141		0.500	1	04/11/2020 09:41	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:41	WG1458566
Chromium	13.6		1.00	1	04/11/2020 09:41	WG1458566
Lead	30.6		0.500	1	04/11/2020 09:41	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:41	WG1458566
Silver	ND		1.00	1	04/11/2020 09:41	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 08:42	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 08:42	WG1457828
Benzene	ND		0.0250	1	04/09/2020 08:42	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 08:42	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
Bromoform	ND		0.625	1	04/09/2020 08:42	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 08:42	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 08:42	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 08:42	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 08:42	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 08:42	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 08:42	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 08:42	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 08:42	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 08:42	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 08:42	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 08:42	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 08:42	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 08:42	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 08:42	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 08:42	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 08:42	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 08:42	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 08:42	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 08:42	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 08:42	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 08:42	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 08:42	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 08:42	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 08:42	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 08:42	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 08:42	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 08:42	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 08:42	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 08:42	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 08:42	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 08:42	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 08:42	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 08:42	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 08:42	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 08:42	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 08:42	WG1457828
Propene	ND		1.25	1	04/09/2020 08:42	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
Styrene	ND		0.313	1	04/09/2020 08:42	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 08:42	WG1457828
Toluene	ND		0.125	1	04/09/2020 08:42	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 08:42	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 08:42	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 08:42	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 08:42	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 08:42	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 08:42	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 08:42	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 08:42	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 08:42*	WG1457828
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/09/2020 08:42*	WG1457828
(S) 1,2-Dichloroethane-d4	*90.2*		*70.0-130*		*04/09/2020 08:42*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 19:46	WG1458860
PCB 1221	ND		0.0340	1	04/13/2020 19:46	WG1458860
PCB 1232	ND		0.0340	1	04/13/2020 19:46	WG1458860
PCB 1242	ND		0.0340	1	04/13/2020 19:46	WG1458860
PCB 1248	ND		0.0170	1	04/13/2020 19:46	WG1458860
PCB 1254	ND		0.0170	1	04/13/2020 19:46	WG1458860
PCB 1260	ND		0.0170	1	04/13/2020 19:46	WG1458860
(S) Decachlorobiphenyl	*70.3*		*10.0-135*		*04/13/2020 19:46*	WG1458860
(S) Tetrachloro-m-xylene	*72.5*		*10.0-139*		*04/13/2020 19:46*	WG1458860

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Benzo(b)fluoranthene	0.00820		0.00600	1	04/11/2020 13:23	WG1459072
Benzo(g,h,i)perylene	0.00615		0.00600	1	04/11/2020 13:23	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Fluoranthene	0.00866		0.00600	1	04/11/2020 13:23	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 13:23	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 13:23	WG1459072
Pyrene	0.00936		0.00600	1	04/11/2020 13:23	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 13:23	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 13:23	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 13:23	WG1459072
(S) p-Terphenyl-d14	*83.9*		*23.0-120*		*04/11/2020 13:23*	WG1459072
(S) Nitrobenzene-d5	*97.6*		*14.0-149*		*04/11/2020 13:23*	WG1459072
(S) 2-Fluorobiphenyl	*85.3*		*34.0-125*		*04/11/2020 13:23*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:54	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.44		2.00	1	04/11/2020 09:43	WG1458566
Barium	144		0.500	1	04/11/2020 09:43	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:43	WG1458566
Chromium	12.8		1.00	1	04/11/2020 09:43	WG1458566
Lead	20.3		0.500	1	04/11/2020 09:43	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:43	WG1458566
Silver	ND		1.00	1	04/11/2020 09:43	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 09:01	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 09:01	WG1457828
Benzene	ND		0.0250	1	04/09/2020 09:01	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 09:01	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
Bromoform	ND		0.625	1	04/09/2020 09:01	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 09:01	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 09:01	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 09:01	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 09:01	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 09:01	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 09:01	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 09:01	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 09:01	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 09:01	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 09:01	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 09:01	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 09:01	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 09:01	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 09:01	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 09:01	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 09:01	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 09:01	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 09:01	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 09:01	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 09:01	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 09:01	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 09:01	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 09:01	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 09:01	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 09:01	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 09:01	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 09:01	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 09:01	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 09:01	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 09:01	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 09:01	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 09:01	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 09:01	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 09:01	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 09:01	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 09:01	WG1457828
Propene	ND		1.25	1	04/09/2020 09:01	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
Styrene	ND		0.313	1	04/09/2020 09:01	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 09:01	WG1457828
Toluene	ND		0.125	1	04/09/2020 09:01	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 09:01	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 09:01	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 09:01	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 09:01	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 09:01	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 09:01	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 09:01	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 09:01	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 09:01*	WG1457828
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 09:01*	WG1457828
(S) 1,2-Dichloroethane-d4	*89.0*		*70.0-130*		*04/09/2020 09:01*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 17:24	WG1459503
PCB 1221	ND		0.0340	1	04/14/2020 17:24	WG1459503
PCB 1232	ND		0.0340	1	04/14/2020 17:24	WG1459503
PCB 1242	ND		0.0340	1	04/14/2020 17:24	WG1459503
PCB 1248	ND		0.0170	1	04/14/2020 17:24	WG1459503
PCB 1254	ND		0.0170	1	04/14/2020 17:24	WG1459503
PCB 1260	ND	L1	0.0170	1	04/14/2020 17:24	WG1459503
(S) Decachlorobiphenyl	*124*		*10.0-135*		*04/14/2020 17:24*	WG1459503
(S) Tetrachloro-m-xylene	*87.2*		*10.0-139*		*04/14/2020 17:24*	WG1459503

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 13:43	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 13:43	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 13:43	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 13:43	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 13:43	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 13:43	WG1459072
(S) p-Terphenyl-d14	*78.1*		*23.0-120*		*04/11/2020 13:43*	WG1459072
(S) Nitrobenzene-d5	*90.0*		*14.0-149*		*04/11/2020 13:43*	WG1459072
(S) 2-Fluorobiphenyl	*79.4*		*34.0-125*		*04/11/2020 13:43*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:57	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.30		2.00	1	04/11/2020 09:46	WG1458566
Barium	75.7		0.500	1	04/11/2020 09:46	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:46	WG1458566
Chromium	9.80		1.00	1	04/11/2020 09:46	WG1458566
Lead	10.4		0.500	1	04/11/2020 09:46	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:46	WG1458566
Silver	ND		1.00	1	04/11/2020 09:46	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 09:20	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 09:20	WG1457828
Benzene	ND		0.0250	1	04/09/2020 09:20	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 09:20	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
Bromoform	ND		0.625	1	04/09/2020 09:20	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 09:20	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 09:20	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 09:20	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 09:20	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 09:20	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 09:20	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 09:20	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 09:20	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 09:20	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 09:20	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 09:20	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 09:20	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 09:20	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 09:20	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 09:20	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 09:20	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 09:20	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 09:20	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 09:20	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 09:20	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 09:20	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 09:20	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 09:20	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 09:20	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 09:20	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 09:20	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 09:20	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 09:20	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 09:20	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 09:20	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 09:20	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 09:20	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 09:20	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 09:20	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 09:20	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 09:20	WG1457828
Propene	ND		1.25	1	04/09/2020 09:20	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
Styrene	ND		0.313	1	04/09/2020 09:20	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 09:20	WG1457828
Toluene	ND		0.125	1	04/09/2020 09:20	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 09:20	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 09:20	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 09:20	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 09:20	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 09:20	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 09:20	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 09:20	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 09:20	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 09:20*	WG1457828
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/09/2020 09:20*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.5*		*70.0-130*		*04/09/2020 09:20*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 17:38	WG1459503
PCB 1221	ND		0.0340	1	04/14/2020 17:38	WG1459503
PCB 1232	ND		0.0340	1	04/14/2020 17:38	WG1459503
PCB 1242	ND		0.0340	1	04/14/2020 17:38	WG1459503
PCB 1248	ND		0.0170	1	04/14/2020 17:38	WG1459503
PCB 1254	ND		0.0170	1	04/14/2020 17:38	WG1459503
PCB 1260	ND	L1	0.0170	1	04/14/2020 17:38	WG1459503
(S) Decachlorobiphenyl	*136*	S4	*10.0-135*		*04/14/2020 17:38*	WG1459503
(S) Tetrachloro-m-xylene	*96.7*		*10.0-139*		*04/14/2020 17:38*	WG1459503

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 14:04	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 14:04	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 14:04	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 14:04	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 14:04	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 14:04	WG1459072
(S) p-Terphenyl-d14	*79.3*		*23.0-120*		*04/11/2020 14:04*	WG1459072
(S) Nitrobenzene-d5	*92.0*		*14.0-149*		*04/11/2020 14:04*	WG1459072
(S) 2-Fluorobiphenyl	*79.8*		*34.0-125*		*04/11/2020 14:04*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 19:59	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.78		2.00	1	04/11/2020 09:48	WG1458566
Barium	50.3		0.500	1	04/11/2020 09:48	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:48	WG1458566
Chromium	6.12		1.00	1	04/11/2020 09:48	WG1458566
Lead	9.32		0.500	1	04/11/2020 09:48	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:48	WG1458566
Silver	ND		1.00	1	04/11/2020 09:48	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 09:39	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 09:39	WG1457828
Benzene	ND		0.0250	1	04/09/2020 09:39	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 09:39	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
Bromoform	ND		0.625	1	04/09/2020 09:39	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 09:39	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 09:39	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 09:39	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 09:39	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 09:39	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 09:39	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 09:39	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 09:39	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 09:39	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 09:39	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 09:39	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 09:39	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 09:39	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 09:39	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 09:39	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 09:39	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 09:39	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 09:39	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 09:39	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 09:39	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 09:39	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 09:39	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 09:39	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 09:39	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 09:39	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 09:39	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 09:39	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 09:39	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 09:39	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 09:39	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 09:39	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 09:39	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 09:39	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 09:39	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 09:39	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 09:39	WG1457828
Propene	ND		1.25	1	04/09/2020 09:39	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
Styrene	ND		0.313	1	04/09/2020 09:39	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 09:39	WG1457828
Toluene	ND		0.125	1	04/09/2020 09:39	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 09:39	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 09:39	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 09:39	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 09:39	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 09:39	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 09:39	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 09:39	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 09:39	WG1457828
(S) Toluene-d8	*102*		*75.0-131*		*04/09/2020 09:39*	WG1457828
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/09/2020 09:39*	WG1457828
(S) 1,2-Dichloroethane-d4	*89.9*		*70.0-130*		*04/09/2020 09:39*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 09:50	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 09:50	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 09:50	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 09:50	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 09:50	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 09:50	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 09:50	WG1459065
(S) Decachlorobiphenyl	*95.1*		*10.0-135*		*04/11/2020 09:50*	WG1459065
(S) Tetrachloro-m-xylene	*92.7*		*10.0-139*		*04/11/2020 09:50*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 14:25	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 14:25	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 14:25	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 14:25	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 14:25	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 14:25	WG1459072
(S) p-Terphenyl-d14	*82.0*		*23.0-120*		*04/11/2020 14:25*	WG1459072
(S) Nitrobenzene-d5	*94.0*		*14.0-149*		*04/11/2020 14:25*	WG1459072
(S) 2-Fluorobiphenyl	*82.5*		*34.0-125*		*04/11/2020 14:25*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:07	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.77		2.00	1	04/11/2020 10:54	WG1458568
Barium	37.6		0.500	1	04/11/2020 10:54	WG1458568
Cadmium	ND		0.500	1	04/11/2020 10:54	WG1458568
Chromium	4.34		1.00	1	04/11/2020 10:54	WG1458568
Lead	6.19		0.500	1	04/11/2020 10:54	WG1458568
Selenium	ND		2.00	1	04/11/2020 10:54	WG1458568
Silver	ND		1.00	1	04/11/2020 10:54	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.35	1.08	04/09/2020 09:58	WG1457828
Acrylonitrile	ND	R7	0.338	1.08	04/09/2020 09:58	WG1457828
Benzene	ND		0.0270	1.08	04/09/2020 09:58	WG1457828
Bromobenzene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
Bromodichloromethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Bromoform	ND		0.675	1.08	04/09/2020 09:58	WG1457828
Bromomethane	ND		0.338	1.08	04/09/2020 09:58	WG1457828
1,3-Butadiene	ND		0.675	1.08	04/09/2020 09:58	WG1457828
n-Butylbenzene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
sec-Butylbenzene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
tert-Butylbenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Carbon disulfide	ND		0.338	1.08	04/09/2020 09:58	WG1457828
Carbon tetrachloride	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Chlorobenzene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Chlorodibromomethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Chloroethane	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Chloroform	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Chloromethane	ND		0.338	1.08	04/09/2020 09:58	WG1457828
2-Chlorotoluene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
4-Chlorotoluene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Cyclohexane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.675	1.08	04/09/2020 09:58	WG1457828
1,2-Dibromoethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Dibromomethane	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,2-Dichlorobenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,3-Dichlorobenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,4-Dichlorobenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Dichlorodifluoromethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,1-Dichloroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,2-Dichloroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,1-Dichloroethene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
cis-1,2-Dichloroethene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
trans-1,2-Dichloroethene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,2-Dichloropropane	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,1-Dichloropropene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,3-Dichloropropane	ND		0.135	1.08	04/09/2020 09:58	WG1457828
cis-1,3-Dichloropropene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
trans-1,3-Dichloropropene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
2,2-Dichloropropane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
Di-isopropyl ether	ND		0.0270	1.08	04/09/2020 09:58	WG1457828
Ethylbenzene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
4-Ethyltoluene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Hexachloro-1,3-butadiene	ND		0.675	1.08	04/09/2020 09:58	WG1457828
n-Hexane	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Isopropylbenzene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
p-Isopropyltoluene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
2-Butanone (MEK)	ND		2.70	1.08	04/09/2020 09:58	WG1457828
Methylene Chloride	ND		0.675	1.08	04/09/2020 09:58	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.675	1.08	04/09/2020 09:58	WG1457828
Methyl tert-butyl ether	ND		0.0270	1.08	04/09/2020 09:58	WG1457828
Methyl Cyclohexane	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Naphthalene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
Propene	ND		1.35	1.08	04/09/2020 09:58	WG1457828
n-Propylbenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Styrene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Tetrachloroethene	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Toluene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,2,3-Trichlorobenzene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
1,2,4-Trichlorobenzene	ND		0.338	1.08	04/09/2020 09:58	WG1457828
1,1,1-Trichloroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,1,2-Trichloroethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Trichloroethene	ND		0.0270	1.08	04/09/2020 09:58	WG1457828
Trichlorofluoromethane	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
1,2,3-Trichloropropane	ND		0.338	1.08	04/09/2020 09:58	WG1457828
1,2,4-Trimethylbenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,2,3-Trimethylbenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
1,3,5-Trimethylbenzene	ND		0.135	1.08	04/09/2020 09:58	WG1457828
Vinyl chloride	ND		0.0675	1.08	04/09/2020 09:58	WG1457828
Xylenes, Total	ND		0.176	1.08	04/09/2020 09:58	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 09:58*	WG1457828
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/09/2020 09:58*	WG1457828
(S) 1,2-Dichloroethane-d4	*89.2*		*70.0-130*		*04/09/2020 09:58*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 10:03	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 10:03	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 10:03	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 10:03	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 10:03	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 10:03	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 10:03	WG1459065
(S) Decachlorobiphenyl	*92.1*		*10.0-135*		*04/11/2020 10:03*	WG1459065
(S) Tetrachloro-m-xylene	*89.2*		*10.0-139*		*04/11/2020 10:03*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 15:27	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 15:27	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 15:27	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 15:27	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 15:27	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 15:27	WG1459072
(S) p-Terphenyl-d14	*77.8*		*23.0-120*		*04/11/2020 15:27*	WG1459072
(S) Nitrobenzene-d5	*89.2*		*14.0-149*		*04/11/2020 15:27*	WG1459072
(S) 2-Fluorobiphenyl	*78.4*		*34.0-125*		*04/11/2020 15:27*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:09	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.67		2.00	1	04/11/2020 09:56	WG1458566
Barium	30.6		0.500	1	04/11/2020 09:56	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:56	WG1458566
Chromium	6.06		1.00	1	04/11/2020 09:56	WG1458566
Lead	7.61		0.500	1	04/11/2020 09:56	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:56	WG1458566
Silver	ND		1.00	1	04/11/2020 09:56	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 10:17	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 10:17	WG1457828
Benzene	ND		0.0250	1	04/09/2020 10:17	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 10:17	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
Bromoform	ND		0.625	1	04/09/2020 10:17	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 10:17	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 10:17	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 10:17	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 10:17	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 10:17	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 10:17	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 10:17	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 10:17	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 10:17	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 10:17	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 10:17	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 10:17	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 10:17	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 10:17	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 10:17	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 10:17	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 10:17	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 10:17	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 10:17	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 10:17	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 10:17	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 10:17	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 10:17	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 10:17	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 10:17	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 10:17	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 10:17	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 10:17	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 10:17	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 10:17	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 10:17	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 10:17	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 10:17	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 10:17	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 10:17	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 10:17	WG1457828
Propene	ND		1.25	1	04/09/2020 10:17	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
Styrene	ND		0.313	1	04/09/2020 10:17	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 10:17	WG1457828
Toluene	ND		0.125	1	04/09/2020 10:17	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 10:17	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 10:17	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 10:17	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 10:17	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 10:17	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 10:17	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 10:17	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 10:17	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 10:17*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 10:17*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*04/09/2020 10:17*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 10:53	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 10:53	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 10:53	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 10:53	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 10:53	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 10:53	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 10:53	WG1459065
(S) Decachlorobiphenyl	*96.4*		*10.0-135*		*04/11/2020 10:53*	WG1459065
(S) Tetrachloro-m-xylene	*91.3*		*10.0-139*		*04/11/2020 10:53*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 15:47	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 15:47	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 15:47	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 15:47	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 15:47	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 15:47	WG1459072
(S) p-Terphenyl-d14	*79.8*		*23.0-120*		*04/11/2020 15:47*	WG1459072
(S) Nitrobenzene-d5	*93.5*		*14.0-149*		*04/11/2020 15:47*	WG1459072
(S) 2-Fluorobiphenyl	*82.2*		*34.0-125*		*04/11/2020 15:47*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:12	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.01		2.00	1	04/11/2020 09:59	WG1458566
Barium	317		0.500	1	04/11/2020 09:59	WG1458566
Cadmium	ND		0.500	1	04/11/2020 09:59	WG1458566
Chromium	21.5		1.00	1	04/11/2020 09:59	WG1458566
Lead	31.0		0.500	1	04/11/2020 09:59	WG1458566
Selenium	ND		2.00	1	04/11/2020 09:59	WG1458566
Silver	ND		1.00	1	04/11/2020 09:59	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 10:36	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 10:36	WG1457828
Benzene	ND		0.0250	1	04/09/2020 10:36	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 10:36	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
Bromoform	ND		0.625	1	04/09/2020 10:36	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 10:36	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 10:36	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 10:36	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 10:36	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 10:36	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 10:36	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 10:36	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 10:36	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 10:36	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 10:36	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 10:36	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 10:36	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 10:36	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 10:36	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 10:36	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 10:36	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 10:36	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 10:36	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 10:36	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 10:36	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 10:36	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 10:36	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 10:36	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 10:36	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 10:36	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 10:36	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 10:36	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 10:36	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 10:36	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 10:36	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 10:36	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 10:36	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 10:36	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 10:36	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 10:36	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 10:36	WG1457828
Propene	ND		1.25	1	04/09/2020 10:36	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
Styrene	ND		0.313	1	04/09/2020 10:36	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 10:36	WG1457828
Toluene	ND		0.125	1	04/09/2020 10:36	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 10:36	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 10:36	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 10:36	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 10:36	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 10:36	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 10:36	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 10:36	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 10:36	WG1457828
(S) Toluene-d8	*101*		*75.0-131*		*04/09/2020 10:36*	WG1457828
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 10:36*	WG1457828
(S) 1,2-Dichloroethane-d4	*90.0*		*70.0-130*		*04/09/2020 10:36*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 11:05	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 11:05	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 11:05	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 11:05	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 11:05	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 11:05	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 11:05	WG1459065
(S) Decachlorobiphenyl	*88.1*		*10.0-135*		*04/11/2020 11:05*	WG1459065
(S) Tetrachloro-m-xylene	*85.4*		*10.0-139*		*04/11/2020 11:05*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 16:08	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 16:08	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 16:08	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 16:08	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 16:08	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 16:08	WG1459072
(S) p-Terphenyl-d14	*80.5*		*23.0-120*		*04/11/2020 16:08*	WG1459072
(S) Nitrobenzene-d5	*92.9*		*14.0-149*		*04/11/2020 16:08*	WG1459072
(S) 2-Fluorobiphenyl	*82.1*		*34.0-125*		*04/11/2020 16:08*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:15	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.18		2.00	1	04/11/2020 10:02	WG1458566
Barium	87.2		0.500	1	04/11/2020 10:02	WG1458566
Cadmium	1.01		0.500	1	04/11/2020 10:02	WG1458566
Chromium	9.98		1.00	1	04/11/2020 10:02	WG1458566
Lead	467		2.50	5	04/12/2020 00:19	WG1458566
Selenium	ND		2.00	1	04/11/2020 10:02	WG1458566
Silver	ND		1.00	1	04/11/2020 10:02	WG1458566

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 10:55	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 10:55	WG1457828
Benzene	ND		0.0250	1	04/09/2020 10:55	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 10:55	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
Bromoform	ND		0.625	1	04/09/2020 10:55	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 10:55	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 10:55	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 10:55	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 10:55	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 10:55	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 10:55	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 10:55	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 10:55	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 10:55	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 10:55	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 10:55	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 10:55	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 10:55	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 10:55	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 10:55	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 10:55	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 10:55	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 10:55	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 10:55	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 10:55	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 10:55	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 10:55	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 10:55	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 10:55	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 10:55	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 10:55	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 10:55	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 10:55	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 10:55	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 10:55	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 10:55	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 10:55	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 10:55	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 10:55	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 10:55	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 10:55	WG1457828
Propene	ND		1.25	1	04/09/2020 10:55	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
Styrene	ND		0.313	1	04/09/2020 10:55	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 10:55	WG1457828
Toluene	ND		0.125	1	04/09/2020 10:55	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 10:55	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 10:55	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 10:55	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 10:55	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 10:55	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 10:55	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 10:55	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 10:55	WG1457828
(S) Toluene-d8	*103*		*75.0-131*		*04/09/2020 10:55*	WG1457828
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/09/2020 10:55*	WG1457828
(S) 1,2-Dichloroethane-d4	*89.9*		*70.0-130*		*04/09/2020 10:55*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 11:18	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 11:18	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 11:18	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 11:18	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 11:18	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 11:18	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 11:18	WG1459065
(S) Decachlorobiphenyl	*92.8*		*10.0-135*		*04/11/2020 11:18*	WG1459065
(S) Tetrachloro-m-xylene	*91.8*		*10.0-139*		*04/11/2020 11:18*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 19:55	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 19:55	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 19:55	WG1459072
Benzo(a)anthracene	0.0135		0.00600	1	04/11/2020 19:55	WG1459072
Benzo(a)pyrene	0.0215		0.00600	1	04/11/2020 19:55	WG1459072
Benzo(b)fluoranthene	0.0455		0.00600	1	04/11/2020 19:55	WG1459072
Benzo(g,h,i)perylene	0.0330		0.00600	1	04/11/2020 19:55	WG1459072
Benzo(k)fluoranthene	0.0108		0.00600	1	04/11/2020 19:55	WG1459072
Chrysene	0.0200		0.00600	1	04/11/2020 19:55	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 19:55	WG1459072
Fluoranthene	0.0383		0.00600	1	04/11/2020 19:55	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 19:55	WG1459072
Indeno(1,2,3-cd)pyrene	0.0219		0.00600	1	04/11/2020 19:55	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 19:55	WG1459072
Phenanthrene	0.00617		0.00600	1	04/11/2020 19:55	WG1459072
Pyrene	0.0304		0.00600	1	04/11/2020 19:55	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:55	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:55	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 19:55	WG1459072
(S) p-Terphenyl-d14	*84.4*		*23.0-120*		*04/11/2020 19:55*	WG1459072
(S) Nitrobenzene-d5	*101*		*14.0-149*		*04/11/2020 19:55*	WG1459072
(S) 2-Fluorobiphenyl	*87.4*		*34.0-125*		*04/11/2020 19:55*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0817		0.0400	1	04/12/2020 20:17	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.52		2.00	1	04/11/2020 11:06	WG1458568
Barium	109		0.500	1	04/11/2020 11:06	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:06	WG1458568
Chromium	10.5		1.00	1	04/11/2020 11:06	WG1458568
Lead	69.3		0.500	1	04/11/2020 11:06	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:06	WG1458568
Silver	ND		1.00	1	04/11/2020 11:06	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 11:14	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 11:14	WG1457828
Benzene	ND		0.0250	1	04/09/2020 11:14	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 11:14	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
Bromoform	ND		0.625	1	04/09/2020 11:14	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 11:14	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 11:14	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 11:14	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:14	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 11:14	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:14	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 11:14	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 11:14	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 11:14	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 11:14	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:14	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:14	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:14	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 11:14	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:14	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:14	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:14	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:14	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:14	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:14	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:14	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:14	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 11:14	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:14	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 11:14	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:14	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 11:14	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 11:14	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:14	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:14	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 11:14	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 11:14	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:14	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:14	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:14	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 11:14	WG1457828
Propene	ND		1.25	1	04/09/2020 11:14	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
Styrene	ND		0.313	1	04/09/2020 11:14	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:14	WG1457828
Toluene	ND		0.125	1	04/09/2020 11:14	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:14	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 11:14	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 11:14	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:14	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:14	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:14	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 11:14	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 11:14	WG1457828
(S) Toluene-d8	*102*		*75.0-131*		*04/09/2020 11:14*	WG1457828
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/09/2020 11:14*	WG1457828
(S) 1,2-Dichloroethane-d4	*90.8*		*70.0-130*		*04/09/2020 11:14*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 11:30	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 11:30	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 11:30	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 11:30	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 11:30	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 11:30	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 11:30	WG1459065
(S) Decachlorobiphenyl	*82.1*		*10.0-135*		*04/11/2020 11:30*	WG1459065
(S) Tetrachloro-m-xylene	*82.4*		*10.0-139*		*04/11/2020 11:30*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 20:16	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 20:16	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 20:16	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 20:16	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 20:16	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 20:16	WG1459072
(S) p-Terphenyl-d14	*82.1*		*23.0-120*		*04/11/2020 20:16*	WG1459072
(S) Nitrobenzene-d5	*95.1*		*14.0-149*		*04/11/2020 20:16*	WG1459072
(S) 2-Fluorobiphenyl	*84.0*		*34.0-125*		*04/11/2020 20:16*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:20	WG1458682

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.11		2.00	1	04/11/2020 11:09	WG1458568
Barium	156		0.500	1	04/11/2020 11:09	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:09	WG1458568
Chromium	12.0		1.00	1	04/11/2020 11:09	WG1458568
Lead	27.1		0.500	1	04/11/2020 11:09	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:09	WG1458568
Silver	ND		1.00	1	04/11/2020 11:09	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 11:33	WG1457828
Acrylonitrile	ND	R7	0.313	1	04/09/2020 11:33	WG1457828
Benzene	ND		0.0250	1	04/09/2020 11:33	WG1457828
Bromobenzene	ND		0.313	1	04/09/2020 11:33	WG1457828
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
Bromoform	ND		0.625	1	04/09/2020 11:33	WG1457828
Bromomethane	ND		0.313	1	04/09/2020 11:33	WG1457828
1,3-Butadiene	ND		0.625	1	04/09/2020 11:33	WG1457828
n-Butylbenzene	ND		0.313	1	04/09/2020 11:33	WG1457828
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:33	WG1457828
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
Carbon disulfide	ND		0.313	1	04/09/2020 11:33	WG1457828
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:33	WG1457828
Chlorobenzene	ND		0.0625	1	04/09/2020 11:33	WG1457828
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
Chloroethane	ND		0.125	1	04/09/2020 11:33	WG1457828
Chloroform	ND		0.0625	1	04/09/2020 11:33	WG1457828
Chloromethane	ND		0.313	1	04/09/2020 11:33	WG1457828
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:33	WG1457828
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:33	WG1457828
Cyclohexane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:33	WG1457828
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
Dibromomethane	ND		0.125	1	04/09/2020 11:33	WG1457828
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:33	WG1457828
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:33	WG1457828
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:33	WG1457828
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:33	WG1457828
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:33	WG1457828
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:33	WG1457828
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:33	WG1457828
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:33	WG1457828

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 11:33	WG1457828
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:33	WG1457828
Ethylbenzene	ND		0.0625	1	04/09/2020 11:33	WG1457828
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:33	WG1457828
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 11:33	WG1457828
n-Hexane	ND		0.125	1	04/09/2020 11:33	WG1457828
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:33	WG1457828
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:33	WG1457828
2-Butanone (MEK)	ND		2.50	1	04/09/2020 11:33	WG1457828
Methylene Chloride	ND		0.625	1	04/09/2020 11:33	WG1457828
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:33	WG1457828
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:33	WG1457828
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:33	WG1457828
Naphthalene	ND		0.313	1	04/09/2020 11:33	WG1457828
Propene	ND		1.25	1	04/09/2020 11:33	WG1457828
n-Propylbenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
Styrene	ND		0.313	1	04/09/2020 11:33	WG1457828
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:33	WG1457828
Toluene	ND		0.125	1	04/09/2020 11:33	WG1457828
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:33	WG1457828
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 11:33	WG1457828
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
Trichloroethene	ND		0.0250	1	04/09/2020 11:33	WG1457828
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:33	WG1457828
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:33	WG1457828
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:33	WG1457828
Vinyl chloride	ND		0.0625	1	04/09/2020 11:33	WG1457828
Xylenes, Total	ND		0.163	1	04/09/2020 11:33	WG1457828
(S) Toluene-d8	*104*		*75.0-131*		*04/09/2020 11:33*	WG1457828
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/09/2020 11:33*	WG1457828
(S) 1,2-Dichloroethane-d4	*91.4*		*70.0-130*		*04/09/2020 11:33*	WG1457828

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 11:42	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 11:42	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 11:42	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 11:42	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 11:42	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 11:42	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 11:42	WG1459065
(S) Decachlorobiphenyl	*73.0*		*10.0-135*		*04/11/2020 11:42*	WG1459065
(S) Tetrachloro-m-xylene	*74.5*		*10.0-139*		*04/11/2020 11:42*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 19:14	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 19:14	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 19:14	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:14	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 19:14	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 19:14	WG1459072
(S) p-Terphenyl-d14	*81.5*		*23.0-120*		*04/11/2020 19:14*	WG1459072
(S) Nitrobenzene-d5	*95.1*		*14.0-149*		*04/11/2020 19:14*	WG1459072
(S) 2-Fluorobiphenyl	*83.9*		*34.0-125*		*04/11/2020 19:14*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:18	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.41		2.00	1	04/11/2020 11:11	WG1458568
Barium	108		0.500	1	04/11/2020 11:11	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:11	WG1458568
Chromium	11.9		1.00	1	04/11/2020 11:11	WG1458568
Lead	15.6		0.500	1	04/11/2020 11:11	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:11	WG1458568
Silver	ND		1.00	1	04/11/2020 11:11	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 09:06	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 09:06	WG1457961
Benzene	ND		0.0250	1	04/09/2020 09:06	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 09:06	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
Bromoform	ND		0.625	1	04/09/2020 09:06	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 09:06	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 09:06	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 09:06	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 09:06	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 09:06	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 09:06	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 09:06	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 09:06	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 09:06	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 09:06	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 09:06	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 09:06	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 09:06	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 09:06	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 09:06	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 09:06	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 09:06	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 09:06	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 09:06	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 09:06	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 09:06	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 09:06	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 09:06	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 09:06	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 09:06	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 09:06	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 09:06	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 09:06	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 09:06	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 09:06	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 09:06	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 09:06	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 09:06	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 09:06	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 09:06	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 09:06	WG1457961
Propene	ND		1.25	1	04/09/2020 09:06	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
Styrene	ND		0.313	1	04/09/2020 09:06	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 09:06	WG1457961
Toluene	ND		0.125	1	04/09/2020 09:06	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 09:06	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 09:06	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 09:06	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 09:06	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 09:06	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 09:06	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 09:06	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 09:06	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 09:06	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 09:06*	WG1457961
(S) 4-Bromofluorobenzene	*90.8*		*67.0-138*		*04/09/2020 09:06*	WG1457961
(S) 1,2-Dichloroethane-d4	*80.4*		*70.0-130*		*04/09/2020 09:06*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 11:55	WG1459065
PCB 1221	ND		0.0340	1	04/11/2020 11:55	WG1459065
PCB 1232	ND		0.0340	1	04/11/2020 11:55	WG1459065
PCB 1242	ND		0.0340	1	04/11/2020 11:55	WG1459065
PCB 1248	ND		0.0170	1	04/11/2020 11:55	WG1459065
PCB 1254	ND		0.0170	1	04/11/2020 11:55	WG1459065
PCB 1260	ND		0.0170	1	04/11/2020 11:55	WG1459065
(S) Decachlorobiphenyl	*75.8*		*10.0-135*		*04/11/2020 11:55*	WG1459065
(S) Tetrachloro-m-xylene	*76.0*		*10.0-139*		*04/11/2020 11:55*	WG1459065

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 16:29	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 16:29	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 16:29	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 16:29	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 16:29	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 16:29	WG1459072
(S) p-Terphenyl-d14	*83.3*		*23.0-120*		*04/11/2020 16:29*	WG1459072
(S) Nitrobenzene-d5	*95.9*		*14.0-149*		*04/11/2020 16:29*	WG1459072
(S) 2-Fluorobiphenyl	*85.5*		*34.0-125*		*04/11/2020 16:29*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:20	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.80		2.00	1	04/11/2020 11:19	WG1458568
Barium	123		0.500	1	04/11/2020 11:19	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:19	WG1458568
Chromium	11.9		1.00	1	04/11/2020 11:19	WG1458568
Lead	15.3		0.500	1	04/11/2020 11:19	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:19	WG1458568
Silver	ND		1.00	1	04/11/2020 11:19	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 09:25	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 09:25	WG1457961
Benzene	ND		0.0250	1	04/09/2020 09:25	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 09:25	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
Bromoform	ND		0.625	1	04/09/2020 09:25	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 09:25	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 09:25	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 09:25	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 09:25	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 09:25	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 09:25	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 09:25	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 09:25	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 09:25	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 09:25	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 09:25	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 09:25	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 09:25	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 09:25	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 09:25	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 09:25	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 09:25	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 09:25	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 09:25	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 09:25	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 09:25	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 09:25	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 09:25	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 09:25	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 09:25	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 09:25	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 09:25	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 09:25	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 09:25	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 09:25	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 09:25	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 09:25	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 09:25	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 09:25	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 09:25	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 09:25	WG1457961
Propene	ND		1.25	1	04/09/2020 09:25	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
Styrene	ND		0.313	1	04/09/2020 09:25	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 09:25	WG1457961
Toluene	ND		0.125	1	04/09/2020 09:25	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 09:25	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 09:25	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 09:25	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 09:25	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 09:25	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 09:25	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 09:25	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 09:25	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 09:25	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 09:25*	WG1457961
(S) 4-Bromofluorobenzene	*89.1*		*67.0-138*		*04/09/2020 09:25*	WG1457961
(S) 1,2-Dichloroethane-d4	*72.6*		*70.0-130*		*04/09/2020 09:25*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 14:30	WG1459075
PCB 1221	ND		0.0340	1	04/11/2020 14:30	WG1459075
PCB 1232	ND		0.0340	1	04/11/2020 14:30	WG1459075
PCB 1242	ND		0.0340	1	04/11/2020 14:30	WG1459075
PCB 1248	ND		0.0170	1	04/11/2020 14:30	WG1459075
PCB 1254	ND		0.0170	1	04/11/2020 14:30	WG1459075
PCB 1260	ND		0.0170	1	04/11/2020 14:30	WG1459075
(S) Decachlorobiphenyl	*93.3*		*10.0-135*		*04/11/2020 14:30*	WG1459075
(S) Tetrachloro-m-xylene	*79.6*		*10.0-139*		*04/11/2020 14:30*	WG1459075

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 16:49	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 16:49	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 16:49	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 16:49	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 16:49	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 16:49	WG1459072
(S) p-Terphenyl-d14	*85.8*		*23.0-120*		*04/11/2020 16:49*	WG1459072
(S) Nitrobenzene-d5	*97.5*		*14.0-149*		*04/11/2020 16:49*	WG1459072
(S) 2-Fluorobiphenyl	*86.7*		*34.0-125*		*04/11/2020 16:49*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:23	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.50		2.00	1	04/11/2020 11:22	WG1458568
Barium	46.5		0.500	1	04/11/2020 11:22	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:22	WG1458568
Chromium	3.64		1.00	1	04/11/2020 11:22	WG1458568
Lead	4.15		0.500	1	04/11/2020 11:22	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:22	WG1458568
Silver	ND		1.00	1	04/11/2020 11:22	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 09:44	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 09:44	WG1457961
Benzene	ND		0.0250	1	04/09/2020 09:44	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 09:44	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
Bromoform	ND		0.625	1	04/09/2020 09:44	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 09:44	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 09:44	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 09:44	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 09:44	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 09:44	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 09:44	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 09:44	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 09:44	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 09:44	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 09:44	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 09:44	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 09:44	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 09:44	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 09:44	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 09:44	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 09:44	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 09:44	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 09:44	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 09:44	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 09:44	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 09:44	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 09:44	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 09:44	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 09:44	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 09:44	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 09:44	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 09:44	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 09:44	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 09:44	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 09:44	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 09:44	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 09:44	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 09:44	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 09:44	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 09:44	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 09:44	WG1457961
Propene	ND		1.25	1	04/09/2020 09:44	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
Styrene	ND		0.313	1	04/09/2020 09:44	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 09:44	WG1457961
Toluene	ND		0.125	1	04/09/2020 09:44	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 09:44	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 09:44	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 09:44	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 09:44	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 09:44	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 09:44	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 09:44	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 09:44	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 09:44	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 09:44*	WG1457961
(S) 4-Bromofluorobenzene	*90.6*		*67.0-138*		*04/09/2020 09:44*	WG1457961
(S) 1,2-Dichloroethane-d4	*73.6*		*70.0-130*		*04/09/2020 09:44*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/11/2020 14:44	WG1459075
PCB 1221	ND		0.0340	1	04/11/2020 14:44	WG1459075
PCB 1232	ND		0.0340	1	04/11/2020 14:44	WG1459075
PCB 1242	ND		0.0340	1	04/11/2020 14:44	WG1459075
PCB 1248	ND		0.0170	1	04/11/2020 14:44	WG1459075
PCB 1254	ND		0.0170	1	04/11/2020 14:44	WG1459075
PCB 1260	ND		0.0170	1	04/11/2020 14:44	WG1459075
(S) Decachlorobiphenyl	*99.5*		*10.0-135*		*04/11/2020 14:44*	WG1459075
(S) Tetrachloro-m-xylene	*83.3*		*10.0-139*		*04/11/2020 14:44*	WG1459075

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 17:10	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 17:10	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 17:10	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:10	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:10	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 17:10	WG1459072
(S) p-Terphenyl-d14	*84.0*		*23.0-120*		*04/11/2020 17:10*	WG1459072
(S) Nitrobenzene-d5	*95.7*		*14.0-149*		*04/11/2020 17:10*	WG1459072
(S) 2-Fluorobiphenyl	*85.0*		*34.0-125*		*04/11/2020 17:10*	WG1459072

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/10/2020 07:44	WG1458122

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/10/2020 09:55	WG1457863
Barium	ND		0.00500	1	04/10/2020 09:55	WG1457863
Cadmium	ND		0.00200	1	04/10/2020 09:55	WG1457863
Chromium	ND		0.0100	1	04/10/2020 09:55	WG1457863
Lead	ND		0.00600	1	04/10/2020 09:55	WG1457863
Selenium	ND		0.0100	1	04/10/2020 09:55	WG1457863
Silver	ND		0.00500	1	04/10/2020 09:55	WG1457863

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/09/2020 11:00	WG1458006
Acrolein	ND	L1	0.0500	1	04/09/2020 11:00	WG1458006
Acrylonitrile	ND		0.0100	1	04/09/2020 11:00	WG1458006
Benzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Bromobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Bromodichloromethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Bromoform	ND		0.00100	1	04/09/2020 11:00	WG1458006
Bromomethane	ND		0.00500	1	04/09/2020 11:00	WG1458006
1,3-Butadiene	ND		0.00200	1	04/09/2020 11:00	WG1458006
n-Butylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
sec-Butylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
tert-Butylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Carbon tetrachloride	ND		0.00100	1	04/09/2020 11:00	WG1458006
Carbon disulfide	ND		0.00100	1	04/09/2020 11:00	WG1458006
Chlorobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Chlorodibromomethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Chloroethane	ND		0.00500	1	04/09/2020 11:00	WG1458006
Chloroform	ND		0.00500	1	04/09/2020 11:00	WG1458006
Chloromethane	ND		0.00250	1	04/09/2020 11:00	WG1458006
Cyclohexane	ND		0.00100	1	04/09/2020 11:00	WG1458006
2-Chlorotoluene	ND		0.00100	1	04/09/2020 11:00	WG1458006
4-Chlorotoluene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/09/2020 11:00	WG1458006
1,2-Dibromoethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Dibromomethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2-Dichlorobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,3-Dichlorobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,4-Dichlorobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Dichlorodifluoromethane	ND		0.00500	1	04/09/2020 11:00	WG1458006
1,1-Dichloroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2-Dichloroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1-Dichloroethene	ND		0.00100	1	04/09/2020 11:00	WG1458006
cis-1,2-Dichloroethene	ND		0.00100	1	04/09/2020 11:00	WG1458006
trans-1,2-Dichloroethene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2-Dichloropropane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1-Dichloropropene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,3-Dichloropropane	ND		0.00100	1	04/09/2020 11:00	WG1458006
cis-1,3-Dichloropropene	ND		0.00100	1	04/09/2020 11:00	WG1458006
trans-1,3-Dichloropropene	ND		0.00100	1	04/09/2020 11:00	WG1458006

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Dicyclopentadiene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Di-isopropyl ether	ND		0.00100	1	04/09/2020 11:00	WG1458006
Ethylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
4-Ethyltoluene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Hexachloro-1,3-butadiene	ND		0.00100	1	04/09/2020 11:00	WG1458006
n-Hexane	ND		0.0100	1	04/09/2020 11:00	WG1458006
Isopropylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
p-Isopropyltoluene	ND		0.00100	1	04/09/2020 11:00	WG1458006
2-Butanone (MEK)	ND		0.0100	1	04/09/2020 11:00	WG1458006
Methyl Cyclohexane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Methylene Chloride	ND		0.00500	1	04/09/2020 11:00	WG1458006
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/09/2020 11:00	WG1458006
Methyl tert-butyl ether	ND		0.00100	1	04/09/2020 11:00	WG1458006
Naphthalene	ND		0.00500	1	04/09/2020 11:00	WG1458006
Propene	ND		0.00250	1	04/09/2020 11:00	WG1458006
n-Propylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Styrene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Tetrachloroethene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Toluene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2,3-Trichlorobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2,4-Trichlorobenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1,1-Trichloroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,1,2-Trichloroethane	ND		0.00100	1	04/09/2020 11:00	WG1458006
Trichloroethene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Trichlorofluoromethane	ND		0.00500	1	04/09/2020 11:00	WG1458006
1,2,3-Trichloropropane	ND		0.00250	1	04/09/2020 11:00	WG1458006
1,2,4-Trimethylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,2,3-Trimethylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
1,3,5-Trimethylbenzene	ND		0.00100	1	04/09/2020 11:00	WG1458006
Vinyl chloride	ND		0.00100	1	04/09/2020 11:00	WG1458006
Xylenes, Total	ND		0.00300	1	04/09/2020 11:00	WG1458006
(S) Toluene-d8	*102*		*80.0-120*		*04/09/2020 11:00*	WG1458006
(S) 4-Bromofluorobenzene	*98.1*		*77.0-126*		*04/09/2020 11:00*	WG1458006
(S) 1,2-Dichloroethane-d4	*91.8*		*70.0-130*		*04/09/2020 11:00*	WG1458006

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00100	1	04/12/2020 16:33	WG1459250
PCB 1221	ND		0.00100	1	04/12/2020 16:33	WG1459250
PCB 1232	ND		0.00100	1	04/12/2020 16:33	WG1459250
PCB 1242	ND		0.00100	1	04/12/2020 16:33	WG1459250
PCB 1248	ND		0.000500	1	04/12/2020 16:33	WG1459250
PCB 1254	ND		0.000500	1	04/12/2020 16:33	WG1459250
PCB 1260	ND		0.000500	1	04/12/2020 16:33	WG1459250
(S) Decachlorobiphenyl	*38.1*		*10.0-128*		*04/12/2020 16:33*	WG1459250
(S) Tetrachloro-m-xylene	*79.3*		*10.0-127*		*04/12/2020 16:33*	WG1459250

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Acenaphthene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Acenaphthylene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Benzo(a)anthracene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Benzo(a)pyrene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Benzo(b)fluoranthene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Benzo(g,h,i)perylene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Benzo(k)fluoranthene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Chrysene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Dibenz(a,h)anthracene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Fluoranthene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Fluorene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Naphthalene	ND		0.000250	1	04/11/2020 13:49	WG1459125
Phenanthrene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
Pyrene	ND		0.0000500	1	04/11/2020 13:49	WG1459125
1-Methylnaphthalene	ND		0.000250	1	04/11/2020 13:49	WG1459125
2-Methylnaphthalene	ND		0.000250	1	04/11/2020 13:49	WG1459125
2-Chloronaphthalene	ND		0.000250	1	04/11/2020 13:49	WG1459125
(S) Nitrobenzene-d5	*105*		*31.0-160*		*04/11/2020 13:49*	WG1459125
(S) 2-Fluorobiphenyl	*88.9*		*48.0-148*		*04/11/2020 13:49*	WG1459125
(S) p-Terphenyl-d14	*98.4*		*37.0-146*		*04/11/2020 13:49*	WG1459125

Method Blank (MB)

(MB) R3517387-1 04/10/20 07:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3517387-2 04/10/20 07:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00283	94.3	80.0-120	

L1207073-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207073-08 04/10/20 07:24 • (MS) R3517387-3 04/10/20 07:26 • (MSD) R3517387-4 04/10/20 07:28

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	ND	0.00306	0.00293	102	97.7	1	75.0-125			4.50	20

Method Blank (MB)

(MB) R3517882-1 04/12/20 19:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3517882-2 04/12/20 19:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.494	98.7	80.0-120	

L1206794-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-02 04/12/20 19:16 • (MS) R3517882-3 04/12/20 19:19 • (MSD) R3517882-4 04/12/20 19:21

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.485	0.485	96.9	97.1	1	75.0-125			0.181	20

Method Blank (MB)

(MB) R3517881-1 04/12/20 18:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3517881-2 04/12/20 18:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.482	96.5	80.0-120	

L1207172-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207172-05 04/12/20 18:10 • (MS) R3517881-3 04/12/20 18:13 • (MSD) R3517881-4 04/12/20 18:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.606	U	0.549	0.559	90.6	92.3	1	75.0-125			1.87	20

Method Blank (MB)

(MB) R3517462-1 04/10/20 09:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3517462-2 04/10/20 09:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.940	94.0	80.0-120	
Barium	1.00	0.982	98.2	80.0-120	
Cadmium	1.00	0.947	94.7	80.0-120	
Chromium	1.00	0.959	95.9	80.0-120	
Lead	1.00	0.960	96.0	80.0-120	
Selenium	1.00	0.938	93.8	80.0-120	
Silver	0.200	0.188	94.0	80.0-120	

L1206595-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206595-13 04/10/20 09:12 • (MS) R3517462-4 04/10/20 09:17 • (MSD) R3517462-5 04/10/20 09:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00	U	0.960	0.972	96.0	97.2	1	75.0-125			1.24	20
Barium	1.00	0.0347	1.03	1.04	99.4	100	1	75.0-125			0.969	20
Cadmium	1.00	U	0.962	0.974	96.2	97.4	1	75.0-125			1.28	20
Chromium	1.00	U	0.962	0.973	96.2	97.3	1	75.0-125			1.17	20
Lead	1.00	0.00324	0.983	1.00	98.0	100	1	75.0-125			1.99	20
Selenium	1.00	U	0.969	0.981	96.9	98.1	1	75.0-125			1.20	20
Silver	0.200	U	0.190	0.191	95.0	95.3	1	75.0-125			0.338	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3517666-1 04/11/20 08:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	0.236	E4	0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517666-2 04/11/20 08:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	103	103	80.0-120	
Barium	100	111	111	80.0-120	
Cadmium	100	105	105	80.0-120	
Chromium	100	108	108	80.0-120	
Lead	100	103	103	80.0-120	
Selenium	100	106	106	80.0-120	
Silver	20.0	19.9	99.3	80.0-120	

L1206794-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-02 04/11/20 09:00 • (MS) R3517666-5 04/11/20 09:07 • (MSD) R3517666-6 04/11/20 09:10

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	5.90	101	106	95.0	100	1	75.0-125			5.23	20
Barium	100	101	222	232	121	131	1	75.0-125		M1	4.47	20
Cadmium	100	ND	97.7	102	97.4	102	1	75.0-125			4.12	20
Chromium	100	9.93	106	110	95.8	100	1	75.0-125			4.29	20
Lead	100	33.8	132	157	98.6	123	1	75.0-125			17.1	20
Selenium	100	ND	98.4	103	98.4	103	1	75.0-125			4.47	20
Silver	20.0	ND	18.4	19.5	92.1	97.7	1	75.0-125			5.83	20

Method Blank (MB)

(MB) R3517668-1 04/11/20 10:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	0.222	E4	0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517668-2 04/11/20 10:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	93.5	93.5	80.0-120	
Barium	100	100	100	80.0-120	
Cadmium	100	94.6	94.6	80.0-120	
Chromium	100	97.8	97.8	80.0-120	
Lead	100	93.8	93.8	80.0-120	
Selenium	100	96.4	96.4	80.0-120	
Silver	20.0	17.9	89.3	80.0-120	

L1206794-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-15 04/11/20 10:54 • (MS) R3517668-5 04/11/20 11:01 • (MSD) R3517668-6 04/11/20 11:04

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	2.77	96.4	91.0	93.6	88.2	1	75.0-125			5.74	20
Barium	100	37.6	145	128	108	90.6	1	75.0-125			12.4	20
Cadmium	100	ND	92.0	89.6	92.0	89.6	1	75.0-125			2.57	20
Chromium	100	4.34	98.7	96.7	94.3	92.4	1	75.0-125			1.97	20
Lead	100	6.19	102	95.0	96.0	88.8	1	75.0-125			7.24	20
Selenium	100	ND	93.6	91.5	93.6	91.5	1	75.0-125			2.25	20
Silver	20.0	ND	17.3	16.7	86.6	83.4	1	75.0-125			3.81	20

Method Blank (MB)

(MB) R3518512-3 04/09/20 04:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3518512-3 04/09/20 04:20

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518512-1 04/09/20 03:04 • (LCSD) R3518512-2 04/09/20 03:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.491	0.530	78.6	84.8	10.0-160			7.64	31
Acrylonitrile	0.625	0.550	0.688	88.0	110	45.0-153		R7	22.3	22
Benzene	0.125	0.109	0.110	87.2	88.0	70.0-123			0.913	20
Bromobenzene	0.125	0.122	0.120	97.6	96.0	73.0-121			1.65	20
Bromodichloromethane	0.125	0.135	0.139	108	111	73.0-121			2.92	20
Bromoform	0.125	0.107	0.113	85.6	90.4	64.0-132			5.45	20
Bromomethane	0.125	0.118	0.116	94.4	92.8	56.0-147			1.71	20
1,3-Butadiene	0.125	0.103	0.108	82.4	86.4	32.0-150			4.74	20
n-Butylbenzene	0.125	0.0928	0.0963	74.2	77.0	68.0-135			3.70	20
sec-Butylbenzene	0.125	0.107	0.111	85.6	88.8	74.0-130			3.67	20
tert-Butylbenzene	0.125	0.113	0.115	90.4	92.0	75.0-127			1.75	20
Carbon disulfide	0.125	0.101	0.0952	80.8	76.2	56.0-133			5.91	20
Carbon tetrachloride	0.125	0.119	0.114	95.2	91.2	66.0-128			4.29	20
Chlorobenzene	0.125	0.0985	0.105	78.8	84.0	76.0-128			6.39	20
Chlorodibromomethane	0.125	0.114	0.115	91.2	92.0	74.0-127			0.873	20
Chloroethane	0.125	0.121	0.124	96.8	99.2	61.0-134			2.45	20
Chloroform	0.125	0.118	0.122	94.4	97.6	72.0-123			3.33	20
Chloromethane	0.125	0.114	0.118	91.2	94.4	51.0-138			3.45	20
Cyclohexane	0.125	0.129	0.123	103	98.4	70.0-130			4.76	20
2-Chlorotoluene	0.125	0.100	0.101	80.0	80.8	75.0-124			0.995	20
4-Chlorotoluene	0.125	0.106	0.111	84.8	88.8	75.0-124			4.61	20
1,2-Dibromo-3-Chloropropane	0.125	0.0879	0.0974	70.3	77.9	59.0-130			10.3	20
1,2-Dibromoethane	0.125	0.109	0.113	87.2	90.4	74.0-128			3.60	20
Dibromomethane	0.125	0.136	0.140	109	112	75.0-122			2.90	20
1,2-Dichlorobenzene	0.125	0.116	0.119	92.8	95.2	76.0-124			2.55	20
1,3-Dichlorobenzene	0.125	0.104	0.107	83.2	85.6	76.0-125			2.84	20
1,4-Dichlorobenzene	0.125	0.0962	0.0987	77.0	79.0	77.0-121			2.57	20
Dichlorodifluoromethane	0.125	0.110	0.113	88.0	90.4	43.0-156			2.69	20
1,1-Dichloroethane	0.125	0.124	0.128	99.2	102	70.0-127			3.17	20
1,2-Dichloroethane	0.125	0.121	0.120	96.8	96.0	65.0-131			0.830	20
1,1-Dichloroethene	0.125	0.0998	0.103	79.8	82.4	65.0-131			3.16	20
cis-1,2-Dichloroethene	0.125	0.134	0.139	107	111	73.0-125			3.66	20
trans-1,2-Dichloroethene	0.125	0.113	0.117	90.4	93.6	71.0-125			3.48	20
1,2-Dichloropropane	0.125	0.110	0.114	88.0	91.2	74.0-125			3.57	20
1,1-Dichloropropene	0.125	0.0963	0.101	77.0	80.8	73.0-125			4.76	20
1,3-Dichloropropane	0.125	0.116	0.124	92.8	99.2	80.0-125			6.67	20
cis-1,3-Dichloropropene	0.125	0.102	0.102	81.6	81.6	76.0-127			0.000	20
trans-1,3-Dichloropropene	0.125	0.106	0.109	84.8	87.2	73.0-127			2.79	20
2,2-Dichloropropane	0.125	0.108	0.109	86.4	87.2	59.0-135			0.922	20
Dicyclopentadiene	0.125	0.101	0.105	80.8	84.0	71.0-132			3.88	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518512-1 04/09/20 03:04 • (LCSD) R3518512-2 04/09/20 03:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.123	0.123	98.4	98.4	60.0-136			0.000	20
Ethylbenzene	0.125	0.105	0.108	84.0	86.4	74.0-126			2.82	20
4-Ethyltoluene	0.125	0.120	0.125	96.0	100	71.0-129			4.08	20
Hexachloro-1,3-butadiene	0.125	0.112	0.111	89.6	88.8	57.0-150			0.897	20
n-Hexane	0.125	0.129	0.123	103	98.4	55.0-137			4.76	20
Isopropylbenzene	0.125	0.105	0.111	84.0	88.8	72.0-127			5.56	20
p-Isopropyltoluene	0.125	0.0998	0.103	79.8	82.4	72.0-133			3.16	20
2-Butanone (MEK)	0.625	0.600	0.606	96.0	97.0	30.0-160			0.995	24
Methyl Cyclohexane	0.125	0.114	0.114	91.2	91.2	67.0-129			0.000	20
Methylene Chloride	0.125	0.102	0.104	81.6	83.2	68.0-123			1.94	20
4-Methyl-2-pentanone (MIBK)	0.625	0.571	0.612	91.4	97.9	56.0-143			6.93	20
Methyl tert-butyl ether	0.125	0.142	0.137	114	110	66.0-132			3.58	20
Naphthalene	0.125	0.101	0.109	80.8	87.2	59.0-130			7.62	20
Propene	0.125	0.164	0.181	131	145	10.0-160			9.86	20
n-Propylbenzene	0.125	0.112	0.116	89.6	92.8	74.0-126			3.51	20
Styrene	0.125	0.118	0.125	94.4	100	72.0-127			5.76	20
1,1,1,2-Tetrachloroethane	0.125	0.103	0.110	82.4	88.0	74.0-129			6.57	20
1,1,2,2-Tetrachloroethane	0.125	0.122	0.124	97.6	99.2	68.0-128			1.63	20
Tetrachloroethene	0.125	0.150	0.156	120	125	70.0-136			3.92	20
Toluene	0.125	0.111	0.117	88.8	93.6	75.0-121			5.26	20
1,1,2-Trichlorotrifluoroethane	0.125	0.105	0.104	84.0	83.2	61.0-139			0.957	20
1,2,3-Trichlorobenzene	0.125	0.101	0.110	80.8	88.0	59.0-139			8.53	20
1,2,4-Trichlorobenzene	0.125	0.0969	0.107	77.5	85.6	62.0-137			9.91	20
1,1,1-Trichloroethane	0.125	0.147	0.149	118	119	69.0-126			1.35	20
1,1,2-Trichloroethane	0.125	0.0997	0.109	79.8	87.2	78.0-123			8.91	20
Trichloroethene	0.125	0.111	0.120	88.8	96.0	76.0-126			7.79	20
Trichlorofluoromethane	0.125	0.0905	0.0966	72.4	77.3	61.0-142			6.52	20
1,2,3-Trichloropropane	0.125	0.127	0.124	102	99.2	67.0-129			2.39	20
1,2,3-Trimethylbenzene	0.125	0.0997	0.105	79.8	84.0	74.0-124			5.18	20
1,2,4-Trimethylbenzene	0.125	0.125	0.129	100	103	70.0-126			3.15	20
1,3,5-Trimethylbenzene	0.125	0.118	0.120	94.4	96.0	73.0-127			1.68	20
Vinyl chloride	0.125	0.119	0.120	95.2	96.0	63.0-134			0.837	20
Xylenes, Total	0.375	0.321	0.345	85.6	92.0	72.0-127			7.21	20
(S) Toluene-d8				*99.5*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*101*	*104*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*96.8*	*96.6*	*70.0-130*				

Method Blank (MB)

(MB) R3517140-3 04/09/20 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.343	0.625
Acrylonitrile	U		0.0475	0.313
Benzene	U		0.0100	0.0250
Bromobenzene	U		0.0263	0.313
Bromodichloromethane	U		0.0197	0.0625
Bromoform	U		0.150	0.625
Bromomethane	U		0.0925	0.313
1,3-Butadiene	U		0.211	0.625
n-Butylbenzene	U		0.0960	0.313
sec-Butylbenzene	U		0.0633	0.313
tert-Butylbenzene	U		0.0388	0.125
Carbon disulfide	U		0.102	0.313
Carbon tetrachloride	U		0.0270	0.125
Chlorobenzene	U		0.0143	0.0625
Chlorodibromomethane	U		0.0113	0.0625
Chloroethane	U		0.0270	0.125
Chloroform	U		0.0104	0.0625
Chloromethane	U		0.0348	0.313
Cyclohexane	U		0.0127	0.0625
2-Chlorotoluene	U		0.0230	0.0625
4-Chlorotoluene	U		0.0283	0.125
1,2-Dibromo-3-Chloropropane	U		0.128	0.625
1,2-Dibromoethane	U		0.0131	0.0625
Dibromomethane	U		0.0250	0.125
1,2-Dichlorobenzene	U		0.0363	0.125
1,3-Dichlorobenzene	U		0.0425	0.125
1,4-Dichlorobenzene	U		0.0493	0.125
Dichlorodifluoromethane	U		0.0205	0.0625
1,1-Dichloroethane	U		0.0144	0.0625
1,2-Dichloroethane	U		0.0119	0.0625
1,1-Dichloroethene	U		0.0125	0.0625
cis-1,2-Dichloroethene	U		0.0173	0.0625
trans-1,2-Dichloroethene	U		0.0358	0.125
1,2-Dichloropropane	U		0.0318	0.125
1,1-Dichloropropene	U		0.0175	0.0625
1,3-Dichloropropane	U		0.0438	0.125
cis-1,3-Dichloropropene	U		0.0170	0.0625
trans-1,3-Dichloropropene	U		0.0383	0.125
2,2-Dichloropropane	U		0.0198	0.0625
Dicyclopentadiene	U		0.0910	0.313

Method Blank (MB)

(MB) R3517140-3 04/09/20 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.00875	0.0250
Ethylbenzene	U		0.0133	0.0625
4-Ethyltoluene	U		0.0268	0.125
Hexachloro-1,3-butadiene	U		0.318	0.625
n-Hexane	U		0.0265	0.125
Isopropylbenzene	U		0.0216	0.0625
p-Isopropyltoluene	U		0.0583	0.125
2-Butanone (MEK)	U	E4	0.313	0.625
Methyl Cyclohexane	U		0.0258	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.250	0.625
Methyl tert-butyl ether	U		0.00738	0.0250
Naphthalene	U		0.0780	0.313
Propene	U		0.523	1.25
n-Propylbenzene	U		0.0295	0.125
Styrene	U		0.0683	0.313
1,1,1,2-Tetrachloroethane	U		0.0125	0.0625
1,1,2,2-Tetrachloroethane	U		0.00975	0.0625
Tetrachloroethene	U		0.0175	0.0625
Toluene	U		0.0313	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0169	0.0625
1,2,3-Trichlorobenzene	U		0.0156	0.313
1,2,4-Trichlorobenzene	U		0.121	0.313
1,1,1-Trichloroethane	U		0.00688	0.0625
1,1,2-Trichloroethane	U		0.0221	0.0625
Trichloroethene	U		0.0100	0.0250
Trichlorofluoromethane	U		0.0125	0.0625
1,2,3-Trichloropropane	U		0.128	0.313
1,2,3-Trimethylbenzene	U		0.0288	0.125
1,2,4-Trimethylbenzene	U		0.0290	0.125
1,3,5-Trimethylbenzene	U		0.0270	0.125
Vinyl chloride	U		0.0171	0.0625
Xylenes, Total	U		0.120	0.163
(S) Toluene-d8	*118*			*75.0-131*
(S) 4-Bromofluorobenzene	*91.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*72.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517140-1 04/09/20 07:20 • (LCSD) R3517140-2 04/09/20 07:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.526	0.437	84.2	69.9	10.0-160			18.5	31
Acrylonitrile	0.625	0.601	0.563	96.2	90.1	45.0-153			6.53	22
Benzene	0.125	0.107	0.111	85.6	88.8	70.0-123			3.67	20
Bromobenzene	0.125	0.124	0.125	99.2	100	73.0-121			0.803	20
Bromodichloromethane	0.125	0.0979	0.103	78.3	82.4	73.0-121			5.08	20
Bromoform	0.125	0.117	0.118	93.6	94.4	64.0-132			0.851	20
Bromomethane	0.125	0.101	0.104	80.8	83.2	56.0-147			2.93	20
1,3-Butadiene	0.125	0.0897	0.0981	71.8	78.5	32.0-150			8.95	20
n-Butylbenzene	0.125	0.0844	0.0888	67.5	71.0	68.0-135	L2		5.08	20
sec-Butylbenzene	0.125	0.0988	0.103	79.0	82.4	74.0-130			4.16	20
tert-Butylbenzene	0.125	0.0948	0.0988	75.8	79.0	75.0-127			4.13	20
Carbon disulfide	0.125	0.0941	0.0990	75.3	79.2	56.0-133			5.08	20
Carbon tetrachloride	0.125	0.100	0.106	80.0	84.8	66.0-128			5.83	20
Chlorobenzene	0.125	0.116	0.118	92.8	94.4	76.0-128			1.71	20
Chlorodibromomethane	0.125	0.102	0.103	81.6	82.4	74.0-127			0.976	20
Chloroethane	0.125	0.109	0.116	87.2	92.8	61.0-134			6.22	20
Chloroform	0.125	0.110	0.116	88.0	92.8	72.0-123			5.31	20
Chloromethane	0.125	0.105	0.115	84.0	92.0	51.0-138			9.09	20
Cyclohexane	0.125	0.112	0.120	89.6	96.0	70.0-130			6.90	20
2-Chlorotoluene	0.125	0.102	0.108	81.6	86.4	75.0-124			5.71	20
4-Chlorotoluene	0.125	0.104	0.106	83.2	84.8	75.0-124			1.90	20
1,2-Dibromo-3-Chloropropane	0.125	0.109	0.109	87.2	87.2	59.0-130			0.000	20
1,2-Dibromoethane	0.125	0.112	0.113	89.6	90.4	74.0-128			0.889	20
Dibromomethane	0.125	0.0978	0.0999	78.2	79.9	75.0-122			2.12	20
1,2-Dichlorobenzene	0.125	0.105	0.108	84.0	86.4	76.0-124			2.82	20
1,3-Dichlorobenzene	0.125	0.111	0.114	88.8	91.2	76.0-125			2.67	20
1,4-Dichlorobenzene	0.125	0.108	0.109	86.4	87.2	77.0-121			0.922	20
Dichlorodifluoromethane	0.125	0.153	0.165	122	132	43.0-156			7.55	20
1,1-Dichloroethane	0.125	0.104	0.109	83.2	87.2	70.0-127			4.69	20
1,2-Dichloroethane	0.125	0.105	0.105	84.0	84.0	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.102	0.108	81.6	86.4	65.0-131			5.71	20
cis-1,2-Dichloroethene	0.125	0.111	0.115	88.8	92.0	73.0-125			3.54	20
trans-1,2-Dichloroethene	0.125	0.118	0.122	94.4	97.6	71.0-125			3.33	20
1,2-Dichloropropane	0.125	0.115	0.115	92.0	92.0	74.0-125			0.000	20
1,1-Dichloropropene	0.125	0.0929	0.0995	74.3	79.6	73.0-125			6.86	20
1,3-Dichloropropane	0.125	0.113	0.111	90.4	88.8	80.0-125			1.79	20
cis-1,3-Dichloropropene	0.125	0.105	0.106	84.0	84.8	76.0-127			0.948	20
trans-1,3-Dichloropropene	0.125	0.106	0.109	84.8	87.2	73.0-127			2.79	20
2,2-Dichloropropane	0.125	0.0972	0.0988	77.8	79.0	59.0-135			1.63	20
Dicyclopentadiene	0.125	0.0867	0.0922	69.4	73.8	71.0-132	L2		6.15	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517140-1 04/09/20 07:20 • (LCSD) R3517140-2 04/09/20 07:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.107	0.109	85.6	87.2	60.0-136			1.85	20
Ethylbenzene	0.125	0.118	0.121	94.4	96.8	74.0-126			2.51	20
4-Ethyltoluene	0.125	0.101	0.105	80.8	84.0	71.0-129			3.88	20
Hexachloro-1,3-butadiene	0.125	0.103	0.111	82.4	88.8	57.0-150			7.48	20
n-Hexane	0.125	0.121	0.126	96.8	101	55.0-137			4.05	20
Isopropylbenzene	0.125	0.103	0.108	82.4	86.4	72.0-127			4.74	20
p-Isopropyltoluene	0.125	0.0945	0.0977	75.6	78.2	72.0-133			3.33	20
2-Butanone (MEK)	0.625	0.539	0.504	86.2	80.6	30.0-160			6.71	24
Methyl Cyclohexane	0.125	0.0867	0.0881	69.4	70.5	67.0-129			1.60	20
Methylene Chloride	0.125	0.107	0.111	85.6	88.8	68.0-123			3.67	20
4-Methyl-2-pentanone (MIBK)	0.625	0.524	0.514	83.8	82.2	56.0-143			1.93	20
Methyl tert-butyl ether	0.125	0.112	0.110	89.6	88.0	66.0-132			1.80	20
Naphthalene	0.125	0.0998	0.103	79.8	82.4	59.0-130			3.16	20
Propene	0.125	0.125	0.138	100	110	10.0-160			9.89	20
n-Propylbenzene	0.125	0.0989	0.104	79.1	83.2	74.0-126			5.03	20
Styrene	0.125	0.108	0.110	86.4	88.0	72.0-127			1.83	20
1,1,1,2-Tetrachloroethane	0.125	0.110	0.110	88.0	88.0	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.123	0.123	98.4	98.4	68.0-128			0.000	20
Tetrachloroethene	0.125	0.129	0.132	103	106	70.0-136			2.30	20
Toluene	0.125	0.114	0.120	91.2	96.0	75.0-121			5.13	20
1,1,2-Trichlorotrifluoroethane	0.125	0.131	0.141	105	113	61.0-139			7.35	20
1,2,3-Trichlorobenzene	0.125	0.110	0.118	88.0	94.4	59.0-139			7.02	20
1,2,4-Trichlorobenzene	0.125	0.104	0.108	83.2	86.4	62.0-137			3.77	20
1,1,1-Trichloroethane	0.125	0.105	0.111	84.0	88.8	69.0-126			5.56	20
1,1,2-Trichloroethane	0.125	0.118	0.119	94.4	95.2	78.0-123			0.844	20
Trichloroethene	0.125	0.103	0.108	82.4	86.4	76.0-126			4.74	20
Trichlorofluoromethane	0.125	0.111	0.119	88.8	95.2	61.0-142			6.96	20
1,2,3-Trichloropropane	0.125	0.108	0.103	86.4	82.4	67.0-129			4.74	20
1,2,3-Trimethylbenzene	0.125	0.0889	0.0915	71.1	73.2	74.0-124	L2	L2	2.88	20
1,2,4-Trimethylbenzene	0.125	0.0931	0.0956	74.5	76.5	70.0-126			2.65	20
1,3,5-Trimethylbenzene	0.125	0.105	0.108	84.0	86.4	73.0-127			2.82	20
Vinyl chloride	0.125	0.128	0.136	102	109	63.0-134			6.06	20
Xylenes, Total	0.375	0.332	0.346	88.5	92.3	72.0-127			4.13	20
(S) Toluene-d8				*113*	*111*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.8*	*97.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*83.3*	*83.6*	*70.0-130*				

Method Blank (MB)

(MB) R3517255-4 04/09/20 09:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0100	0.0500
Acrolein	U		0.00887	0.0500
Acrylonitrile	U		0.00187	0.0100
Benzene	U		0.000331	0.00100
Bromobenzene	U		0.000352	0.00100
Bromodichloromethane	U		0.000380	0.00100
Bromoform	U		0.000469	0.00100
Bromomethane	U		0.000866	0.00500
1,3-Butadiene	U		0.000330	0.00200
n-Butylbenzene	U		0.000361	0.00100
sec-Butylbenzene	U		0.000365	0.00100
tert-Butylbenzene	U		0.000399	0.00100
Carbon disulfide	U		0.000275	0.00100
Carbon tetrachloride	U		0.000379	0.00100
Chlorobenzene	U		0.000348	0.00100
Chlorodibromomethane	U		0.000327	0.00100
Chloroethane	U		0.000453	0.00500
Chloroform	U		0.000324	0.00500
Chloromethane	U		0.000276	0.00250
Cyclohexane	U		0.000390	0.00100
2-Chlorotoluene	U		0.000375	0.00100
4-Chlorotoluene	U		0.000351	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00133	0.00500
1,2-Dibromoethane	U		0.000381	0.00100
Dibromomethane	U		0.000346	0.00100
1,2-Dichlorobenzene	U		0.000349	0.00100
1,3-Dichlorobenzene	U		0.000220	0.00100
1,4-Dichlorobenzene	U		0.000274	0.00100
Dichlorodifluoromethane	U		0.000551	0.00500
1,1-Dichloroethane	U		0.000259	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
1,1-Dichloroethene	U		0.000398	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
trans-1,2-Dichloroethene	U		0.000396	0.00100
1,2-Dichloropropane	U		0.000306	0.00100
1,1-Dichloropropene	U		0.000352	0.00100
1,3-Dichloropropane	U		0.000366	0.00100
cis-1,3-Dichloropropene	U		0.000418	0.00100
trans-1,3-Dichloropropene	U		0.000419	0.00100
2,2-Dichloropropane	U		0.000321	0.00100

Method Blank (MB)

(MB) R3517255-4 04/09/20 09:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dicyclopentadiene	U		0.000219	0.00100
Di-isopropyl ether	U		0.000320	0.00100
Ethylbenzene	U		0.000384	0.00100
4-Ethyltoluene	U		0.000172	0.00100
Hexachloro-1,3-butadiene	U		0.000256	0.00100
n-Hexane	U		0.000736	0.0100
Isopropylbenzene	U		0.000326	0.00100
p-Isopropyltoluene	U		0.000350	0.00100
2-Butanone (MEK)	U		0.00393	0.0100
Methyl Cyclohexane	U		0.000380	0.00100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
Propene	U		0.000975	0.00250
n-Propylbenzene	U		0.000349	0.00100
Styrene	U		0.000307	0.00100
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100
Tetrachloroethene	U		0.000372	0.00100
Toluene	U		0.000412	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000303	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.00100
1,1,1-Trichloroethane	U		0.000319	0.00100
1,1,2-Trichloroethane	U		0.000383	0.00100
Trichloroethene	U		0.000398	0.00100
Trichlorofluoromethane	U		0.00120	0.00500
1,2,3-Trichloropropane	U		0.000807	0.00250
1,2,3-Trimethylbenzene	U		0.000321	0.00100
1,2,4-Trimethylbenzene	U		0.000373	0.00100
1,3,5-Trimethylbenzene	U		0.000387	0.00100
Vinyl chloride	U		0.000259	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517255-1 04/09/20 07:35 • (LCSD) R3517255-2 04/09/20 07:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0246	0.0245	98.4	98.0	19.0-160			0.407	27
Acrolein	0.0250	0.0561	0.0584	224	234	10.0-160	L1	L1	4.02	26
Acrylonitrile	0.0250	0.0245	0.0244	98.0	97.6	55.0-149			0.409	20
Benzene	0.00500	0.00515	0.00516	103	103	70.0-123			0.194	20
Bromobenzene	0.00500	0.00461	0.00473	92.2	94.6	73.0-121			2.57	20
Bromodichloromethane	0.00500	0.00505	0.00505	101	101	75.0-120			0.000	20
Bromoform	0.00500	0.00523	0.00529	105	106	68.0-132			1.14	20
Bromomethane	0.00500	0.00504	0.00497	101	99.4	10.0-160			1.40	25
1,3-Butadiene	0.00500	0.00419	0.00431	83.8	86.2	45.0-147			2.82	20
n-Butylbenzene	0.00500	0.00437	0.00454	87.4	90.8	73.0-125			3.82	20
sec-Butylbenzene	0.00500	0.00456	0.00468	91.2	93.6	75.0-125			2.60	20
tert-Butylbenzene	0.00500	0.00465	0.00473	93.0	94.6	76.0-124			1.71	20
Carbon disulfide	0.00500	0.00501	0.00512	100	102	61.0-128			2.17	20
Carbon tetrachloride	0.00500	0.00486	0.00494	97.2	98.8	68.0-126			1.63	20
Chlorobenzene	0.00500	0.00506	0.00514	101	103	80.0-121			1.57	20
Chlorodibromomethane	0.00500	0.00502	0.00517	100	103	77.0-125			2.94	20
Chloroethane	0.00500	0.00463	0.00473	92.6	94.6	47.0-150			2.14	20
Chloroform	0.00500	0.00501	0.00491	100	98.2	73.0-120			2.02	20
Chloromethane	0.00500	0.00503	0.00498	101	99.6	41.0-142			0.999	20
Cyclohexane	0.00500	0.00481	0.00477	96.2	95.4	71.0-124			0.835	20
2-Chlorotoluene	0.00500	0.00468	0.00481	93.6	96.2	76.0-123			2.74	20
4-Chlorotoluene	0.00500	0.00457	0.00469	91.4	93.8	75.0-122			2.59	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00427	0.00450	85.4	90.0	58.0-134			5.25	20
1,2-Dibromoethane	0.00500	0.00518	0.00529	104	106	80.0-122			2.10	20
Dibromomethane	0.00500	0.00493	0.00505	98.6	101	80.0-120			2.40	20
1,2-Dichlorobenzene	0.00500	0.00487	0.00500	97.4	100	79.0-121			2.63	20
1,3-Dichlorobenzene	0.00500	0.00479	0.00487	95.8	97.4	79.0-120			1.66	20
1,4-Dichlorobenzene	0.00500	0.00483	0.00496	96.6	99.2	79.0-120			2.66	20
Dichlorodifluoromethane	0.00500	0.00549	0.00555	110	111	51.0-149			1.09	20
1,1-Dichloroethane	0.00500	0.00488	0.00480	97.6	96.0	70.0-126			1.65	20
1,2-Dichloroethane	0.00500	0.00462	0.00472	92.4	94.4	70.0-128			2.14	20
1,1-Dichloroethene	0.00500	0.00493	0.00493	98.6	98.6	71.0-124			0.000	20
cis-1,2-Dichloroethene	0.00500	0.00491	0.00480	98.2	96.0	73.0-120			2.27	20
trans-1,2-Dichloroethene	0.00500	0.00495	0.00494	99.0	98.8	73.0-120			0.202	20
1,2-Dichloropropane	0.00500	0.00517	0.00521	103	104	77.0-125			0.771	20
1,1-Dichloropropene	0.00500	0.00493	0.00496	98.6	99.2	74.0-126			0.607	20
1,3-Dichloropropane	0.00500	0.00503	0.00525	101	105	80.0-120			4.28	20
cis-1,3-Dichloropropene	0.00500	0.00490	0.00499	98.0	99.8	80.0-123			1.82	20
trans-1,3-Dichloropropene	0.00500	0.00459	0.00481	91.8	96.2	78.0-124			4.68	20
2,2-Dichloropropane	0.00500	0.00521	0.00500	104	100	58.0-130			4.11	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517255-1 04/09/20 07:35 • (LCSD) R3517255-2 04/09/20 07:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	0.00500	0.00434	0.00443	86.8	88.6	74.0-126			2.05	20
Di-isopropyl ether	0.00500	0.00461	0.00461	92.2	92.2	58.0-138			0.000	20
Ethylbenzene	0.00500	0.00505	0.00520	101	104	79.0-123			2.93	20
4-Ethyltoluene	0.00500	0.00458	0.00471	91.6	94.2	74.0-127			2.80	20
Hexachloro-1,3-butadiene	0.00500	0.00450	0.00476	90.0	95.2	54.0-138			5.62	20
n-Hexane	0.00500	0.00467	0.00482	93.4	96.4	57.0-133			3.16	20
Isopropylbenzene	0.00500	0.00501	0.00517	100	103	76.0-127			3.14	20
p-Isopropyltoluene	0.00500	0.00467	0.00476	93.4	95.2	76.0-125			1.91	20
2-Butanone (MEK)	0.0250	0.0242	0.0243	96.8	97.2	44.0-160			0.412	20
Methyl Cyclohexane	0.00500	0.00478	0.00469	95.6	93.8	68.0-126			1.90	20
Methylene Chloride	0.00500	0.00509	0.00510	102	102	67.0-120			0.196	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0237	0.0242	94.8	96.8	68.0-142			2.09	20
Methyl tert-butyl ether	0.00500	0.00516	0.00525	103	105	68.0-125			1.73	20
Naphthalene	0.00500	0.00367	0.00393	73.4	78.6	54.0-135			6.84	20
Propene	0.00500	0.00341	0.00302	68.2	60.4	10.0-160			12.1	20
n-Propylbenzene	0.00500	0.00453	0.00465	90.6	93.0	77.0-124			2.61	20
Styrene	0.00500	0.00529	0.00531	106	106	73.0-130			0.377	20
1,1,1,2-Tetrachloroethane	0.00500	0.00522	0.00520	104	104	75.0-125			0.384	20
1,1,2,2-Tetrachloroethane	0.00500	0.00460	0.00465	92.0	93.0	65.0-130			1.08	20
Tetrachloroethene	0.00500	0.00544	0.00567	109	113	72.0-132			4.14	20
Toluene	0.00500	0.00501	0.00516	100	103	79.0-120			2.95	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00509	0.00486	102	97.2	69.0-132			4.62	20
1,2,3-Trichlorobenzene	0.00500	0.00434	0.00465	86.8	93.0	50.0-138			6.90	20
1,2,4-Trichlorobenzene	0.00500	0.00454	0.00481	90.8	96.2	57.0-137			5.78	20
1,1,1-Trichloroethane	0.00500	0.00494	0.00502	98.8	100	73.0-124			1.61	20
1,1,2-Trichloroethane	0.00500	0.00529	0.00539	106	108	80.0-120			1.87	20
Trichloroethene	0.00500	0.00509	0.00515	102	103	78.0-124			1.17	20
Trichlorofluoromethane	0.00500	0.00535	0.00525	107	105	59.0-147			1.89	20
1,2,3-Trichloropropane	0.00500	0.00478	0.00491	95.6	98.2	73.0-130			2.68	20
1,2,3-Trimethylbenzene	0.00500	0.00479	0.00494	95.8	98.8	77.0-120			3.08	20
1,2,4-Trimethylbenzene	0.00500	0.00459	0.00478	91.8	95.6	76.0-121			4.06	20
1,3,5-Trimethylbenzene	0.00500	0.00457	0.00475	91.4	95.0	76.0-122			3.86	20
Vinyl chloride	0.00500	0.00487	0.00469	97.4	93.8	67.0-131			3.77	20
Xylenes, Total	0.0150	0.0158	0.0161	105	107	79.0-123			1.88	20
(S) Toluene-d8				*101*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.9*	*96.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*95.0*	*94.0*	*70.0-130*				

L1206274-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206274-04 04/09/20 12:26 • (MS) R3517255-5 04/09/20 19:33 • (MSD) R3517255-6 04/09/20 19:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0141	0.0183	0.0216	16.8	30.0	1	10.0-160			16.5	35
Acrolein	0.0250	U	0.0248	0.0246	99.2	98.4	1	10.0-160			0.810	39
Acrylonitrile	0.0250	U	0.0134	0.0145	53.6	58.0	1	21.0-160			7.89	32
Benzene	0.00500	U	0.00327	0.00319	65.4	63.8	1	17.0-158			2.48	27
Bromobenzene	0.00500	U	0.00236	0.00236	47.2	47.2	1	30.0-149			0.000	28
Bromodichloromethane	0.00500	U	0.00308	0.00321	61.6	64.2	1	31.0-150			4.13	27
Bromoform	0.00500	U	0.00306	0.00304	61.2	60.8	1	29.0-150			0.656	29
Bromomethane	0.00500	U	0.00346	0.00337	69.2	67.4	1	10.0-160			2.64	38
n-Butylbenzene	0.00500	U	0.00146	0.00163	29.2	32.6	1	31.0-150	M2		11.0	30
sec-Butylbenzene	0.00500	U	0.00172	0.00179	34.4	35.8	1	33.0-155			3.99	29
tert-Butylbenzene	0.00500	U	0.00187	0.00197	37.4	39.4	1	34.0-153			5.21	28
Carbon disulfide	0.00500	U	0.00325	0.00327	65.0	65.4	1	10.0-156			0.613	28
Carbon tetrachloride	0.00500	U	0.00280	0.00284	56.0	56.8	1	23.0-159			1.42	28
Chlorobenzene	0.00500	U	0.00285	0.00291	57.0	58.2	1	33.0-152			2.08	27
Chlorodibromomethane	0.00500	U	0.00307	0.00307	61.4	61.4	1	37.0-149			0.000	27
Chloroethane	0.00500	U	0.00324	0.00304	64.8	60.8	1	10.0-160			6.37	30
Chloroform	0.00500	U	0.00302	0.00308	60.4	61.6	1	29.0-154			1.97	28
Chloromethane	0.00500	U	0.00360	0.00346	72.0	69.2	1	10.0-160			3.97	29
2-Chlorotoluene	0.00500	U	0.00212	0.00221	42.4	44.2	1	32.0-153			4.16	28
4-Chlorotoluene	0.00500	U	0.00211	0.00219	42.2	43.8	1	32.0-150			3.72	28
1,2-Dibromo-3-Chloropropane	0.00500	U	0.00184	0.00186	36.8	37.2	1	22.0-151			1.08	34
Cyclohexane	0.00500	U	0.00245	0.00248	49.0	49.6	1	19.0-160			1.22	23
Dibromomethane	0.00500	U	0.00316	0.00311	63.2	62.2	1	30.0-151			1.59	27
1,2-Dichlorobenzene	0.00500	U	0.00219	0.00220	43.8	44.0	1	34.0-149			0.456	28
1,2-Dibromoethane	0.00500	U	0.00311	0.00313	62.2	62.6	1	34.0-147			0.641	27
1,3-Dichlorobenzene	0.00500	U	0.00209	0.00224	41.8	44.8	1	36.0-146			6.93	27
1,4-Dichlorobenzene	0.00500	U	0.00209	0.00223	41.8	44.6	1	35.0-142			6.48	27
Dichlorodifluoromethane	0.00500	U	0.00351	0.00368	70.2	73.6	1	10.0-160			4.73	29
1,1-Dichloroethane	0.00500	U	0.00308	0.00307	61.6	61.4	1	25.0-158			0.325	27
1,2-Dichloroethane	0.00500	U	0.00298	0.00303	59.6	60.6	1	29.0-151			1.66	27
1,3-Butadiene	0.00500	U	0.00299	0.00307	59.8	61.4	1	10.0-160			2.64	22
1,1-Dichloroethene	0.00500	U	0.00324	0.00317	64.8	63.4	1	11.0-160			2.18	29
cis-1,2-Dichloroethene	0.00500	U	0.00309	0.00315	61.8	63.0	1	10.0-160			1.92	27
trans-1,2-Dichloroethene	0.00500	U	0.00314	0.00317	62.8	63.4	1	17.0-153			0.951	27
1,2-Dichloropropane	0.00500	U	0.00308	0.00323	61.6	64.6	1	30.0-156			4.75	27
1,1-Dichloropropene	0.00500	U	0.00290	0.00305	58.0	61.0	1	25.0-158			5.04	27
1,3-Dichloropropane	0.00500	U	0.00309	0.00304	61.8	60.8	1	38.0-147			1.63	27
cis-1,3-Dichloropropene	0.00500	U	0.00302	0.00305	60.4	61.0	1	34.0-149			0.988	28
trans-1,3-Dichloropropene	0.00500	U	0.00285	0.00281	57.0	56.2	1	32.0-149			1.41	28
2,2-Dichloropropane	0.00500	U	0.00300	0.00306	60.0	61.2	1	24.0-152			1.98	29

L1206274-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206274-04 04/09/20 12:26 • (MS) R3517255-5 04/09/20 19:33 • (MSD) R3517255-6 04/09/20 19:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.00500	U	0.00257	0.00265	51.4	53.0	1	21.0-160			3.07	28
Ethylbenzene	0.00500	U	0.00272	0.00280	54.4	56.0	1	30.0-155			2.90	27
Hexachloro-1,3-butadiene	0.00500	U	0.000805	0.00136	16.1	27.2	1	20.0-154	M2	R5	51.3	34
Isopropylbenzene	0.00500	U	0.00240	0.00249	48.0	49.8	1	28.0-157			3.68	27
p-Isopropyltoluene	0.00500	U	0.00165	0.00181	33.0	36.2	1	30.0-154			9.25	29
2-Butanone (MEK)	0.0250	U	0.0156	0.0167	62.4	66.8	1	10.0-160			6.81	32
Methylene Chloride	0.00500	U	0.00326	0.00317	65.2	63.4	1	23.0-144			2.80	28
Methyl Cyclohexane	0.00500	U	0.00251	0.00235	50.2	47.0	1	11.0-160			6.58	24
4-Methyl-2-pentanone (MIBK)	0.0250	U	0.0155	0.0162	62.0	64.8	1	29.0-160			4.42	29
Methyl tert-butyl ether	0.00500	U	0.00284	0.00294	56.8	58.8	1	28.0-150			3.46	29
Naphthalene	0.00500	U	0.00101	0.00150	20.2	30.0	1	12.0-156		R5	39.0	35
n-Propylbenzene	0.00500	U	0.00194	0.00205	38.8	41.0	1	31.0-154			5.51	28
Styrene	0.00500	U	0.00258	0.00266	51.6	53.2	1	33.0-155			3.05	28
1,1,1,2-Tetrachloroethane	0.00500	U	0.00285	0.00285	57.0	57.0	1	36.0-151			0.000	29
1,1,2,2-Tetrachloroethane	0.00500	U	0.00237	0.00228	47.4	45.6	1	33.0-150			3.87	28
Dicyclopentadiene	0.00500	U	0.00173	0.00180	34.6	36.0	1	51.0-139	M2	M2	3.97	20
Tetrachloroethene	0.00500	U	0.00268	0.00292	53.6	58.4	1	10.0-160			8.57	27
Toluene	0.00500	U	0.00314	0.00322	62.8	64.4	1	26.0-154			2.52	28
1,1,2-Trichlorotrifluoroethane	0.00500	U	0.00257	0.00278	51.4	55.6	1	23.0-160			7.85	30
1,2,3-Trichlorobenzene	0.00500	U	0.000894	0.00146	17.9	29.2	1	17.0-150		R5	48.1	36
4-Ethyltoluene	0.00500	U	0.00185	0.00199	37.0	39.8	1	10.0-160			7.29	20
1,2,4-Trichlorobenzene	0.00500	U	0.00124	0.00167	24.8	33.4	1	24.0-150			29.6	33
1,1,1-Trichloroethane	0.00500	U	0.00290	0.00296	58.0	59.2	1	23.0-160			2.05	28
1,1,2-Trichloroethane	0.00500	U	0.00309	0.00312	61.8	62.4	1	35.0-147			0.966	27
n-Hexane	0.00500	U	0.00191	0.00225	38.2	45.0	1	10.0-153			16.3	28
Trichloroethene	0.00500	U	0.00309	0.00320	61.8	64.0	1	10.0-160			3.50	25
1,2,3-Trichloropropane	0.00500	U	0.00237	0.00239	47.4	47.8	1	34.0-151			0.840	29
Trichlorofluoromethane	0.00500	U	0.00331	0.00343	66.2	68.6	1	17.0-160			3.56	31
1,2,3-Trimethylbenzene	0.00500	U	0.00206	0.00211	41.2	42.2	1	32.0-149			2.40	28
1,2,4-Trimethylbenzene	0.00500	U	0.00187	0.00203	37.4	40.6	1	26.0-154			8.21	27
1,3,5-Trimethylbenzene	0.00500	U	0.00192	0.00197	38.4	39.4	1	28.0-153			2.57	27
Vinyl chloride	0.00500	U	0.00349	0.00339	69.8	67.8	1	10.0-160			2.91	27
Xylenes, Total	0.0150	U	0.00817	0.00850	54.5	56.7	1	29.0-154			3.96	28
Propene	0.00500	U	0.00335	0.00318	67.0	63.6	1	10.0-160			5.21	29
(S) Toluene-d8					*98.2*	*98.7*		*80.0-120*				
(S) 4-Bromofluorobenzene					*98.6*	*96.8*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*96.7*	*95.9*		*70.0-130*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3518106-2 04/13/20 13:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*90.1*			*10.0-135*
(S) Tetrachloro-m-xylene	*91.1*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3518106-1 04/13/20 12:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.201	120	37.0-145	
PCB 1016	0.167	0.216	129	36.0-141	
(S) Decachlorobiphenyl			*123*	*10.0-135*	
(S) Tetrachloro-m-xylene			*119*	*10.0-139*	

L1207476-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207476-01 04/13/20 15:24 • (MS) R3518106-3 04/13/20 14:21 • (MSD) R3518106-4 04/13/20 14:34

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.207	ND	0.972	1.26	471	611	1	10.0-160	M1	M1	25.9	38
PCB 1016	0.207	ND	4.29	5.30	2080	2570	1	10.0-160	M1	M1	21.1	37
(S) Decachlorobiphenyl					*105*	*94.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*108*	*89.8*		*10.0-139*				

Method Blank (MB)

(MB) R3517794-1 04/11/20 08:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*95.9*		*10.0-135*	
(S) Tetrachloro-m-xylene	*94.9*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3517794-2 04/11/20 08:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.162	97.0	37.0-145	
PCB 1016	0.167	0.172	103	36.0-141	
(S) Decachlorobiphenyl			*98.5*	*10.0-135*	
(S) Tetrachloro-m-xylene			*96.8*	*10.0-139*	

L1207025-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207025-04 04/11/20 12:45 • (MS) R3517794-3 04/11/20 12:57 • (MSD) R3517794-4 04/11/20 13:10

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.207	U	0.148	0.158	71.3	76.0	1	10.0-160			6.50	38
PCB 1016	0.207	U	0.164	0.180	79.0	86.8	1	10.0-160			9.39	37
(S) Decachlorobiphenyl					*69.4*	*73.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*78.2*	*81.8*		*10.0-139*				

Method Blank (MB)

(MB) R3517853-1 04/11/20 14:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*98.5*		*10.0-135*	
(S) Tetrachloro-m-xylene	*83.3*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3517853-2 04/11/20 14:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.194	116	37.0-145	
PCB 1016	0.167	0.166	99.4	36.0-141	
(S) Decachlorobiphenyl			*101*	*10.0-135*	
(S) Tetrachloro-m-xylene			*84.4*	*10.0-139*	

L1207025-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207025-07 04/11/20 15:54 • (MS) R3517853-3 04/11/20 16:08 • (MSD) R3517853-4 04/11/20 16:22

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.176	U	0.183	0.199	104	113	1	10.0-160			8.31	38
PCB 1016	0.176	U	0.178	0.185	101	105	1	10.0-160			4.08	37
(S) Decachlorobiphenyl					*90.5*	*97.0*		*10.0-135*				
(S) Tetrachloro-m-xylene					*83.9*	*93.4*		*10.0-139*				

Method Blank (MB)

(MB) R3518857-1 04/14/20 16:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*120*		*10.0-135*	
(S) Tetrachloro-m-xylene	*102*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3518857-2 04/14/20 16:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.252	151	37.0-145	L1
PCB 1016	0.167	0.195	117	36.0-141	
(S) Decachlorobiphenyl			*140*	*10.0-135*	S10
(S) Tetrachloro-m-xylene			*100*	*10.0-139*	

L1207121-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207121-09 04/14/20 16:42 • (MS) R3518857-3 04/14/20 16:56 • (MSD) R3518857-4 04/14/20 17:10

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.206	U	0.251	0.251	122	122	1	10.0-160			0.000	38
PCB 1016	0.206	U	0.214	0.216	104	105	1	10.0-160			1.15	37
(S) Decachlorobiphenyl					*136*	*137*		*10.0-135*	S10	S10		
(S) Tetrachloro-m-xylene					*96.2*	*97.7*		*10.0-139*				

Method Blank (MB)

(MB) R3517818-1 04/12/20 13:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*96.4*		*10.0-128*	
(S) Tetrachloro-m-xylene	*88.4*		*10.0-127*	

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517818-2 04/12/20 13:43 • (LCSD) R3517818-3 04/12/20 13:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.00250	0.00213	0.00269	85.2	108	42.0-131			23.2	25
PCB 1016	0.00250	0.00240	0.00257	96.0	103	36.0-135			6.84	29
(S) Decachlorobiphenyl				*75.5*	*98.0*	*10.0-128*				
(S) Tetrachloro-m-xylene				*85.9*	*92.0*	*10.0-127*				

Method Blank (MB)

(MB) R3517839-2 04/11/20 13:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*102*			*14.0-149*
(S) 2-Fluorobiphenyl	*78.5*			*34.0-125*
(S) p-Terphenyl-d14	*84.9*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3517839-1 04/11/20 13:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0603	75.4	50.0-126	
Acenaphthene	0.0800	0.0603	75.4	50.0-120	
Acenaphthylene	0.0800	0.0632	79.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0580	72.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0596	74.5	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0586	73.3	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0591	73.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0584	73.0	49.0-125	
Chrysene	0.0800	0.0587	73.4	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0600	75.0	47.0-125	
Fluoranthene	0.0800	0.0694	86.8	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3517839-1 04/11/20 13:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0603	75.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0605	75.6	46.0-125	
Naphthalene	0.0800	0.0582	72.8	50.0-120	
Phenanthrene	0.0800	0.0556	69.5	47.0-120	
Pyrene	0.0800	0.0574	71.8	43.0-123	
1-Methylnaphthalene	0.0800	0.0617	77.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0597	74.6	50.0-120	
2-Chloronaphthalene	0.0800	0.0562	70.3	50.0-120	
(S) Nitrobenzene-d5			*109*	*14.0-149*	
(S) 2-Fluorobiphenyl			*82.7*	*34.0-125*	
(S) p-Terphenyl-d14			*88.2*	*23.0-120*	

L1206794-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-01 04/11/20 20:37 • (MS) R3517839-3 04/11/20 20:59 • (MSD) R3517839-4 04/11/20 21:21

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.00682	0.0631	0.0669	70.4	75.1	1	10.0-145			5.85	30
Acenaphthene	0.0800	ND	0.0585	0.0572	73.1	71.5	1	14.0-127			2.25	27
Acenaphthylene	0.0800	ND	0.0602	0.0588	75.3	73.5	1	21.0-124			2.35	25
Benzo(a)anthracene	0.0800	0.0247	0.0839	0.138	74.0	142	1	10.0-139		M1 R5	48.8	30
Benzo(a)pyrene	0.0800	0.0248	0.0798	0.120	68.8	119	1	10.0-141		R5	40.2	31
Benzo(b)fluoranthene	0.0800	0.0503	0.0987	0.177	60.5	158	1	10.0-140		M1 R5	56.8	36
Benzo(g,h,i)perylene	0.0800	0.0259	0.0828	0.106	71.1	100	1	10.0-140			24.6	33
Benzo(k)fluoranthene	0.0800	0.0163	0.0683	0.0915	65.0	94.0	1	10.0-137			29.0	31
Chrysene	0.0800	0.0227	0.0867	0.152	80.0	162	1	10.0-145		M1 R5	54.7	30
Dibenz(a,h)anthracene	0.0800	0.00665	0.0632	0.0702	70.7	79.4	1	10.0-132			10.5	31
Fluoranthene	0.0800	0.0399	0.109	0.164	86.4	155	1	10.0-153		M1 R5	40.3	33
Fluorene	0.0800	ND	0.0572	0.0565	71.5	70.6	1	11.0-130			1.23	29
Indeno(1,2,3-cd)pyrene	0.0800	0.0198	0.0781	0.102	72.9	103	1	10.0-137			26.5	32
Naphthalene	0.0800	ND	0.0667	0.0717	83.4	89.6	1	10.0-135			7.23	27
Phenanthrene	0.0800	0.0155	0.0681	0.0694	65.8	67.4	1	10.0-144			1.89	31
Pyrene	0.0800	0.0366	0.0941	0.139	71.9	128	1	10.0-148		R5	38.5	35
1-Methylnaphthalene	0.0800	ND	0.0673	0.0701	84.1	87.6	1	10.0-142			4.08	28
2-Methylnaphthalene	0.0800	ND	0.0675	0.0714	84.4	89.3	1	10.0-137			5.62	28
2-Chloronaphthalene	0.0800	ND	0.0543	0.0527	67.9	65.9	1	29.0-120			2.99	24
(S) Nitrobenzene-d5					*105*	*102*		*14.0-149*				
(S) 2-Fluorobiphenyl					*77.3*	*74.9*		*34.0-125*				
(S) p-Terphenyl-d14					*86.3*	*85.4*		*23.0-120*				

Method Blank (MB)

(MB) R3517776-2 04/11/20 12:41

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*95.4*			*14.0-149*
(S) 2-Fluorobiphenyl	*85.1*			*34.0-125*
(S) p-Terphenyl-d14	*84.5*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3517776-1 04/11/20 12:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0655	81.9	50.0-126	
Acenaphthene	0.0800	0.0653	81.6	50.0-120	
Acenaphthylene	0.0800	0.0749	93.6	50.0-120	
Benzo(a)anthracene	0.0800	0.0686	85.8	45.0-120	
Benzo(a)pyrene	0.0800	0.0618	77.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0585	73.1	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0629	78.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0628	78.5	49.0-125	
Chrysene	0.0800	0.0629	78.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0665	83.1	47.0-125	
Fluoranthene	0.0800	0.0629	78.6	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3517776-1 04/11/20 12:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0663	82.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0654	81.8	46.0-125	
Naphthalene	0.0800	0.0586	73.3	50.0-120	
Phenanthrene	0.0800	0.0623	77.9	47.0-120	
Pyrene	0.0800	0.0612	76.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0622	77.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0584	73.0	50.0-120	
2-Chloronaphthalene	0.0800	0.0661	82.6	50.0-120	
(S) Nitrobenzene-d5			*102*	*14.0-149*	
(S) 2-Fluorobiphenyl			*90.8*	*34.0-125*	
(S) p-Terphenyl-d14			*89.4*	*23.0-120*	

L1206794-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-14 04/11/20 14:25 • (MS) R3517776-3 04/11/20 14:45 • (MSD) R3517776-4 04/11/20 15:06

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0650	0.0668	81.3	83.5	1	10.0-145			2.73	30
Acenaphthene	0.0800	ND	0.0649	0.0666	81.1	83.3	1	14.0-127			2.59	27
Acenaphthylene	0.0800	ND	0.0739	0.0766	92.4	95.8	1	21.0-124			3.59	25
Benzo(a)anthracene	0.0800	ND	0.0679	0.0694	84.9	86.8	1	10.0-139			2.18	30
Benzo(a)pyrene	0.0800	ND	0.0628	0.0644	78.5	80.5	1	10.0-141			2.52	31
Benzo(b)fluoranthene	0.0800	ND	0.0596	0.0611	74.5	76.4	1	10.0-140			2.49	36
Benzo(g,h,i)perylene	0.0800	ND	0.0625	0.0639	78.1	79.9	1	10.0-140			2.22	33
Benzo(k)fluoranthene	0.0800	ND	0.0615	0.0632	76.9	79.0	1	10.0-137			2.73	31
Chrysene	0.0800	ND	0.0619	0.0635	77.4	79.4	1	10.0-145			2.55	30
Dibenz(a,h)anthracene	0.0800	ND	0.0665	0.0682	83.1	85.3	1	10.0-132			2.52	31
Fluoranthene	0.0800	ND	0.0629	0.0646	78.6	80.7	1	10.0-153			2.67	33
Fluorene	0.0800	ND	0.0654	0.0675	81.8	84.4	1	11.0-130			3.16	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0652	0.0670	81.5	83.8	1	10.0-137			2.72	32
Naphthalene	0.0800	ND	0.0576	0.0599	72.0	74.9	1	10.0-135			3.91	27
Phenanthrene	0.0800	ND	0.0610	0.0633	76.3	79.1	1	10.0-144			3.70	31
Pyrene	0.0800	ND	0.0602	0.0614	75.3	76.8	1	10.0-148			1.97	35
1-Methylnaphthalene	0.0800	ND	0.0609	0.0631	76.1	78.9	1	10.0-142			3.55	28
2-Methylnaphthalene	0.0800	ND	0.0574	0.0595	71.8	74.4	1	10.0-137			3.59	28
2-Chloronaphthalene	0.0800	ND	0.0650	0.0677	81.3	84.6	1	29.0-120			4.07	24
(S) Nitrobenzene-d5					*98.2*	*101*		*14.0-149*				
(S) 2-Fluorobiphenyl					*87.4*	*88.8*		*34.0-125*				
(S) p-Terphenyl-d14					*86.7*	*88.4*		*23.0-120*				

Method Blank (MB)

(MB) R3517791-3 04/11/20 13:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	0.0000236	E4	0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*117*			*31.0-160*
(S) 2-Fluorobiphenyl	*95.5*			*48.0-148*
(S) p-Terphenyl-d14	*109*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517791-1 04/11/20 12:40 • (LCSD) R3517791-2 04/11/20 13:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00245	0.00245	122	122	67.0-150			0.000	20
Acenaphthene	0.00200	0.00187	0.00194	93.5	97.0	65.0-138			3.67	20
Acenaphthylene	0.00200	0.00203	0.00210	102	105	66.0-140			3.39	20
Benzo(a)anthracene	0.00200	0.00215	0.00222	108	111	61.0-140			3.20	20
Benzo(a)pyrene	0.00200	0.00205	0.00203	102	102	60.0-143			0.980	20
Benzo(b)fluoranthene	0.00200	0.00202	0.00201	101	100	58.0-141			0.496	20
Benzo(g,h,i)perylene	0.00200	0.00213	0.00213	106	106	52.0-153			0.000	20
Benzo(k)fluoranthene	0.00200	0.00200	0.00198	100	99.0	58.0-148			1.01	20
Chrysene	0.00200	0.00217	0.00223	108	111	64.0-144			2.73	20
Dibenz(a,h)anthracene	0.00200	0.00209	0.00208	105	104	52.0-155			0.480	20
Fluoranthene	0.00200	0.00213	0.00214	106	107	69.0-153			0.468	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517791-1 04/11/20 12:40 • (LCSD) R3517791-2 04/11/20 13:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00194	0.00201	97.0	100	64.0-136			3.54	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00212	0.00211	106	105	54.0-153			0.473	20
Naphthalene	0.00200	0.00190	0.00192	95.0	96.0	61.0-137			1.05	20
Phenanthrene	0.00200	0.00210	0.00209	105	105	62.0-137			0.477	20
Pyrene	0.00200	0.00195	0.00204	97.5	102	60.0-142			4.51	20
1-Methylnaphthalene	0.00200	0.00208	0.00212	104	106	66.0-142			1.90	20
2-Methylnaphthalene	0.00200	0.00196	0.00200	98.0	100	62.0-136			2.02	20
2-Chloronaphthalene	0.00200	0.00166	0.00175	83.0	87.5	64.0-140			5.28	20
(S) Nitrobenzene-d5				*99.5*	*94.5*	*31.0-160*				
(S) 2-Fluorobiphenyl				*77.5*	*77.5*	*48.0-148*				
(S) p-Terphenyl-d14				*87.0*	*87.0*	*37.0-146*				

Instrument: VOCMS36 • File ID: 0409_23

04/09/20 07:35

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_23	453706	195863	210995
Upper Limit		907412	391726	421990
Lower Limit		226853	97932	105498
L1206794-24 WG1458006 1x	0409_31	454711	190099	200546

Instrument: VOCMS36 • File ID: 0409_23-1

04/09/20 07:35

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_23-1	453706	195863	210995
Upper Limit		907412	391726	421990
Lower Limit		226853	97932	105498
MS R3517255-5 WG1458006 1x	0409_53	402590	176141	201732
MSD R3517255-6 WG1458006 1x	0409_54	406865	179128	207382

Instrument: VOCMS36 • File ID: 0409_23-2

04/09/20 07:35

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_23-2	453706	195863	210995
Upper Limit		907412	391726	421990
Lower Limit		226853	97932	105498
LCS R3517255-1 WG1458006 1x	0409_23LCS	453706	195863	210995
LCSD R3517255-2 WG1458006 1x	0409_24	453211	192144	205652
BLANK R3517255-4 WG1458006 1x	0409_29	454211	186031	202078

Instrument: VOCMS53 • File ID: 0409_02

04/09/20 07:20

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_02	973363	403691.30	504817.30
Upper Limit		1946726	807383	1009635
Lower Limit		486682	201846	252409
LCS R3517140-1 WG1457961 1x	0409_02LCS	973363	403691.30	504817.30
LCSD R3517140-2 WG1457961 1x	0409_03	971949.50	403051.50	507888.80
BLANK R3517140-3 WG1457961 1x	0409_06	1096325	409629.80	460040.80
L1206794-21 WG1457961 1x	0409_07	1382477	527172.20	626580.30
L1206794-22 WG1457961 1x	0409_08	1176609	457402.40	478732.70
L1206794-23 WG1457961 1x	0409_09	1163170	449548.80	479167.90

Instrument: VOCMS56 • File ID: 0409_02

04/09/20 03:04

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_02	833494.40	373392.60	315755.80
Upper Limit		1666989	746785	631512
Lower Limit		416747	186696	157878
LCS R3518512-1 WG1457828 1x	0409_02LCS	833494.40	373392.60	315755.80
LCSD R3518512-2 WG1457828 1x	0409_03	847800.20	369864.20	323303.30
BLANK R3518512-3 WG1457828 1x	0409_06	819687.80	354847.50	307443
L1206794-01 WG1457828 1x	0409_07	903102.10	401723.40	348448.30
L1206794-02 WG1457828 1x	0409_08	838929.20	358146.50	313754.10
L1206794-03 WG1457828 1x	0409_09	855597.90	365028.40	313806.30
L1206794-04 WG1457828 1.02x	0409_10	866367.30	370288.60	320310.80
L1206794-05 WG1457828 1x	0409_11	858633.10	364390.50	318587.50
L1206794-06 WG1457828 1x	0409_12	865051.10	368474.30	313354.50
L1206794-07 WG1457828 1x	0409_13	849513.10	363025	311334.70
L1206794-08 WG1457828 1x	0409_14	867936.40	380537.20	322955.60
L1206794-09 WG1457828 1x	0409_15	849257.90	366840.80	315538
L1206794-10 WG1457828 1.07x	0409_16	869819.70	376412.20	322411.70
L1206794-11 WG1457828 1x	0409_17	848225.80	359102.40	313412.80
L1206794-12 WG1457828 1x	0409_18	821135.50	350481.10	312571.80
L1206794-13 WG1457828 1x	0409_19	847503.50	364364.20	310264.20
L1206794-14 WG1457828 1x	0409_20	833629.50	359122.40	309148
L1206794-15 WG1457828 1.08x	0409_21	851760.20	363172.20	313373.80

Instrument: VOCMS56 • File ID: 0409_02

04/09/20 03:04

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
L1206794-16 WG1457828 1x	0409_22	853004.60	366349.40	314701.40
L1206794-17 WG1457828 1x	0409_23	845754.30	372451.20	319037.40
L1206794-18 WG1457828 1x	0409_24	839316.50	368852.50	312527.40
L1206794-19 WG1457828 1x	0409_25	852029.70	363936.70	316298.40
L1206794-20 WG1457828 1x	0409_26	835368.50	358182.20	309198

INTERNAL STANDARD SUMMARY

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	23266229
Upper Limit		42974620
Lower Limit		14324880
BLANK R3517818-1 WG1459250 1x	0412_05	29738030
LCS R3517818-2 WG1459250 1x	0412_06	29524590
LCSD R3517818-3 WG1459250 1x	0412_07	28778780
L1206794-24 WG1459250 1x	0412_18	30648130

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	23266229
Upper Limit		42974620
Lower Limit		14324880
BLANK R3517853-1 WG1459075 1x	0411_30	27767860
LCS R3517853-2 WG1459075 1x	0411_31	29637510
L1206794-22 WG1459075 1x	0411_32	27559260
L1206794-23 WG1459075 1x	0411_33	28875470
MS R3517853-3 WG1459075 1x	0411_39	27534520
MSD R3517853-4 WG1459075 1x	0411_40	26798560

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	23266229
Upper Limit		42974620
Lower Limit		14324880
BLANK R3518857-1 WG1459503 1x	0414A_23	31077990
LCS R3518857-2 WG1459503 1x	0414A_24	27796820
MS R3518857-3 WG1459503 1x	0414A_26	27300960
MSD R3518857-4 WG1459503 1x	0414A_27	27050700
L1206794-12 WG1459503 1x	0414A_28	27467300
L1206794-13 WG1459503 1x	0414A_29	27943030

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3517794-1 WG1459065 1x	0411_06	697847200

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
LCS R3517794-2 WG1459065 1x	0411_07	679590500
L1206794-14 WG1459065 1x	0411_14	705178200
L1206794-15 WG1459065 1x	0411_15	704045500
L1206794-16 WG1459065 1x	0411_19	699533300
L1206794-17 WG1459065 1x	0411_20	706142700
L1206794-18 WG1459065 1x	0411_21	700575700
L1206794-19 WG1459065 1x	0411_22	701244700
L1206794-20 WG1459065 1x	0411_23	728023600
L1206794-21 WG1459065 1x	0411_24	719762500
MS R3517794-3 WG1459065 1x	0411_29	706481200
MSD R3517794-4 WG1459065 1x	0411_30	704004500

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
LCS R3518106-1 WG1458860 1x	0413_09	843702400
BLANK R3518106-2 WG1458860 1x	0413_10	875743700
MS R3518106-3 WG1458860 1x	0413_16	826508400
MSD R3518106-4 WG1458860 1x	0413_17	959808200
L1206794-01 WG1458860 1x	0413_32	738919600
L1206794-02 WG1458860 1x	0413_33	819550700
L1206794-03 WG1458860 1x	0413_34	835679300
L1206794-04 WG1458860 1x	0413_35	872091600
L1206794-05 WG1458860 1x	0413_36	832366400
L1206794-06 WG1458860 1x	0413_37	881427400
L1206794-07 WG1458860 1x	0413_38	830198800
L1206794-08 WG1458860 1x	0413_39	785156000
L1206794-09 WG1458860 1x	0413_40	869976900
L1206794-10 WG1458860 1x	0413_41	784157300
L1206794-11 WG1458860 1x	0413_42	827899800

INTERNAL STANDARD SUMMARY

Instrument: BNAMS17 • File ID: 0411_03

04/11/20 11:52

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0411_03	133531	72813	122760	121308	122736
Upper Limit		267062	145626	245520	242616	245472
Lower Limit		66766	36407	61380	60654	61368
LCS R3517776-1 WG1459072 1x	0411_04	134257	73804	125149	123241	125663
BLANK R3517776-2 WG1459072 1x	0411_05	138431	77702	128624	128980	131297
L1206794-09 WG1459072 1x	0411_06	138737	78758	129328	130290	133159
L1206794-11 WG1459072 1x	0411_07	140964	80238	132749	132808	137161
L1206794-12 WG1459072 1x	0411_08	142823	80672	132951	133865	136168
L1206794-13 WG1459072 1x	0411_09	138989	79468	130864	132073	134578
L1206794-14 WG1459072 1x	0411_10	136293	77166	128395	131158	131817
MS R3517776-3 WG1459072 1x	0411_11	140962	76808	130028	130111	130206
MSD R3517776-4 WG1459072 1x	0411_12	137959	75646	127830	128733	128558
L1206794-15 WG1459072 1x	0411_13	143026	80463	133167	135160	137426
L1206794-16 WG1459072 1x	0411_14	143261	80220	132489	136076	137781
L1206794-17 WG1459072 1x	0411_15	139772	78405	128776	129496	133092
L1206794-21 WG1459072 1x	0411_16	140997	78802	129050	130127	133102
L1206794-22 WG1459072 1x	0411_17	143598	80059	132185	133898	137092
L1206794-23 WG1459072 1x	0411_18	142228	79580	130552	132379	134148
L1206794-20 WG1459072 1x	0411_24	139271	78292	126333	130856	136500
L1206794-10 WG1459072 1x	0411_25	144250	80336	130550	122916	130291
L1206794-18 WG1459072 1x	0411_26	141782	79532	127077	142769	163242
L1206794-19 WG1459072 1x	0411_27	140508	79076	125940	135619	152529

Instrument: BNAMS25 • File ID: 0411_05

04/11/20 12:39

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0411_05	100875	61656	107547	120240	123360
Upper Limit		201750	123312	215094	240480	246720
Lower Limit		50438	30828	53774	60120	61680
LCS R3517839-1 WG1458907 1x	0411_06	117483	71684	124818	141998	144813
BLANK R3517839-2 WG1458907 1x	0411_07	117342	72680	120559	142354	146415
L1206794-03 WG1458907 1x	0411_18	109728	67970	113038	136002	137327
L1206794-05 WG1458907 1x	0411_19	109025	67111	112562	136363	136652
L1206794-06 WG1458907 1x	0411_20	106760	66052	110142	134934	134694

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0411_05

04/11/20 12:39

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
L1206794-07 WG1458907 1x	0411_21	106577	66156	113587	134292	136160
L1206794-08 WG1458907 1x	0411_22	107600	66541	111617	134997	134945
L1206794-04 WG1458907 1x	0411_23	109158	68006	111993	134215	136691
L1206794-02 WG1458907 1x	0411_25	109570	67495	119647	135553	138442
L1206794-01 WG1458907 1x	0411_26	107521	66107	116087	130755	134733
MS R3517839-3 WG1458907 1x	0411_27	106793	65000	116984	128429	132758
MSD R3517839-4 WG1458907 1x	0411_28	110112	67070	123077	130653	139033

INTERNAL STANDARD SUMMARY

Instrument: BNAMS12 • File ID: 0411_03

04/11/20 12:00

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0411_03	200882	100245	174439	149643	143454
Upper Limit		401764	200490	348878	299286	286908
Lower Limit		100441	50123	87220	74822	71727
LCS R3517791-1 WG1459125 1x	0411_04	234935	118725	202028	180686	172691
LCSD R3517791-2 WG1459125 1x	0411_05	226498	113096	201209	172417	167657
BLANK R3517791-3 WG1459125 1x	0411_06	223317	113303	196857	170495	170211
L1206794-24 WG1459125 1x	0411_07	211448	107230	188008	167327	159403

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes detected in the sample.
S10	Surrogate recovery was above laboratory and method acceptance limits.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

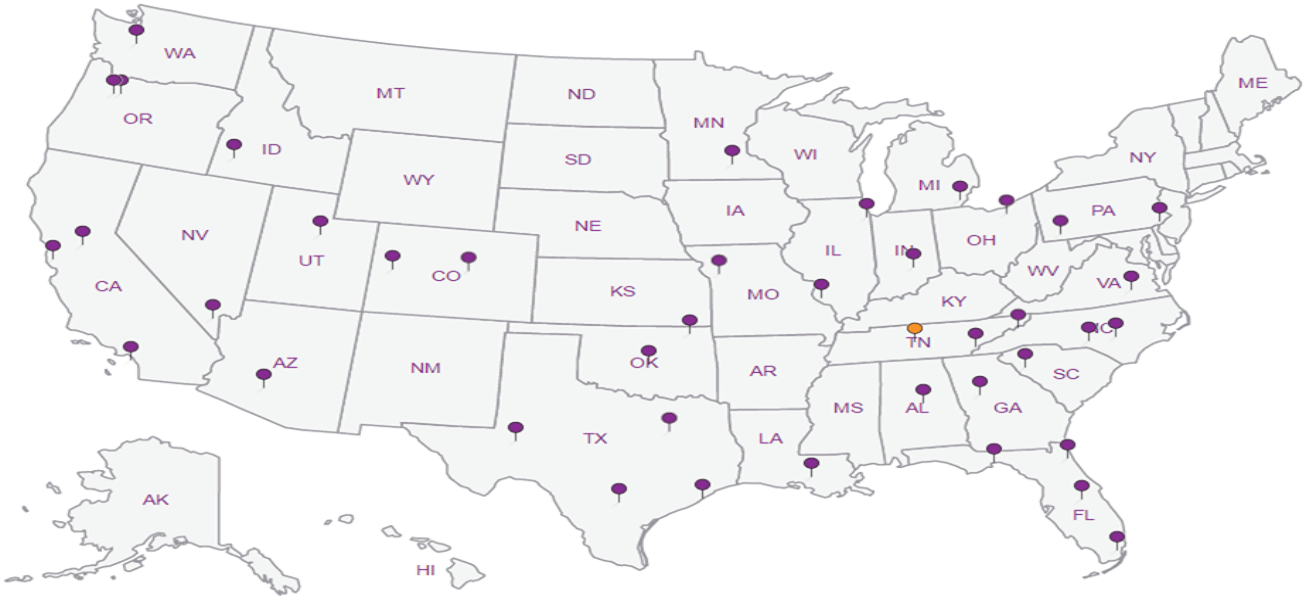
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1206794

Table # B043

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM / 4oz clear jar / NoPres	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-1-5	Grab	SS	0'	4/6/2020	0805	2	X	X	X	X		-01
SS-1-5	↓	↓	5	↓	0930	↓	X	X	X	X		-02
SS-1-10	↓	↓	10	↓	0940	↓	X	X	X	X		-03
SS-1-15	↓	↓	15	↓	0955	↓	X	X	X	X		-04
SS-1-20	↓	↓	20	↓	1040	↓	X	X	X	X		-05
SS-1-25	↓	↓	25	↓	1050	↓	X	X	X	X		-06
SS-1-30	↓	↓	30	↓	1100	↓	X	X	X	X		-07
SS-1-35	↓	↓	35	↓	1110	↓	X	X	X	X		-08
SS-1-40	↓	↓	40	↓	1120	↓	X	X	X	X		-09
												~~-10~~

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1411 1755 8562

NR
17.44 ~~11.86~~ 8288

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	4/6/20	1750			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.4 ±0=1.4 °C Bottles Received: 53	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 4/8/20 Time: 8:30	Hold: Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Videl

Email To: Briana.Li-Videl@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Videl

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Videl

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1206794

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-2-5	Grab	SS	0'	4/6/20	1155	2	X	X	X	X		-10
SS-2-5			5		1240		X	X	X	X		-11
SS-2-10			10		1250		X	X	X	X		-12
SS-2-15			15		1300		X	X	X	X		-13
SS-2-20			20		1335		X	X	X	X		~~-15~~ 14
SS-2-25			25		1345		X	X	X	X		~~-16~~ 15
SS-2-30			30		1355		X	X	X	X		~~-17~~ 16
SS-2-40			40		1415		X	X	X	X		~~-18~~ 17
SS-3-5			0		1445		X	X	X	X		~~-19~~ 18
SS-3-5			5		1530		X	X	X	X		~~-20~~ 19

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1748996 8 [illegible] 14 1117 55 8662

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
B. Li-Videl	4/6/20	1750			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.4±0=1.4 °C Bottles Received: 53	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 4/8/20 Time: 8:30	Hold: Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1206794

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-3-10	Grab	SS	10	4/6/20	1550	2	X	X	X	X		-20
SS-3-10-Dup	↓	↓	10	↓	1550	↓	X	X	X	X		~~-22~~ 21
SS-3-15	↓	↓	15	↓	1600	↓	X	X	X	X		~~-23~~ 22
SS-3-20	↓	↓	20	↓	1625	↓	X	X	X	X		~~-24~~ 23

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

~~1749 9916 86289~~

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1411 1755 8662

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
[signature]	4/6/20	1750		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.4±0=1.4 °C Bottles Received:
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 4/8/20 Time: 8:3

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 4 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1206794

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / HCl	PAH 8270SIM / 40ml amber / NoPres	RCRA8 Metals / 250ml HDPE / HNO3	PCB / 100ml amber / NoPres							Remarks	Sample # (lab only)
EB-1	Grab	WW		4/6/20	1635	7	X	X	X	X								~~25~~ 24

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

1799 2226 82.89

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 14111175 7662

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	4/6/20	1750			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: UM A6 °C 1.4±0=1.4 Bottles Received: 53	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) [signature]	Date: 4/8/20 Time: 8:30	Hold: Condition: NCF / OK

Hailey Melson

Pace Analytical®
National Center for Testing & Innovation

Login #: L1206794	Client: TERRTUAZ	Date: 04/08/2020	Evaluated by: Monica R.

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time		Login Clarification Needed		**If Broken Container:**
	Temperature not in range		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.		Insufficient packing material inside cooler
	pH not in range.		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Cour
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
X	Broken container		Client did not "X" analysis.		Received by:
	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments:

40ml vials received broken for IDs: SS-2-25 @ 1345 and SS-1-5 @ 0930

Client informed by:		Call		Email		Voice Mail		Date: 4/8	Time: 1542
TSR Initials:DR	Client Contact:								

Login Instructions:

Prep in MeOH ASAP and proceed with analysis

ANALYTICAL REPORT

April 21, 2020

Terracon - Tucson, AZ

Sample Delivery Group:	L1206843
Samples Received:	04/08/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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SS-3-25 L1206843-01 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 08:15 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:33	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:05	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 08:15	04/09/20 10:03	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 21:30	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 17:31	DMG	Mt. Juliet, TN

SS-3-35 L1206843-02 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 08:25 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:35	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:08	RDS	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 08:25	04/09/20 10:22	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 21:42	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 17:51	DMG	Mt. Juliet, TN

SS-3-40 L1206843-03 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 08:35 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:38	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:11	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 08:35	04/09/20 10:41	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 21:55	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459072	1	04/10/20 23:58	04/11/20 18:12	DMG	Mt. Juliet, TN

SS-3-45 L1206843-04 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 08:45 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:40	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:18	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 08:45	04/09/20 11:00	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 22:32	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459540	1	04/12/20 15:55	04/13/20 00:33	AAT	Mt. Juliet, TN

SS-3-50 L1206843-05 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 08:55 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:43	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:21	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 08:55	04/09/20 11:18	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 22:45	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459540	1	04/12/20 15:55	04/13/20 00:56	AAT	Mt. Juliet, TN

SS-3-55 L1206843-06 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 09:00 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:50	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:24	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 09:00	04/09/20 11:37	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 22:57	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 00:32	AAT	Mt. Juliet, TN

SS-3-60 L1206843-07 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 09:10 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:52	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:26	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 09:10	04/09/20 11:56	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 23:10	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 01:34	AAT	Mt. Juliet, TN

SS-3-65 L1206843-08 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 09:25 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:54	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 08:53	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 09:25	04/09/20 12:34	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 23:22	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 01:54	AAT	Mt. Juliet, TN

SS-3-70 L1206843-09 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 09:40 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:57	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:29	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 09:40	04/09/20 12:53	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 23:35	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 02:15	AAT	Mt. Juliet, TN

SS-3-75 L1206843-10 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 09:50 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:59	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:31	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 09:50	04/09/20 13:12	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/17/20 23:47	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 02:36	AAT	Mt. Juliet, TN

SS-4-5 L1206843-11 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 10:45 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:01	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:34	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 10:45	04/09/20 13:31	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 00:00	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 02:56	AAT	Mt. Juliet, TN

SS-4-5 L1206843-12 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 11:35 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:04	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:36	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1.01	04/07/20 11:35	04/09/20 13:50	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 00:12	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 07:46	AAT	Mt. Juliet, TN

SS-4-10 L1206843-13 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 11:40 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:06	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:39	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1.08	04/07/20 11:40	04/09/20 14:08	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 00:25	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 03:17	AAT	Mt. Juliet, TN

SS-4-15 L1206843-14 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 11:45 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:09	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:41	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 11:45	04/09/20 14:27	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 00:37	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 03:38	AAT	Mt. Juliet, TN

SS-4-20 L1206843-15 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 12:30 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 07:26	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:49	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 12:30	04/09/20 14:46	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 00:50	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 03:58	AAT	Mt. Juliet, TN

SS-4-25 L1206843-16 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 12:35 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:11	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:52	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 12:35	04/09/20 15:05	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 01:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 04:19	AAT	Mt. Juliet, TN

SS-4-30 L1206843-17 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 12:40 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:18	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:54	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1457961	1	04/07/20 12:40	04/09/20 15:24	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 01:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 04:40	AAT	Mt. Juliet, TN

SS-4-35 L1206843-18 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 12:45 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:20	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 09:57	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 12:45	04/09/20 11:20	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 02:05	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 05:00	AAT	Mt. Juliet, TN

SS-4-40 L1206843-19 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 12:55 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:23	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 10:00	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 12:55	04/09/20 11:39	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 02:18	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 05:21	AAT	Mt. Juliet, TN

SS-5-5 L1206843-20 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 13:20 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458286	1	04/09/20 15:39	04/10/20 08:25	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458227	1	04/09/20 14:59	04/10/20 10:02	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1.1	04/07/20 13:20	04/09/20 11:58	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461948	1	04/16/20 23:43	04/18/20 02:30	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 07:25	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-5-5 L1206843-21 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 14:15 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:14	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 11:41	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1.05	04/07/20 14:15	04/09/20 12:17	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 14:44	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 05:42	AAT	Mt. Juliet, TN

SS-5-10 L1206843-22 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 14:20 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:16	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 11:43	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 14:20	04/09/20 15:46	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 14:58	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 06:02	AAT	Mt. Juliet, TN

SS-5-15 L1206843-23 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 14:25 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:17	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 11:46	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 14:25	04/09/20 16:05	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 15:13	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 07:04	AAT	Mt. Juliet, TN

SS-5-20 L1206843-24 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 15:55 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:19	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 11:54	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1.09	04/07/20 15:55	04/09/20 16:24	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 15:27	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 06:44	AAT	Mt. Juliet, TN

SS-5-25 L1206843-25 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/07/20 16:00 | Received date/time: 04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:27	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 11:57	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 16:00	04/09/20 16:43	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 16:09	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459541	1	04/13/20 16:30	04/14/20 06:23	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-5-35 L1206843-26 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 16:10	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:29	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 12:00	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 16:10	04/09/20 17:02	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 16:23	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459887	1	04/13/20 16:33	04/13/20 22:21	AAT	Mt. Juliet, TN

SS-5-40 L1206843-27 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 16:15	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:31	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 12:03	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458046	1	04/07/20 16:15	04/09/20 17:21	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 16:38	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459887	1	04/13/20 16:33	04/13/20 22:44	AAT	Mt. Juliet, TN

SS-5-35 DUP L1206843-28 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 16:10	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458273	1	04/09/20 15:26	04/09/20 18:33	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458229	1	04/09/20 16:22	04/10/20 12:06	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458485	1	04/07/20 16:10	04/10/20 00:43	ADM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 16:52	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459887	1	04/13/20 16:33	04/13/20 23:07	AAT	Mt. Juliet, TN

EB-2 L1206843-29 GW

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 15:00	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1458122	1	04/09/20 16:55	04/10/20 07:46	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1457863	1	04/09/20 22:04	04/10/20 10:00	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458006	1	04/09/20 11:22	04/09/20 11:22	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459250	1	04/11/20 14:12	04/12/20 16:47	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-SIM	WG1459549	1	04/13/20 23:42	04/14/20 02:45	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:33	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.06		2.00	1	04/10/2020 09:05	WG1458227
Barium	57.2		0.500	1	04/10/2020 09:05	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:05	WG1458227
Chromium	4.84		1.00	1	04/10/2020 09:05	WG1458227
Lead	7.96		0.500	1	04/10/2020 09:05	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:05	WG1458227
Silver	ND		1.00	1	04/10/2020 09:05	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 10:03	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 10:03	WG1457961
Benzene	ND		0.0250	1	04/09/2020 10:03	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 10:03	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
Bromoform	ND		0.625	1	04/09/2020 10:03	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 10:03	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 10:03	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 10:03	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 10:03	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 10:03	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 10:03	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 10:03	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 10:03	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 10:03	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 10:03	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 10:03	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 10:03	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 10:03	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 10:03	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 10:03	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 10:03	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 10:03	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 10:03	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 10:03	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 10:03	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 10:03	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 10:03	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 10:03	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 10:03	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 10:03	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 10:03	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 10:03	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 10:03	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 10:03	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 10:03	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 10:03	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 10:03	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 10:03	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 10:03	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 10:03	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 10:03	WG1457961
Propene	ND		1.25	1	04/09/2020 10:03	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
Styrene	ND		0.313	1	04/09/2020 10:03	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 10:03	WG1457961
Toluene	ND		0.125	1	04/09/2020 10:03	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 10:03	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 10:03	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 10:03	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 10:03	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 10:03	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 10:03	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 10:03	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 10:03	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 10:03	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 10:03*	WG1457961
(S) 4-Bromofluorobenzene	*90.8*		*67.0-138*		*04/09/2020 10:03*	WG1457961
(S) 1,2-Dichloroethane-d4	*73.7*		*70.0-130*		*04/09/2020 10:03*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 21:30	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 21:30	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 21:30	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 21:30	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 21:30	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 21:30	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 21:30	WG1461948
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/17/2020 21:30*	WG1461948
(S) Tetrachloro-m-xylene	*95.8*		*10.0-139*		*04/17/2020 21:30*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 17:31	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 17:31	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 17:31	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:31	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:31	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 17:31	WG1459072
(S) p-Terphenyl-d14	*79.8*		*23.0-120*		*04/11/2020 17:31*	WG1459072
(S) Nitrobenzene-d5	*89.6*		*14.0-149*		*04/11/2020 17:31*	WG1459072
(S) 2-Fluorobiphenyl	*81.2*		*34.0-125*		*04/11/2020 17:31*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:35	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.83		2.00	1	04/10/2020 09:08	WG1458227
Barium	378		0.500	1	04/10/2020 09:08	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:08	WG1458227
Chromium	15.2		1.00	1	04/10/2020 09:08	WG1458227
Lead	27.2		0.500	1	04/10/2020 09:08	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:08	WG1458227
Silver	ND		1.00	1	04/10/2020 09:08	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 10:22	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 10:22	WG1457961
Benzene	ND		0.0250	1	04/09/2020 10:22	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 10:22	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
Bromoform	ND		0.625	1	04/09/2020 10:22	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 10:22	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 10:22	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 10:22	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 10:22	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 10:22	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 10:22	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 10:22	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 10:22	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 10:22	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 10:22	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 10:22	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 10:22	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 10:22	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 10:22	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 10:22	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 10:22	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 10:22	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 10:22	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 10:22	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 10:22	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 10:22	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 10:22	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 10:22	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 10:22	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 10:22	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 10:22	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 10:22	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 10:22	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 10:22	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 10:22	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 10:22	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 10:22	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 10:22	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 10:22	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 10:22	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 10:22	WG1457961
Propene	ND		1.25	1	04/09/2020 10:22	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
Styrene	ND		0.313	1	04/09/2020 10:22	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 10:22	WG1457961
Toluene	ND		0.125	1	04/09/2020 10:22	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 10:22	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 10:22	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 10:22	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 10:22	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 10:22	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 10:22	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 10:22	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 10:22	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 10:22	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 10:22*	WG1457961
(S) 4-Bromofluorobenzene	*91.9*		*67.0-138*		*04/09/2020 10:22*	WG1457961
(S) 1,2-Dichloroethane-d4	*75.4*		*70.0-130*		*04/09/2020 10:22*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 21:42	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 21:42	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 21:42	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 21:42	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 21:42	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 21:42	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 21:42	WG1461948
(S) Decachlorobiphenyl	*130*		*10.0-135*		*04/17/2020 21:42*	WG1461948
(S) Tetrachloro-m-xylene	*120*		*10.0-139*		*04/17/2020 21:42*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Benzo(a)anthracene	0.00861		0.00600	1	04/11/2020 17:51	WG1459072
Benzo(a)pyrene	0.00944		0.00600	1	04/11/2020 17:51	WG1459072
Benzo(b)fluoranthene	0.0123		0.00600	1	04/11/2020 17:51	WG1459072
Benzo(g,h,i)perylene	0.00793		0.00600	1	04/11/2020 17:51	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Chrysene	0.00728		0.00600	1	04/11/2020 17:51	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Fluoranthene	0.0127		0.00600	1	04/11/2020 17:51	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Indeno(1,2,3-cd)pyrene	0.00648		0.00600	1	04/11/2020 17:51	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 17:51	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 17:51	WG1459072
Pyrene	0.0118		0.00600	1	04/11/2020 17:51	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:51	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 17:51	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 17:51	WG1459072
(S) p-Terphenyl-d14	*78.0*		*23.0-120*		*04/11/2020 17:51*	WG1459072
(S) Nitrobenzene-d5	*87.9*		*14.0-149*		*04/11/2020 17:51*	WG1459072
(S) 2-Fluorobiphenyl	*80.1*		*34.0-125*		*04/11/2020 17:51*	WG1459072

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:38	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.73		2.00	1	04/10/2020 09:11	WG1458227
Barium	85.8		0.500	1	04/10/2020 09:11	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:11	WG1458227
Chromium	9.77		1.00	1	04/10/2020 09:11	WG1458227
Lead	10.5		0.500	1	04/10/2020 09:11	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:11	WG1458227
Silver	ND		1.00	1	04/10/2020 09:11	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 10:41	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 10:41	WG1457961
Benzene	ND		0.0250	1	04/09/2020 10:41	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 10:41	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
Bromoform	ND		0.625	1	04/09/2020 10:41	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 10:41	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 10:41	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 10:41	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 10:41	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 10:41	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 10:41	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 10:41	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 10:41	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 10:41	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 10:41	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 10:41	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 10:41	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 10:41	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 10:41	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 10:41	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 10:41	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 10:41	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 10:41	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 10:41	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 10:41	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 10:41	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 10:41	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 10:41	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 10:41	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 10:41	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 10:41	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 10:41	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 10:41	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 10:41	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 10:41	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 10:41	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 10:41	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 10:41	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 10:41	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 10:41	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 10:41	WG1457961
Propene	ND		1.25	1	04/09/2020 10:41	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
Styrene	ND		0.313	1	04/09/2020 10:41	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 10:41	WG1457961
Toluene	ND		0.125	1	04/09/2020 10:41	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 10:41	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 10:41	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 10:41	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 10:41	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 10:41	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 10:41	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 10:41	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 10:41	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 10:41	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 10:41*	WG1457961
(S) 4-Bromofluorobenzene	*91.9*		*67.0-138*		*04/09/2020 10:41*	WG1457961
(S) 1,2-Dichloroethane-d4	*71.5*		*70.0-130*		*04/09/2020 10:41*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 21:55	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 21:55	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 21:55	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 21:55	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 21:55	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 21:55	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 21:55	WG1461948
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/17/2020 21:55*	WG1461948
(S) Tetrachloro-m-xylene	*106*		*10.0-139*		*04/17/2020 21:55*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Acenaphthene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Acenaphthylene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Benzo(a)anthracene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Benzo(a)pyrene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Benzo(b)fluoranthene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Benzo(g,h,i)perylene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Benzo(k)fluoranthene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Chrysene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Dibenz(a,h)anthracene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Fluoranthene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Fluorene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Naphthalene	ND		0.0200	1	04/11/2020 18:12	WG1459072
Phenanthrene	ND		0.00600	1	04/11/2020 18:12	WG1459072
Pyrene	ND		0.00600	1	04/11/2020 18:12	WG1459072
1-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:12	WG1459072
2-Methylnaphthalene	ND		0.0200	1	04/11/2020 18:12	WG1459072
2-Chloronaphthalene	ND		0.0200	1	04/11/2020 18:12	WG1459072
(S) p-Terphenyl-d14	*81.1*		*23.0-120*		*04/11/2020 18:12*	WG1459072
(S) Nitrobenzene-d5	*92.7*		*14.0-149*		*04/11/2020 18:12*	WG1459072
(S) 2-Fluorobiphenyl	*82.5*		*34.0-125*		*04/11/2020 18:12*	WG1459072

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0916		0.0400	1	04/10/2020 07:40	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.61		2.00	1	04/10/2020 09:18	WG1458227
Barium	155		0.500	1	04/10/2020 09:18	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:18	WG1458227
Chromium	10.7		1.00	1	04/10/2020 09:18	WG1458227
Lead	22.6		0.500	1	04/10/2020 09:18	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:18	WG1458227
Silver	ND		1.00	1	04/10/2020 09:18	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 11:00	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 11:00	WG1457961
Benzene	ND		0.0250	1	04/09/2020 11:00	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 11:00	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
Bromoform	ND		0.625	1	04/09/2020 11:00	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 11:00	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 11:00	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 11:00	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:00	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 11:00	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:00	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 11:00	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 11:00	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 11:00	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 11:00	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:00	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:00	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:00	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 11:00	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:00	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:00	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:00	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:00	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:00	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:00	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:00	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:00	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 11:00	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:00	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 11:00	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:00	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 11:00	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 11:00	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:00	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:00	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 11:00	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 11:00	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:00	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:00	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:00	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 11:00	WG1457961
Propene	ND		1.25	1	04/09/2020 11:00	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
Styrene	ND		0.313	1	04/09/2020 11:00	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:00	WG1457961
Toluene	ND		0.125	1	04/09/2020 11:00	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:00	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 11:00	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 11:00	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:00	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:00	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 11:00	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:00	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 11:00	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 11:00	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 11:00*	WG1457961
(S) 4-Bromofluorobenzene	*90.0*		*67.0-138*		*04/09/2020 11:00*	WG1457961
(S) 1,2-Dichloroethane-d4	*71.6*		*70.0-130*		*04/09/2020 11:00*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 22:32	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 22:32	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 22:32	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 22:32	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 22:32	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 22:32	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 22:32	WG1461948
(S) Decachlorobiphenyl	*119*		*10.0-135*		*04/17/2020 22:32*	WG1461948
(S) Tetrachloro-m-xylene	*111*		*10.0-139*		*04/17/2020 22:32*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Acenaphthene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Acenaphthylene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Benzo(a)anthracene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Benzo(a)pyrene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Benzo(b)fluoranthene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Benzo(g,h,i)perylene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Benzo(k)fluoranthene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Chrysene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Dibenz(a,h)anthracene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Fluoranthene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Fluorene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Naphthalene	ND		0.0200	1	04/13/2020 00:33	WG1459540
Phenanthrene	ND		0.00600	1	04/13/2020 00:33	WG1459540
Pyrene	ND		0.00600	1	04/13/2020 00:33	WG1459540
1-Methylnaphthalene	ND		0.0200	1	04/13/2020 00:33	WG1459540
2-Methylnaphthalene	ND		0.0200	1	04/13/2020 00:33	WG1459540
2-Chloronaphthalene	ND		0.0200	1	04/13/2020 00:33	WG1459540
(S) p-Terphenyl-d14	*56.2*		*23.0-120*		*04/13/2020 00:33*	WG1459540
(S) Nitrobenzene-d5	*56.3*		*14.0-149*		*04/13/2020 00:33*	WG1459540
(S) 2-Fluorobiphenyl	*65.7*		*34.0-125*		*04/13/2020 00:33*	WG1459540

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0422		0.0400	1	04/10/2020 07:43	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.47		2.00	1	04/10/2020 09:21	WG1458227
Barium	105		0.500	1	04/10/2020 09:21	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:21	WG1458227
Chromium	9.88		1.00	1	04/10/2020 09:21	WG1458227
Lead	10.7		0.500	1	04/10/2020 09:21	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:21	WG1458227
Silver	ND		1.00	1	04/10/2020 09:21	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 11:18	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 11:18	WG1457961
Benzene	ND		0.0250	1	04/09/2020 11:18	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 11:18	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
Bromoform	ND		0.625	1	04/09/2020 11:18	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 11:18	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 11:18	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 11:18	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:18	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 11:18	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:18	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 11:18	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 11:18	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 11:18	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 11:18	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:18	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:18	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:18	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 11:18	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:18	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:18	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:18	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:18	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:18	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:18	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:18	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:18	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 11:18	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:18	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 11:18	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:18	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 11:18	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 11:18	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:18	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:18	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 11:18	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 11:18	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:18	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:18	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:18	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 11:18	WG1457961
Propene	ND		1.25	1	04/09/2020 11:18	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
Styrene	ND		0.313	1	04/09/2020 11:18	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:18	WG1457961
Toluene	ND		0.125	1	04/09/2020 11:18	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:18	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 11:18	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 11:18	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:18	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:18	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 11:18	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:18	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 11:18	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 11:18	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 11:18*	WG1457961
(S) 4-Bromofluorobenzene	*90.3*		*67.0-138*		*04/09/2020 11:18*	WG1457961
(S) 1,2-Dichloroethane-d4	*74.5*		*70.0-130*		*04/09/2020 11:18*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 22:45	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 22:45	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 22:45	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 22:45	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 22:45	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 22:45	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 22:45	WG1461948
(S) Decachlorobiphenyl	*120*		*10.0-135*		*04/17/2020 22:45*	WG1461948
(S) Tetrachloro-m-xylene	*110*		*10.0-139*		*04/17/2020 22:45*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Acenaphthene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Acenaphthylene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Benzo(a)anthracene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Benzo(a)pyrene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Benzo(b)fluoranthene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Benzo(g,h,i)perylene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Benzo(k)fluoranthene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Chrysene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Dibenz(a,h)anthracene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Fluoranthene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Fluorene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Naphthalene	ND		0.0200	1	04/13/2020 00:56	WG1459540
Phenanthrene	ND		0.00600	1	04/13/2020 00:56	WG1459540
Pyrene	ND		0.00600	1	04/13/2020 00:56	WG1459540
1-Methylnaphthalene	ND		0.0200	1	04/13/2020 00:56	WG1459540
2-Methylnaphthalene	ND		0.0200	1	04/13/2020 00:56	WG1459540
2-Chloronaphthalene	ND		0.0200	1	04/13/2020 00:56	WG1459540
(S) p-Terphenyl-d14	*49.7*		*23.0-120*		*04/13/2020 00:56*	WG1459540
(S) Nitrobenzene-d5	*52.8*		*14.0-149*		*04/13/2020 00:56*	WG1459540
(S) 2-Fluorobiphenyl	*68.0*		*34.0-125*		*04/13/2020 00:56*	WG1459540

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0884		0.0400	1	04/10/2020 07:50	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.21		2.00	1	04/10/2020 09:24	WG1458227
Barium	106		0.500	1	04/10/2020 09:24	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:24	WG1458227
Chromium	11.4		1.00	1	04/10/2020 09:24	WG1458227
Lead	23.4		0.500	1	04/10/2020 09:24	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:24	WG1458227
Silver	ND		1.00	1	04/10/2020 09:24	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 11:37	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 11:37	WG1457961
Benzene	ND		0.0250	1	04/09/2020 11:37	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 11:37	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
Bromoform	ND		0.625	1	04/09/2020 11:37	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 11:37	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 11:37	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 11:37	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:37	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 11:37	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:37	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 11:37	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 11:37	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 11:37	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 11:37	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:37	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:37	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:37	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 11:37	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:37	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:37	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:37	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:37	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:37	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:37	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:37	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:37	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 11:37	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:37	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 11:37	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:37	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 11:37	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 11:37	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:37	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:37	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 11:37	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 11:37	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:37	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:37	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:37	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 11:37	WG1457961
Propene	ND		1.25	1	04/09/2020 11:37	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
Styrene	ND		0.313	1	04/09/2020 11:37	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:37	WG1457961
Toluene	ND		0.125	1	04/09/2020 11:37	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:37	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 11:37	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 11:37	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:37	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:37	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 11:37	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:37	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 11:37	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 11:37	WG1457961
(S) Toluene-d8	*119*		*75.0-131*		*04/09/2020 11:37*	WG1457961
(S) 4-Bromofluorobenzene	*91.1*		*67.0-138*		*04/09/2020 11:37*	WG1457961
(S) 1,2-Dichloroethane-d4	*75.7*		*70.0-130*		*04/09/2020 11:37*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 22:57	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 22:57	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 22:57	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 22:57	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 22:57	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 22:57	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 22:57	WG1461948
(S) Decachlorobiphenyl	*119*		*10.0-135*		*04/17/2020 22:57*	WG1461948
(S) Tetrachloro-m-xylene	*108*		*10.0-139*		*04/17/2020 22:57*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 00:32	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 00:32	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 00:32	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 00:32	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 00:32	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 00:32	WG1459541
(S) p-Terphenyl-d14	*71.0*		*23.0-120*		*04/14/2020 00:32*	WG1459541
(S) Nitrobenzene-d5	*84.9*		*14.0-149*		*04/14/2020 00:32*	WG1459541
(S) 2-Fluorobiphenyl	*74.2*		*34.0-125*		*04/14/2020 00:32*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:52	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.16		2.00	1	04/10/2020 09:26	WG1458227
Barium	155		0.500	1	04/10/2020 09:26	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:26	WG1458227
Chromium	3.27		1.00	1	04/10/2020 09:26	WG1458227
Lead	7.66		0.500	1	04/10/2020 09:26	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:26	WG1458227
Silver	ND		1.00	1	04/10/2020 09:26	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/09/2020 11:56	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 11:56	WG1457961
Benzene	ND		0.0250	1	04/09/2020 11:56	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 11:56	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
Bromoform	ND		0.625	1	04/09/2020 11:56	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 11:56	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 11:56	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 11:56	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:56	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 11:56	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:56	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 11:56	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 11:56	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 11:56	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 11:56	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:56	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:56	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:56	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 11:56	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:56	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:56	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:56	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:56	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:56	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:56	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:56	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:56	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 11:56	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:56	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 11:56	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:56	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 11:56	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 11:56	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:56	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:56	WG1457961
2-Butanone (MEK)	ND		0.625	1	04/09/2020 11:56	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 11:56	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:56	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:56	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:56	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 11:56	WG1457961
Propene	ND		1.25	1	04/09/2020 11:56	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
Styrene	ND		0.313	1	04/09/2020 11:56	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:56	WG1457961
Toluene	ND		0.125	1	04/09/2020 11:56	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:56	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 11:56	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 11:56	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:56	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:56	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 11:56	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:56	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 11:56	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 11:56	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 11:56*	WG1457961
(S) 4-Bromofluorobenzene	*91.9*		*67.0-138*		*04/09/2020 11:56*	WG1457961
(S) 1,2-Dichloroethane-d4	*76.7*		*70.0-130*		*04/09/2020 11:56*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 23:10	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 23:10	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 23:10	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 23:10	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 23:10	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 23:10	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 23:10	WG1461948
(S) Decachlorobiphenyl	*131*		*10.0-135*		*04/17/2020 23:10*	WG1461948
(S) Tetrachloro-m-xylene	*120*		*10.0-139*		*04/17/2020 23:10*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 01:34	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 01:34	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 01:34	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 01:34	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 01:34	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 01:34	WG1459541
(S) p-Terphenyl-d14	*90.6*		*23.0-120*		*04/14/2020 01:34*	WG1459541
(S) Nitrobenzene-d5	*104*		*14.0-149*		*04/14/2020 01:34*	WG1459541
(S) 2-Fluorobiphenyl	*89.3*		*34.0-125*		*04/14/2020 01:34*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:54	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.33		2.00	1	04/10/2020 08:53	WG1458227
Barium	42.1	M1 R5	0.500	1	04/10/2020 08:53	WG1458227
Cadmium	ND		0.500	1	04/10/2020 08:53	WG1458227
Chromium	2.09		1.00	1	04/10/2020 08:53	WG1458227
Lead	6.08		0.500	1	04/10/2020 08:53	WG1458227
Selenium	ND		2.00	1	04/10/2020 08:53	WG1458227
Silver	ND		1.00	1	04/10/2020 08:53	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 12:34	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 12:34	WG1457961
Benzene	ND		0.0250	1	04/09/2020 12:34	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 12:34	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
Bromoform	ND		0.625	1	04/09/2020 12:34	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 12:34	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 12:34	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 12:34	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 12:34	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 12:34	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 12:34	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 12:34	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 12:34	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 12:34	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 12:34	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 12:34	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 12:34	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 12:34	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 12:34	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 12:34	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 12:34	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 12:34	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 12:34	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 12:34	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 12:34	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 12:34	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 12:34	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 12:34	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 12:34	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 12:34	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 12:34	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 12:34	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 12:34	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 12:34	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 12:34	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 12:34	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 12:34	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 12:34	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 12:34	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 12:34	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 12:34	WG1457961
Propene	ND		1.25	1	04/09/2020 12:34	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
Styrene	ND		0.313	1	04/09/2020 12:34	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 12:34	WG1457961
Toluene	ND		0.125	1	04/09/2020 12:34	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 12:34	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 12:34	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 12:34	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 12:34	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 12:34	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 12:34	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 12:34	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 12:34	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 12:34	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 12:34*	WG1457961
(S) 4-Bromofluorobenzene	*89.6*		*67.0-138*		*04/09/2020 12:34*	WG1457961
(S) 1,2-Dichloroethane-d4	*75.4*		*70.0-130*		*04/09/2020 12:34*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 23:22	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 23:22	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 23:22	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 23:22	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 23:22	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 23:22	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 23:22	WG1461948
(S) Decachlorobiphenyl	*116*		*10.0-135*		*04/17/2020 23:22*	WG1461948
(S) Tetrachloro-m-xylene	*107*		*10.0-139*		*04/17/2020 23:22*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 01:54	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 01:54	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 01:54	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 01:54	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 01:54	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 01:54	WG1459541
(S) p-Terphenyl-d14	*83.8*		*23.0-120*		*04/14/2020 01:54*	WG1459541
(S) Nitrobenzene-d5	*99.5*		*14.0-149*		*04/14/2020 01:54*	WG1459541
(S) 2-Fluorobiphenyl	*80.8*		*34.0-125*		*04/14/2020 01:54*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:57	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.41		2.00	1	04/10/2020 09:29	WG1458227
Barium	85.0		0.500	1	04/10/2020 09:29	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:29	WG1458227
Chromium	13.5		1.00	1	04/10/2020 09:29	WG1458227
Lead	9.50		0.500	1	04/10/2020 09:29	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:29	WG1458227
Silver	ND		1.00	1	04/10/2020 09:29	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 12:53	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 12:53	WG1457961
Benzene	ND		0.0250	1	04/09/2020 12:53	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 12:53	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
Bromoform	ND		0.625	1	04/09/2020 12:53	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 12:53	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 12:53	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 12:53	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 12:53	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 12:53	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 12:53	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 12:53	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 12:53	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 12:53	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 12:53	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 12:53	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 12:53	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 12:53	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 12:53	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 12:53	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 12:53	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 12:53	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 12:53	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 12:53	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 12:53	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 12:53	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 12:53	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 12:53	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 12:53	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 12:53	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 12:53	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 12:53	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 12:53	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 12:53	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 12:53	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 12:53	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 12:53	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 12:53	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 12:53	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 12:53	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 12:53	WG1457961
Propene	ND		1.25	1	04/09/2020 12:53	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
Styrene	ND		0.313	1	04/09/2020 12:53	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 12:53	WG1457961
Toluene	ND		0.125	1	04/09/2020 12:53	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 12:53	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 12:53	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 12:53	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 12:53	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 12:53	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 12:53	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 12:53	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 12:53	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 12:53	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 12:53*	WG1457961
(S) 4-Bromofluorobenzene	*91.0*		*67.0-138*		*04/09/2020 12:53*	WG1457961
(S) 1,2-Dichloroethane-d4	*75.6*		*70.0-130*		*04/09/2020 12:53*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 23:35	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 23:35	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 23:35	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 23:35	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 23:35	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 23:35	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 23:35	WG1461948
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/17/2020 23:35*	WG1461948
(S) Tetrachloro-m-xylene	*105*		*10.0-139*		*04/17/2020 23:35*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 02:15	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 02:15	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 02:15	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 02:15	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 02:15	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 02:15	WG1459541
(S) p-Terphenyl-d14	*61.1*		*23.0-120*		*04/14/2020 02:15*	WG1459541
(S) Nitrobenzene-d5	*88.3*		*14.0-149*		*04/14/2020 02:15*	WG1459541
(S) 2-Fluorobiphenyl	*66.7*		*34.0-125*		*04/14/2020 02:15*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:59	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.80		2.00	1	04/10/2020 09:31	WG1458227
Barium	47.5		0.500	1	04/10/2020 09:31	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:31	WG1458227
Chromium	2.78		1.00	1	04/10/2020 09:31	WG1458227
Lead	4.92		0.500	1	04/10/2020 09:31	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:31	WG1458227
Silver	ND		1.00	1	04/10/2020 09:31	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 13:12	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 13:12	WG1457961
Benzene	ND		0.0250	1	04/09/2020 13:12	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 13:12	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
Bromoform	ND		0.625	1	04/09/2020 13:12	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 13:12	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 13:12	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 13:12	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 13:12	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 13:12	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 13:12	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 13:12	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 13:12	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 13:12	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 13:12	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 13:12	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 13:12	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 13:12	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 13:12	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 13:12	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 13:12	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 13:12	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 13:12	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 13:12	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 13:12	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 13:12	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 13:12	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 13:12	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 13:12	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 13:12	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 13:12	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 13:12	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 13:12	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 13:12	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 13:12	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 13:12	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 13:12	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 13:12	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 13:12	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 13:12	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 13:12	WG1457961
Propene	ND		1.25	1	04/09/2020 13:12	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
Styrene	ND		0.313	1	04/09/2020 13:12	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 13:12	WG1457961
Toluene	ND		0.125	1	04/09/2020 13:12	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 13:12	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 13:12	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 13:12	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 13:12	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 13:12	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 13:12	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 13:12	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 13:12	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 13:12	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 13:12*	WG1457961
(S) 4-Bromofluorobenzene	*90.3*		*67.0-138*		*04/09/2020 13:12*	WG1457961
(S) 1,2-Dichloroethane-d4	*75.5*		*70.0-130*		*04/09/2020 13:12*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 23:47	WG1461948
PCB 1221	ND		0.0340	1	04/17/2020 23:47	WG1461948
PCB 1232	ND		0.0340	1	04/17/2020 23:47	WG1461948
PCB 1242	ND		0.0340	1	04/17/2020 23:47	WG1461948
PCB 1248	ND		0.0170	1	04/17/2020 23:47	WG1461948
PCB 1254	ND		0.0170	1	04/17/2020 23:47	WG1461948
PCB 1260	ND		0.0170	1	04/17/2020 23:47	WG1461948
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/17/2020 23:47*	WG1461948
(S) Tetrachloro-m-xylene	*106*		*10.0-139*		*04/17/2020 23:47*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 02:36	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 02:36	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 02:36	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 02:36	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 02:36	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 02:36	WG1459541
(S) p-Terphenyl-d14	*52.8*		*23.0-120*		*04/14/2020 02:36*	WG1459541
(S) Nitrobenzene-d5	*77.8*		*14.0-149*		*04/14/2020 02:36*	WG1459541
(S) 2-Fluorobiphenyl	*60.1*		*34.0-125*		*04/14/2020 02:36*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0456		0.0400	1	04/10/2020 08:01	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.12		2.00	1	04/10/2020 09:34	WG1458227
Barium	96.8		0.500	1	04/10/2020 09:34	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:34	WG1458227
Chromium	11.1		1.00	1	04/10/2020 09:34	WG1458227
Lead	31.7		0.500	1	04/10/2020 09:34	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:34	WG1458227
Silver	ND		1.00	1	04/10/2020 09:34	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 13:31	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 13:31	WG1457961
Benzene	ND		0.0250	1	04/09/2020 13:31	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 13:31	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
Bromoform	ND		0.625	1	04/09/2020 13:31	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 13:31	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 13:31	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 13:31	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 13:31	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 13:31	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 13:31	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 13:31	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 13:31	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 13:31	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 13:31	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 13:31	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 13:31	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 13:31	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 13:31	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 13:31	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 13:31	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 13:31	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 13:31	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 13:31	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 13:31	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 13:31	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 13:31	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 13:31	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 13:31	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 13:31	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 13:31	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 13:31	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 13:31	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 13:31	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 13:31	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 13:31	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 13:31	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 13:31	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 13:31	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 13:31	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 13:31	WG1457961
Propene	ND		1.25	1	04/09/2020 13:31	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
Styrene	ND		0.313	1	04/09/2020 13:31	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 13:31	WG1457961
Toluene	ND		0.125	1	04/09/2020 13:31	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 13:31	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 13:31	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 13:31	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 13:31	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 13:31	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 13:31	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 13:31	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 13:31	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 13:31	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 13:31*	WG1457961
(S) 4-Bromofluorobenzene	*90.0*		*67.0-138*		*04/09/2020 13:31*	WG1457961
(S) 1,2-Dichloroethane-d4	*73.8*		*70.0-130*		*04/09/2020 13:31*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 00:00	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 00:00	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 00:00	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 00:00	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 00:00	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 00:00	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 00:00	WG1461948
(S) Decachlorobiphenyl	*116*		*10.0-135*		*04/18/2020 00:00*	WG1461948
(S) Tetrachloro-m-xylene	*107*		*10.0-139*		*04/18/2020 00:00*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Benzo(b)fluoranthene	0.00974		0.00600	1	04/14/2020 02:56	WG1459541
Benzo(g,h,i)perylene	0.00633		0.00600	1	04/14/2020 02:56	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Chrysene	0.00727		0.00600	1	04/14/2020 02:56	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Fluoranthene	0.0105		0.00600	1	04/14/2020 02:56	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 02:56	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 02:56	WG1459541
Pyrene	0.00878		0.00600	1	04/14/2020 02:56	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 02:56	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 02:56	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 02:56	WG1459541
(S) p-Terphenyl-d14	*82.8*		*23.0-120*		*04/14/2020 02:56*	WG1459541
(S) Nitrobenzene-d5	*94.0*		*14.0-149*		*04/14/2020 02:56*	WG1459541
(S) 2-Fluorobiphenyl	*82.8*		*34.0-125*		*04/14/2020 02:56*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0831		0.0400	1	04/10/2020 08:04	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.52		2.00	1	04/10/2020 09:36	WG1458227
Barium	133		0.500	1	04/10/2020 09:36	WG1458227
Cadmium	1.08		0.500	1	04/10/2020 09:36	WG1458227
Chromium	14.8		1.00	1	04/10/2020 09:36	WG1458227
Lead	151		0.500	1	04/10/2020 09:36	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:36	WG1458227
Silver	ND		1.00	1	04/10/2020 09:36	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.26	1.01	04/09/2020 13:50	WG1457961
Acrylonitrile	ND		0.316	1.01	04/09/2020 13:50	WG1457961
Benzene	ND		0.0253	1.01	04/09/2020 13:50	WG1457961
Bromobenzene	ND		0.316	1.01	04/09/2020 13:50	WG1457961
Bromodichloromethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Bromoform	ND		0.631	1.01	04/09/2020 13:50	WG1457961
Bromomethane	ND		0.316	1.01	04/09/2020 13:50	WG1457961
1,3-Butadiene	ND		0.631	1.01	04/09/2020 13:50	WG1457961
n-Butylbenzene	ND	L2	0.316	1.01	04/09/2020 13:50	WG1457961
sec-Butylbenzene	ND		0.316	1.01	04/09/2020 13:50	WG1457961
tert-Butylbenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Carbon disulfide	ND		0.316	1.01	04/09/2020 13:50	WG1457961
Carbon tetrachloride	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Chlorobenzene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Chlorodibromomethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Chloroethane	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Chloroform	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Chloromethane	ND		0.316	1.01	04/09/2020 13:50	WG1457961
2-Chlorotoluene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
4-Chlorotoluene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Cyclohexane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.631	1.01	04/09/2020 13:50	WG1457961
1,2-Dibromoethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Dibromomethane	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,2-Dichlorobenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,3-Dichlorobenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,4-Dichlorobenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Dichlorodifluoromethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,1-Dichloroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,2-Dichloroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,1-Dichloroethene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
cis-1,2-Dichloroethene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
trans-1,2-Dichloroethene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,2-Dichloropropane	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,1-Dichloropropene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,3-Dichloropropane	ND		0.126	1.01	04/09/2020 13:50	WG1457961
cis-1,3-Dichloropropene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
trans-1,3-Dichloropropene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
2,2-Dichloropropane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.316	1.01	04/09/2020 13:50	WG1457961
Di-isopropyl ether	ND		0.0253	1.01	04/09/2020 13:50	WG1457961
Ethylbenzene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
4-Ethyltoluene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Hexachloro-1,3-butadiene	ND		0.631	1.01	04/09/2020 13:50	WG1457961
n-Hexane	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Isopropylbenzene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
p-Isopropyltoluene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
2-Butanone (MEK)	ND		2.53	1.01	04/09/2020 13:50	WG1457961
Methylene Chloride	ND		0.631	1.01	04/09/2020 13:50	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.631	1.01	04/09/2020 13:50	WG1457961
Methyl tert-butyl ether	ND		0.0253	1.01	04/09/2020 13:50	WG1457961
Methyl Cyclohexane	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Naphthalene	ND		0.316	1.01	04/09/2020 13:50	WG1457961
Propene	ND		1.26	1.01	04/09/2020 13:50	WG1457961
n-Propylbenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Styrene	ND		0.316	1.01	04/09/2020 13:50	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Tetrachloroethene	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Toluene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,2,3-Trichlorobenzene	ND		0.316	1.01	04/09/2020 13:50	WG1457961
1,2,4-Trichlorobenzene	ND		0.316	1.01	04/09/2020 13:50	WG1457961
1,1,1-Trichloroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,1,2-Trichloroethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Trichloroethene	ND		0.0253	1.01	04/09/2020 13:50	WG1457961
Trichlorofluoromethane	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
1,2,3-Trichloropropane	ND		0.316	1.01	04/09/2020 13:50	WG1457961
1,2,4-Trimethylbenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.126	1.01	04/09/2020 13:50	WG1457961
1,3,5-Trimethylbenzene	ND		0.126	1.01	04/09/2020 13:50	WG1457961
Vinyl chloride	ND		0.0631	1.01	04/09/2020 13:50	WG1457961
Xylenes, Total	ND		0.164	1.01	04/09/2020 13:50	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 13:50*	WG1457961
(S) 4-Bromofluorobenzene	*90.0*		*67.0-138*		*04/09/2020 13:50*	WG1457961
(S) 1,2-Dichloroethane-d4	*73.1*		*70.0-130*		*04/09/2020 13:50*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 00:12	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 00:12	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 00:12	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 00:12	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 00:12	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 00:12	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 00:12	WG1461948
(S) Decachlorobiphenyl	*117*		*10.0-135*		*04/18/2020 00:12*	WG1461948
(S) Tetrachloro-m-xylene	*108*		*10.0-139*		*04/18/2020 00:12*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0181		0.00600	1	04/14/2020 07:46	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 07:46	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 07:46	WG1459541
Benzo(a)anthracene	0.0355		0.00600	1	04/14/2020 07:46	WG1459541
Benzo(a)pyrene	0.0451		0.00600	1	04/14/2020 07:46	WG1459541
Benzo(b)fluoranthene	0.0964		0.00600	1	04/14/2020 07:46	WG1459541
Benzo(g,h,i)perylene	0.0632		0.00600	1	04/14/2020 07:46	WG1459541
Benzo(k)fluoranthene	0.0295		0.00600	1	04/14/2020 07:46	WG1459541
Chrysene	0.0715		0.00600	1	04/14/2020 07:46	WG1459541
Dibenz(a,h)anthracene	0.0128		0.00600	1	04/14/2020 07:46	WG1459541
Fluoranthene	0.121		0.00600	1	04/14/2020 07:46	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 07:46	WG1459541
Indeno(1,2,3-cd)pyrene	0.0505		0.00600	1	04/14/2020 07:46	WG1459541
Naphthalene	0.0312		0.0200	1	04/14/2020 07:46	WG1459541
Phenanthrene	0.0849		0.00600	1	04/14/2020 07:46	WG1459541
Pyrene	0.0965		0.00600	1	04/14/2020 07:46	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 07:46	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 07:46	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 07:46	WG1459541
(S) p-Terphenyl-d14	*77.5*		*23.0-120*		*04/14/2020 07:46*	WG1459541
(S) Nitrobenzene-d5	*82.1*		*14.0-149*		*04/14/2020 07:46*	WG1459541
(S) 2-Fluorobiphenyl	*74.1*		*34.0-125*		*04/14/2020 07:46*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 08:06	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.85		2.00	1	04/10/2020 09:39	WG1458227
Barium	104		0.500	1	04/10/2020 09:39	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:39	WG1458227
Chromium	11.0		1.00	1	04/10/2020 09:39	WG1458227
Lead	14.7		0.500	1	04/10/2020 09:39	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:39	WG1458227
Silver	ND		1.00	1	04/10/2020 09:39	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.35	1.08	04/09/2020 14:08	WG1457961
Acrylonitrile	ND		0.338	1.08	04/09/2020 14:08	WG1457961
Benzene	ND		0.0270	1.08	04/09/2020 14:08	WG1457961
Bromobenzene	ND		0.338	1.08	04/09/2020 14:08	WG1457961
Bromodichloromethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Bromoform	ND		0.675	1.08	04/09/2020 14:08	WG1457961
Bromomethane	ND		0.338	1.08	04/09/2020 14:08	WG1457961
1,3-Butadiene	ND		0.675	1.08	04/09/2020 14:08	WG1457961
n-Butylbenzene	ND	L2	0.338	1.08	04/09/2020 14:08	WG1457961
sec-Butylbenzene	ND		0.338	1.08	04/09/2020 14:08	WG1457961
tert-Butylbenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Carbon disulfide	ND		0.338	1.08	04/09/2020 14:08	WG1457961
Carbon tetrachloride	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Chlorobenzene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Chlorodibromomethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Chloroethane	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Chloroform	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Chloromethane	ND		0.338	1.08	04/09/2020 14:08	WG1457961
2-Chlorotoluene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
4-Chlorotoluene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Cyclohexane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.675	1.08	04/09/2020 14:08	WG1457961
1,2-Dibromoethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Dibromomethane	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,2-Dichlorobenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,3-Dichlorobenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,4-Dichlorobenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Dichlorodifluoromethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,1-Dichloroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,2-Dichloroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,1-Dichloroethene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
cis-1,2-Dichloroethene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
trans-1,2-Dichloroethene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,2-Dichloropropane	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,1-Dichloropropene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,3-Dichloropropane	ND		0.135	1.08	04/09/2020 14:08	WG1457961
cis-1,3-Dichloropropene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
trans-1,3-Dichloropropene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
2,2-Dichloropropane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.338	1.08	04/09/2020 14:08	WG1457961
Di-isopropyl ether	ND		0.0270	1.08	04/09/2020 14:08	WG1457961
Ethylbenzene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
4-Ethyltoluene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Hexachloro-1,3-butadiene	ND		0.675	1.08	04/09/2020 14:08	WG1457961
n-Hexane	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Isopropylbenzene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
p-Isopropyltoluene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
2-Butanone (MEK)	ND		2.70	1.08	04/09/2020 14:08	WG1457961
Methylene Chloride	ND		0.675	1.08	04/09/2020 14:08	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.675	1.08	04/09/2020 14:08	WG1457961
Methyl tert-butyl ether	ND		0.0270	1.08	04/09/2020 14:08	WG1457961
Methyl Cyclohexane	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Naphthalene	ND		0.338	1.08	04/09/2020 14:08	WG1457961
Propene	ND		1.35	1.08	04/09/2020 14:08	WG1457961
n-Propylbenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Styrene	ND		0.338	1.08	04/09/2020 14:08	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Tetrachloroethene	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Toluene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,2,3-Trichlorobenzene	ND		0.338	1.08	04/09/2020 14:08	WG1457961
1,2,4-Trichlorobenzene	ND		0.338	1.08	04/09/2020 14:08	WG1457961
1,1,1-Trichloroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,1,2-Trichloroethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Trichloroethene	ND		0.0270	1.08	04/09/2020 14:08	WG1457961
Trichlorofluoromethane	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
1,2,3-Trichloropropane	ND		0.338	1.08	04/09/2020 14:08	WG1457961
1,2,4-Trimethylbenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.135	1.08	04/09/2020 14:08	WG1457961
1,3,5-Trimethylbenzene	ND		0.135	1.08	04/09/2020 14:08	WG1457961
Vinyl chloride	ND		0.0675	1.08	04/09/2020 14:08	WG1457961
Xylenes, Total	ND		0.176	1.08	04/09/2020 14:08	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 14:08*	WG1457961
(S) 4-Bromofluorobenzene	*89.3*		*67.0-138*		*04/09/2020 14:08*	WG1457961
(S) 1,2-Dichloroethane-d4	*74.4*		*70.0-130*		*04/09/2020 14:08*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 00:25	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 00:25	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 00:25	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 00:25	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 00:25	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 00:25	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 00:25	WG1461948
(S) Decachlorobiphenyl	*117*		*10.0-135*		*04/18/2020 00:25*	WG1461948
(S) Tetrachloro-m-xylene	*110*		*10.0-139*		*04/18/2020 00:25*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 03:17	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 03:17	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 03:17	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 03:17	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 03:17	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 03:17	WG1459541
(S) p-Terphenyl-d14	*72.9*		*23.0-120*		*04/14/2020 03:17*	WG1459541
(S) Nitrobenzene-d5	*78.7*		*14.0-149*		*04/14/2020 03:17*	WG1459541
(S) 2-Fluorobiphenyl	*70.8*		*34.0-125*		*04/14/2020 03:17*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 08:09	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.05		2.00	1	04/10/2020 09:41	WG1458227
Barium	175		0.500	1	04/10/2020 09:41	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:41	WG1458227
Chromium	12.5		1.00	1	04/10/2020 09:41	WG1458227
Lead	15.0		0.500	1	04/10/2020 09:41	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:41	WG1458227
Silver	ND		1.00	1	04/10/2020 09:41	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 14:27	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 14:27	WG1457961
Benzene	ND		0.0250	1	04/09/2020 14:27	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 14:27	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
Bromoform	ND		0.625	1	04/09/2020 14:27	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 14:27	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 14:27	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 14:27	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 14:27	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 14:27	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 14:27	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 14:27	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 14:27	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 14:27	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 14:27	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 14:27	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 14:27	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 14:27	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 14:27	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 14:27	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 14:27	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 14:27	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 14:27	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 14:27	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 14:27	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 14:27	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 14:27	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 14:27	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 14:27	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 14:27	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 14:27	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 14:27	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 14:27	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 14:27	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 14:27	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 14:27	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 14:27	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 14:27	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 14:27	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 14:27	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 14:27	WG1457961
Propene	ND		1.25	1	04/09/2020 14:27	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
Styrene	ND		0.313	1	04/09/2020 14:27	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 14:27	WG1457961
Toluene	ND		0.125	1	04/09/2020 14:27	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 14:27	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 14:27	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 14:27	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 14:27	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 14:27	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 14:27	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 14:27	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 14:27	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 14:27	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 14:27*	WG1457961
(S) 4-Bromofluorobenzene	*88.8*		*67.0-138*		*04/09/2020 14:27*	WG1457961
(S) 1,2-Dichloroethane-d4	*71.0*		*70.0-130*		*04/09/2020 14:27*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 00:37	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 00:37	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 00:37	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 00:37	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 00:37	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 00:37	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 00:37	WG1461948
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/18/2020 00:37*	WG1461948
(S) Tetrachloro-m-xylene	*107*		*10.0-139*		*04/18/2020 00:37*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 03:38	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 03:38	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 03:38	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 03:38	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 03:38	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 03:38	WG1459541
(S) p-Terphenyl-d14	*70.6*		*23.0-120*		*04/14/2020 03:38*	WG1459541
(S) Nitrobenzene-d5	*72.3*		*14.0-149*		*04/14/2020 03:38*	WG1459541
(S) 2-Fluorobiphenyl	*67.8*		*34.0-125*		*04/14/2020 03:38*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 07:26	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.76		2.00	1	04/10/2020 09:49	WG1458227
Barium	48.6		0.500	1	04/10/2020 09:49	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:49	WG1458227
Chromium	4.84		1.00	1	04/10/2020 09:49	WG1458227
Lead	8.03		0.500	1	04/10/2020 09:49	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:49	WG1458227
Silver	ND		1.00	1	04/10/2020 09:49	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 14:46	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 14:46	WG1457961
Benzene	ND		0.0250	1	04/09/2020 14:46	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 14:46	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
Bromoform	ND		0.625	1	04/09/2020 14:46	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 14:46	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 14:46	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 14:46	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 14:46	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 14:46	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 14:46	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 14:46	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 14:46	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 14:46	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 14:46	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 14:46	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 14:46	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 14:46	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 14:46	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 14:46	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 14:46	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 14:46	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 14:46	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 14:46	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 14:46	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 14:46	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 14:46	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 14:46	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 14:46	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 14:46	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 14:46	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 14:46	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 14:46	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 14:46	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 14:46	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 14:46	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 14:46	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 14:46	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 14:46	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 14:46	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 14:46	WG1457961
Propene	ND		1.25	1	04/09/2020 14:46	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
Styrene	ND		0.313	1	04/09/2020 14:46	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 14:46	WG1457961
Toluene	ND		0.125	1	04/09/2020 14:46	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 14:46	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 14:46	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 14:46	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 14:46	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 14:46	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 14:46	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 14:46	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 14:46	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 14:46	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 14:46*	WG1457961
(S) 4-Bromofluorobenzene	*90.9*		*67.0-138*		*04/09/2020 14:46*	WG1457961
(S) 1,2-Dichloroethane-d4	*73.1*		*70.0-130*		*04/09/2020 14:46*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 00:50	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 00:50	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 00:50	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 00:50	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 00:50	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 00:50	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 00:50	WG1461948
(S) Decachlorobiphenyl	*132*		*10.0-135*		*04/18/2020 00:50*	WG1461948
(S) Tetrachloro-m-xylene	*123*		*10.0-139*		*04/18/2020 00:50*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 03:58	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 03:58	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 03:58	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 03:58	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 03:58	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 03:58	WG1459541
(S) p-Terphenyl-d14	*93.8*		*23.0-120*		*04/14/2020 03:58*	WG1459541
(S) Nitrobenzene-d5	*107*		*14.0-149*		*04/14/2020 03:58*	WG1459541
(S) 2-Fluorobiphenyl	*93.5*		*34.0-125*		*04/14/2020 03:58*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 08:11	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.45		2.00	1	04/10/2020 09:52	WG1458227
Barium	44.1		0.500	1	04/10/2020 09:52	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:52	WG1458227
Chromium	1.86		1.00	1	04/10/2020 09:52	WG1458227
Lead	6.50		0.500	1	04/10/2020 09:52	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:52	WG1458227
Silver	ND		1.00	1	04/10/2020 09:52	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 15:05	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 15:05	WG1457961
Benzene	ND		0.0250	1	04/09/2020 15:05	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 15:05	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
Bromoform	ND		0.625	1	04/09/2020 15:05	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 15:05	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 15:05	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 15:05	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 15:05	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 15:05	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 15:05	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 15:05	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 15:05	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 15:05	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 15:05	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 15:05	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 15:05	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 15:05	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 15:05	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 15:05	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 15:05	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 15:05	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 15:05	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 15:05	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 15:05	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 15:05	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 15:05	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 15:05	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 15:05	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 15:05	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 15:05	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 15:05	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 15:05	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 15:05	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 15:05	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 15:05	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 15:05	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 15:05	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 15:05	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 15:05	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 15:05	WG1457961
Propene	ND		1.25	1	04/09/2020 15:05	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
Styrene	ND		0.313	1	04/09/2020 15:05	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 15:05	WG1457961
Toluene	ND		0.125	1	04/09/2020 15:05	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 15:05	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 15:05	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 15:05	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 15:05	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 15:05	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 15:05	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 15:05	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 15:05	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 15:05	WG1457961
(S) Toluene-d8	*118*		*75.0-131*		*04/09/2020 15:05*	WG1457961
(S) 4-Bromofluorobenzene	*90.2*		*67.0-138*		*04/09/2020 15:05*	WG1457961
(S) 1,2-Dichloroethane-d4	*76.9*		*70.0-130*		*04/09/2020 15:05*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 01:03	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 01:03	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 01:03	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 01:03	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 01:03	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 01:03	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 01:03	WG1461948
(S) Decachlorobiphenyl	*129*		*10.0-135*		*04/18/2020 01:03*	WG1461948
(S) Tetrachloro-m-xylene	*120*		*10.0-139*		*04/18/2020 01:03*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 04:19	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 04:19	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 04:19	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 04:19	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 04:19	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 04:19	WG1459541
(S) p-Terphenyl-d14	*89.7*		*23.0-120*		*04/14/2020 04:19*	WG1459541
(S) Nitrobenzene-d5	*95.8*		*14.0-149*		*04/14/2020 04:19*	WG1459541
(S) 2-Fluorobiphenyl	*86.9*		*34.0-125*		*04/14/2020 04:19*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 08:18	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.31		2.00	1	04/10/2020 09:54	WG1458227
Barium	60.2		0.500	1	04/10/2020 09:54	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:54	WG1458227
Chromium	12.6		1.00	1	04/10/2020 09:54	WG1458227
Lead	5.69		0.500	1	04/10/2020 09:54	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:54	WG1458227
Silver	ND		1.00	1	04/10/2020 09:54	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/09/2020 15:24	WG1457961
Acrylonitrile	ND		0.313	1	04/09/2020 15:24	WG1457961
Benzene	ND		0.0250	1	04/09/2020 15:24	WG1457961
Bromobenzene	ND		0.313	1	04/09/2020 15:24	WG1457961
Bromodichloromethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
Bromoform	ND		0.625	1	04/09/2020 15:24	WG1457961
Bromomethane	ND		0.313	1	04/09/2020 15:24	WG1457961
1,3-Butadiene	ND		0.625	1	04/09/2020 15:24	WG1457961
n-Butylbenzene	ND	L2	0.313	1	04/09/2020 15:24	WG1457961
sec-Butylbenzene	ND		0.313	1	04/09/2020 15:24	WG1457961
tert-Butylbenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
Carbon disulfide	ND		0.313	1	04/09/2020 15:24	WG1457961
Carbon tetrachloride	ND		0.125	1	04/09/2020 15:24	WG1457961
Chlorobenzene	ND		0.0625	1	04/09/2020 15:24	WG1457961
Chlorodibromomethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
Chloroethane	ND		0.125	1	04/09/2020 15:24	WG1457961
Chloroform	ND		0.0625	1	04/09/2020 15:24	WG1457961
Chloromethane	ND		0.313	1	04/09/2020 15:24	WG1457961
2-Chlorotoluene	ND		0.0625	1	04/09/2020 15:24	WG1457961
4-Chlorotoluene	ND		0.125	1	04/09/2020 15:24	WG1457961
Cyclohexane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 15:24	WG1457961
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
Dibromomethane	ND		0.125	1	04/09/2020 15:24	WG1457961
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 15:24	WG1457961
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 15:24	WG1457961
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 15:24	WG1457961
1,2-Dichloropropane	ND		0.125	1	04/09/2020 15:24	WG1457961
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,3-Dichloropropane	ND		0.125	1	04/09/2020 15:24	WG1457961
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 15:24	WG1457961
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 15:24	WG1457961
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 15:24	WG1457961

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND	L2	0.313	1	04/09/2020 15:24	WG1457961
Di-isopropyl ether	ND		0.0250	1	04/09/2020 15:24	WG1457961
Ethylbenzene	ND		0.0625	1	04/09/2020 15:24	WG1457961
4-Ethyltoluene	ND		0.125	1	04/09/2020 15:24	WG1457961
Hexachloro-1,3-butadiene	ND		0.625	1	04/09/2020 15:24	WG1457961
n-Hexane	ND		0.125	1	04/09/2020 15:24	WG1457961
Isopropylbenzene	ND		0.0625	1	04/09/2020 15:24	WG1457961
p-Isopropyltoluene	ND		0.125	1	04/09/2020 15:24	WG1457961
2-Butanone (MEK)	ND		2.50	1	04/09/2020 15:24	WG1457961
Methylene Chloride	ND		0.625	1	04/09/2020 15:24	WG1457961
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 15:24	WG1457961
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 15:24	WG1457961
Methyl Cyclohexane	ND		0.125	1	04/09/2020 15:24	WG1457961
Naphthalene	ND		0.313	1	04/09/2020 15:24	WG1457961
Propene	ND		1.25	1	04/09/2020 15:24	WG1457961
n-Propylbenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
Styrene	ND		0.313	1	04/09/2020 15:24	WG1457961
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
Tetrachloroethene	ND		0.0625	1	04/09/2020 15:24	WG1457961
Toluene	ND		0.125	1	04/09/2020 15:24	WG1457961
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 15:24	WG1457961
1,2,4-Trichlorobenzene	ND		0.313	1	04/09/2020 15:24	WG1457961
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
Trichloroethene	ND		0.0250	1	04/09/2020 15:24	WG1457961
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 15:24	WG1457961
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 15:24	WG1457961
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
1,2,3-Trimethylbenzene	ND	L2	0.125	1	04/09/2020 15:24	WG1457961
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 15:24	WG1457961
Vinyl chloride	ND		0.0625	1	04/09/2020 15:24	WG1457961
Xylenes, Total	ND		0.163	1	04/09/2020 15:24	WG1457961
(S) Toluene-d8	*117*		*75.0-131*		*04/09/2020 15:24*	WG1457961
(S) 4-Bromofluorobenzene	*91.0*		*67.0-138*		*04/09/2020 15:24*	WG1457961
(S) 1,2-Dichloroethane-d4	*76.6*		*70.0-130*		*04/09/2020 15:24*	WG1457961

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 01:15	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 01:15	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 01:15	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 01:15	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 01:15	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 01:15	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 01:15	WG1461948
(S) Decachlorobiphenyl	*137*	S4	*10.0-135*		*04/18/2020 01:15*	WG1461948
(S) Tetrachloro-m-xylene	*124*		*10.0-139*		*04/18/2020 01:15*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 04:40	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 04:40	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 04:40	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 04:40	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 04:40	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 04:40	WG1459541
(S) p-Terphenyl-d14	*91.8*		*23.0-120*		*04/14/2020 04:40*	WG1459541
(S) Nitrobenzene-d5	*102*		*14.0-149*		*04/14/2020 04:40*	WG1459541
(S) 2-Fluorobiphenyl	*91.7*		*34.0-125*		*04/14/2020 04:40*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 08:20	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/10/2020 09:57	WG1458227
Barium	116		0.500	1	04/10/2020 09:57	WG1458227
Cadmium	ND		0.500	1	04/10/2020 09:57	WG1458227
Chromium	18.7		1.00	1	04/10/2020 09:57	WG1458227
Lead	28.2		0.500	1	04/10/2020 09:57	WG1458227
Selenium	ND		2.00	1	04/10/2020 09:57	WG1458227
Silver	ND		1.00	1	04/10/2020 09:57	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 11:20	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 11:20	WG1458046
Benzene	ND		0.0250	1	04/09/2020 11:20	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 11:20	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
Bromoform	ND		0.625	1	04/09/2020 11:20	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 11:20	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 11:20	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 11:20	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:20	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 11:20	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:20	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 11:20	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 11:20	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 11:20	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 11:20	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:20	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:20	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:20	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 11:20	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:20	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:20	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:20	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:20	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:20	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:20	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:20	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:20	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 11:20	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:20	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 11:20	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:20	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 11:20	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 11:20	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:20	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:20	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 11:20	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 11:20	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:20	WG1458046
Methyl tert-butyl ether	0.0354		0.0250	1	04/09/2020 11:20	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:20	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 11:20	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 11:20	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
Styrene	ND		0.313	1	04/09/2020 11:20	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:20	WG1458046
Toluene	ND		0.125	1	04/09/2020 11:20	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:20	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 11:20	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 11:20	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:20	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:20	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:20	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 11:20	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 11:20	WG1458046
(S) Toluene-d8	*105*		*75.0-131*		*04/09/2020 11:20*	WG1458046
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 11:20*	WG1458046
(S) 1,2-Dichloroethane-d4	*93.5*		*70.0-130*		*04/09/2020 11:20*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 02:05	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 02:05	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 02:05	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 02:05	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 02:05	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 02:05	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 02:05	WG1461948
(S) Decachlorobiphenyl	*120*		*10.0-135*		*04/18/2020 02:05*	WG1461948
(S) Tetrachloro-m-xylene	*112*		*10.0-139*		*04/18/2020 02:05*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 05:00	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 05:00	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 05:00	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 05:00	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 05:00	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 05:00	WG1459541
(S) p-Terphenyl-d14	*63.0*		*23.0-120*		*04/14/2020 05:00*	WG1459541
(S) Nitrobenzene-d5	*99.4*		*14.0-149*		*04/14/2020 05:00*	WG1459541
(S) 2-Fluorobiphenyl	*72.0*		*34.0-125*		*04/14/2020 05:00*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/10/2020 08:23	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/10/2020 10:00	WG1458227
Barium	66.1		0.500	1	04/10/2020 10:00	WG1458227
Cadmium	ND		0.500	1	04/10/2020 10:00	WG1458227
Chromium	13.5		1.00	1	04/10/2020 10:00	WG1458227
Lead	12.9		0.500	1	04/10/2020 10:00	WG1458227
Selenium	ND		2.00	1	04/10/2020 10:00	WG1458227
Silver	ND		1.00	1	04/10/2020 10:00	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 11:39	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 11:39	WG1458046
Benzene	ND		0.0250	1	04/09/2020 11:39	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 11:39	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
Bromoform	ND		0.625	1	04/09/2020 11:39	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 11:39	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 11:39	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 11:39	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 11:39	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 11:39	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 11:39	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 11:39	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 11:39	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 11:39	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 11:39	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 11:39	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 11:39	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 11:39	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 11:39	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 11:39	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 11:39	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 11:39	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 11:39	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 11:39	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 11:39	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 11:39	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 11:39	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 11:39	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 11:39	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 11:39	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 11:39	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 11:39	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 11:39	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 11:39	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 11:39	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 11:39	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 11:39	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 11:39	WG1458046
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 11:39	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 11:39	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 11:39	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 11:39	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
Styrene	ND		0.313	1	04/09/2020 11:39	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 11:39	WG1458046
Toluene	ND		0.125	1	04/09/2020 11:39	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 11:39	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 11:39	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 11:39	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 11:39	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 11:39	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 11:39	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 11:39	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 11:39	WG1458046
(S) Toluene-d8	*106*		*75.0-131*		*04/09/2020 11:39*	WG1458046
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 11:39*	WG1458046
(S) 1,2-Dichloroethane-d4	*95.9*		*70.0-130*		*04/09/2020 11:39*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 02:18	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 02:18	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 02:18	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 02:18	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 02:18	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 02:18	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 02:18	WG1461948
(S) Decachlorobiphenyl	*120*		*10.0-135*		*04/18/2020 02:18*	WG1461948
(S) Tetrachloro-m-xylene	*111*		*10.0-139*		*04/18/2020 02:18*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 05:21	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 05:21	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 05:21	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 05:21	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 05:21	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 05:21	WG1459541
(S) p-Terphenyl-d14	*72.8*		*23.0-120*		*04/14/2020 05:21*	WG1459541
(S) Nitrobenzene-d5	*86.5*		*14.0-149*		*04/14/2020 05:21*	WG1459541
(S) 2-Fluorobiphenyl	*74.8*		*34.0-125*		*04/14/2020 05:21*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0562		0.0400	1	04/10/2020 08:25	WG1458286

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.37		2.00	1	04/10/2020 10:02	WG1458227
Barium	114		0.500	1	04/10/2020 10:02	WG1458227
Cadmium	0.549		0.500	1	04/10/2020 10:02	WG1458227
Chromium	9.65		1.00	1	04/10/2020 10:02	WG1458227
Lead	25.1		0.500	1	04/10/2020 10:02	WG1458227
Selenium	ND		2.00	1	04/10/2020 10:02	WG1458227
Silver	ND		1.00	1	04/10/2020 10:02	WG1458227

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.688	1.1	04/09/2020 11:58	WG1458046
Acrylonitrile	ND	R7	0.344	1.1	04/09/2020 11:58	WG1458046
Benzene	ND		0.0275	1.1	04/09/2020 11:58	WG1458046
Bromobenzene	ND		0.344	1.1	04/09/2020 11:58	WG1458046
Bromodichloromethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Bromoform	ND		0.688	1.1	04/09/2020 11:58	WG1458046
Bromomethane	ND		0.344	1.1	04/09/2020 11:58	WG1458046
1,3-Butadiene	ND		0.688	1.1	04/09/2020 11:58	WG1458046
n-Butylbenzene	ND		0.344	1.1	04/09/2020 11:58	WG1458046
sec-Butylbenzene	ND		0.344	1.1	04/09/2020 11:58	WG1458046
tert-Butylbenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Carbon disulfide	ND		0.344	1.1	04/09/2020 11:58	WG1458046
Carbon tetrachloride	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Chlorobenzene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Chlorodibromomethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Chloroethane	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Chloroform	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Chloromethane	ND		0.344	1.1	04/09/2020 11:58	WG1458046
2-Chlorotoluene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
4-Chlorotoluene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Cyclohexane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.688	1.1	04/09/2020 11:58	WG1458046
1,2-Dibromoethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Dibromomethane	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,2-Dichlorobenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,3-Dichlorobenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,4-Dichlorobenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Dichlorodifluoromethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,1-Dichloroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,2-Dichloroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,1-Dichloroethene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
cis-1,2-Dichloroethene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
trans-1,2-Dichloroethene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,2-Dichloropropane	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,1-Dichloropropene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,3-Dichloropropane	ND		0.138	1.1	04/09/2020 11:58	WG1458046
cis-1,3-Dichloropropene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
trans-1,3-Dichloropropene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
2,2-Dichloropropane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.344	1.1	04/09/2020 11:58	WG1458046
Di-isopropyl ether	ND		0.0275	1.1	04/09/2020 11:58	WG1458046
Ethylbenzene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
4-Ethyltoluene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.688	1.1	04/09/2020 11:58	WG1458046
n-Hexane	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Isopropylbenzene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
p-Isopropyltoluene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
2-Butanone (MEK)	ND		0.688	1.1	04/09/2020 11:58	WG1458046
Methylene Chloride	ND		0.688	1.1	04/09/2020 11:58	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.688	1.1	04/09/2020 11:58	WG1458046
Methyl tert-butyl ether	ND		0.0275	1.1	04/09/2020 11:58	WG1458046
Methyl Cyclohexane	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Naphthalene	ND	L1	0.344	1.1	04/09/2020 11:58	WG1458046
Propene	ND	L1	1.38	1.1	04/09/2020 11:58	WG1458046
n-Propylbenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Styrene	ND		0.344	1.1	04/09/2020 11:58	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Tetrachloroethene	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Toluene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,2,3-Trichlorobenzene	ND		0.344	1.1	04/09/2020 11:58	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.344	1.1	04/09/2020 11:58	WG1458046
1,1,1-Trichloroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,1,2-Trichloroethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Trichloroethene	ND		0.0275	1.1	04/09/2020 11:58	WG1458046
Trichlorofluoromethane	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
1,2,3-Trichloropropane	ND		0.344	1.1	04/09/2020 11:58	WG1458046
1,2,4-Trimethylbenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,2,3-Trimethylbenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
1,3,5-Trimethylbenzene	ND		0.138	1.1	04/09/2020 11:58	WG1458046
Vinyl chloride	ND		0.0688	1.1	04/09/2020 11:58	WG1458046
Xylenes, Total	ND		0.179	1.1	04/09/2020 11:58	WG1458046
(S) Toluene-d8	*106*		*75.0-131*		*04/09/2020 11:58*	WG1458046
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/09/2020 11:58*	WG1458046
(S) 1,2-Dichloroethane-d4	*90.9*		*70.0-130*		*04/09/2020 11:58*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 02:30	WG1461948
PCB 1221	ND		0.0340	1	04/18/2020 02:30	WG1461948
PCB 1232	ND		0.0340	1	04/18/2020 02:30	WG1461948
PCB 1242	ND		0.0340	1	04/18/2020 02:30	WG1461948
PCB 1248	ND		0.0170	1	04/18/2020 02:30	WG1461948
PCB 1254	ND		0.0170	1	04/18/2020 02:30	WG1461948
PCB 1260	ND		0.0170	1	04/18/2020 02:30	WG1461948
(S) Decachlorobiphenyl	*116*		*10.0-135*		*04/18/2020 02:30*	WG1461948
(S) Tetrachloro-m-xylene	*106*		*10.0-139*		*04/18/2020 02:30*	WG1461948

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Benzo(a)anthracene	0.00603		0.00600	1	04/14/2020 07:25	WG1459541
Benzo(a)pyrene	0.00710		0.00600	1	04/14/2020 07:25	WG1459541
Benzo(b)fluoranthene	0.0115		0.00600	1	04/14/2020 07:25	WG1459541
Benzo(g,h,i)perylene	0.00811		0.00600	1	04/14/2020 07:25	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Chrysene	0.00919		0.00600	1	04/14/2020 07:25	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Fluoranthene	0.0133		0.00600	1	04/14/2020 07:25	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Indeno(1,2,3-cd)pyrene	0.00612		0.00600	1	04/14/2020 07:25	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 07:25	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 07:25	WG1459541
Pyrene	0.0117		0.00600	1	04/14/2020 07:25	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 07:25	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 07:25	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 07:25	WG1459541
(S) p-Terphenyl-d14	*79.5*		*23.0-120*		*04/14/2020 07:25*	WG1459541
(S) Nitrobenzene-d5	*93.0*		*14.0-149*		*04/14/2020 07:25*	WG1459541
(S) 2-Fluorobiphenyl	*80.5*		*34.0-125*		*04/14/2020 07:25*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0644		0.0400	1	04/09/2020 18:14	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.81		2.00	1	04/10/2020 11:41	WG1458229
Barium	106		0.500	1	04/10/2020 11:41	WG1458229
Cadmium	ND		0.500	1	04/10/2020 11:41	WG1458229
Chromium	9.97		1.00	1	04/10/2020 11:41	WG1458229
Lead	27.9		0.500	1	04/10/2020 11:41	WG1458229
Selenium	ND		2.00	1	04/10/2020 11:41	WG1458229
Silver	ND		1.00	1	04/10/2020 11:41	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.656	1.05	04/09/2020 12:17	WG1458046
Acrylonitrile	ND	R7	0.328	1.05	04/09/2020 12:17	WG1458046
Benzene	ND		0.0263	1.05	04/09/2020 12:17	WG1458046
Bromobenzene	ND		0.328	1.05	04/09/2020 12:17	WG1458046
Bromodichloromethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Bromoform	ND		0.656	1.05	04/09/2020 12:17	WG1458046
Bromomethane	ND		0.328	1.05	04/09/2020 12:17	WG1458046
1,3-Butadiene	ND		0.656	1.05	04/09/2020 12:17	WG1458046
n-Butylbenzene	ND		0.328	1.05	04/09/2020 12:17	WG1458046
sec-Butylbenzene	ND		0.328	1.05	04/09/2020 12:17	WG1458046
tert-Butylbenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Carbon disulfide	ND		0.328	1.05	04/09/2020 12:17	WG1458046
Carbon tetrachloride	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Chlorobenzene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Chlorodibromomethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Chloroethane	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Chloroform	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Chloromethane	ND		0.328	1.05	04/09/2020 12:17	WG1458046
2-Chlorotoluene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
4-Chlorotoluene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Cyclohexane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.656	1.05	04/09/2020 12:17	WG1458046
1,2-Dibromoethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Dibromomethane	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,2-Dichlorobenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,3-Dichlorobenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,4-Dichlorobenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Dichlorodifluoromethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,1-Dichloroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,2-Dichloroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,1-Dichloroethene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
cis-1,2-Dichloroethene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
trans-1,2-Dichloroethene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,2-Dichloropropane	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,1-Dichloropropene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,3-Dichloropropane	ND		0.131	1.05	04/09/2020 12:17	WG1458046
cis-1,3-Dichloropropene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
trans-1,3-Dichloropropene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
2,2-Dichloropropane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.328	1.05	04/09/2020 12:17	WG1458046
Di-isopropyl ether	ND		0.0263	1.05	04/09/2020 12:17	WG1458046
Ethylbenzene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
4-Ethyltoluene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.656	1.05	04/09/2020 12:17	WG1458046
n-Hexane	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Isopropylbenzene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
p-Isopropyltoluene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
2-Butanone (MEK)	ND		0.656	1.05	04/09/2020 12:17	WG1458046
Methylene Chloride	ND		0.656	1.05	04/09/2020 12:17	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.656	1.05	04/09/2020 12:17	WG1458046
Methyl tert-butyl ether	ND		0.0263	1.05	04/09/2020 12:17	WG1458046
Methyl Cyclohexane	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Naphthalene	ND	L1	0.328	1.05	04/09/2020 12:17	WG1458046
Propene	ND	L1	1.31	1.05	04/09/2020 12:17	WG1458046
n-Propylbenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Styrene	ND		0.328	1.05	04/09/2020 12:17	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Tetrachloroethene	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Toluene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,2,3-Trichlorobenzene	ND		0.328	1.05	04/09/2020 12:17	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.328	1.05	04/09/2020 12:17	WG1458046
1,1,1-Trichloroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,1,2-Trichloroethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Trichloroethene	ND		0.0263	1.05	04/09/2020 12:17	WG1458046
Trichlorofluoromethane	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
1,2,3-Trichloropropane	ND		0.328	1.05	04/09/2020 12:17	WG1458046
1,2,4-Trimethylbenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,2,3-Trimethylbenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
1,3,5-Trimethylbenzene	ND		0.131	1.05	04/09/2020 12:17	WG1458046
Vinyl chloride	ND		0.0656	1.05	04/09/2020 12:17	WG1458046
Xylenes, Total	ND		0.171	1.05	04/09/2020 12:17	WG1458046
(S) Toluene-d8	*105*		*75.0-131*		*04/09/2020 12:17*	WG1458046
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 12:17*	WG1458046
(S) 1,2-Dichloroethane-d4	*92.9*		*70.0-130*		*04/09/2020 12:17*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 14:44	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 14:44	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 14:44	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 14:44	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 14:44	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 14:44	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 14:44	WG1461949
(S) Decachlorobiphenyl	*88.6*		*10.0-135*		*04/19/2020 14:44*	WG1461949
(S) Tetrachloro-m-xylene	*93.2*		*10.0-139*		*04/19/2020 14:44*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 05:42	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 05:42	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 05:42	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 05:42	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 05:42	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 05:42	WG1459541
(S) p-Terphenyl-d14	*75.9*		*23.0-120*		*04/14/2020 05:42*	WG1459541
(S) Nitrobenzene-d5	*89.2*		*14.0-149*		*04/14/2020 05:42*	WG1459541
(S) 2-Fluorobiphenyl	*79.7*		*34.0-125*		*04/14/2020 05:42*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:16	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.59		2.00	1	04/10/2020 11:43	WG1458229
Barium	123		0.500	1	04/10/2020 11:43	WG1458229
Cadmium	ND		0.500	1	04/10/2020 11:43	WG1458229
Chromium	12.3		1.00	1	04/10/2020 11:43	WG1458229
Lead	23.7		0.500	1	04/10/2020 11:43	WG1458229
Selenium	ND		2.00	1	04/10/2020 11:43	WG1458229
Silver	ND		1.00	1	04/10/2020 11:43	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 15:46	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 15:46	WG1458046
Benzene	ND		0.0250	1	04/09/2020 15:46	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 15:46	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
Bromoform	ND		0.625	1	04/09/2020 15:46	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 15:46	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 15:46	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 15:46	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 15:46	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 15:46	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 15:46	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 15:46	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 15:46	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 15:46	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 15:46	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 15:46	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 15:46	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 15:46	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 15:46	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 15:46	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 15:46	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 15:46	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 15:46	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 15:46	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 15:46	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 15:46	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 15:46	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 15:46	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 15:46	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 15:46	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 15:46	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 15:46	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 15:46	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 15:46	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 15:46	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 15:46	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 15:46	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 15:46	WG1458046
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 15:46	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 15:46	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 15:46	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 15:46	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
Styrene	ND		0.313	1	04/09/2020 15:46	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 15:46	WG1458046
Toluene	ND		0.125	1	04/09/2020 15:46	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 15:46	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 15:46	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 15:46	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 15:46	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 15:46	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 15:46	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 15:46	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 15:46	WG1458046
(S) Toluene-d8	*106*		*75.0-131*		*04/09/2020 15:46*	WG1458046
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 15:46*	WG1458046
(S) 1,2-Dichloroethane-d4	*91.6*		*70.0-130*		*04/09/2020 15:46*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 14:58	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 14:58	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 14:58	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 14:58	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 14:58	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 14:58	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 14:58	WG1461949
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/19/2020 14:58*	WG1461949
(S) Tetrachloro-m-xylene	*101*		*10.0-139*		*04/19/2020 14:58*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 06:02	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 06:02	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 06:02	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 06:02	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 06:02	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 06:02	WG1459541
(S) p-Terphenyl-d14	*90.7*		*23.0-120*		*04/14/2020 06:02*	WG1459541
(S) Nitrobenzene-d5	*103*		*14.0-149*		*04/14/2020 06:02*	WG1459541
(S) 2-Fluorobiphenyl	*90.9*		*34.0-125*		*04/14/2020 06:02*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:17	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.00		2.00	1	04/10/2020 11:46	WG1458229
Barium	157		0.500	1	04/10/2020 11:46	WG1458229
Cadmium	ND		0.500	1	04/10/2020 11:46	WG1458229
Chromium	9.25		1.00	1	04/10/2020 11:46	WG1458229
Lead	17.6		0.500	1	04/10/2020 11:46	WG1458229
Selenium	ND		2.00	1	04/10/2020 11:46	WG1458229
Silver	ND		1.00	1	04/10/2020 11:46	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 16:05	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 16:05	WG1458046
Benzene	ND		0.0250	1	04/09/2020 16:05	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 16:05	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
Bromoform	ND		0.625	1	04/09/2020 16:05	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 16:05	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 16:05	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 16:05	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 16:05	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 16:05	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 16:05	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 16:05	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 16:05	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 16:05	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 16:05	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 16:05	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 16:05	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 16:05	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 16:05	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 16:05	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 16:05	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 16:05	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 16:05	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 16:05	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 16:05	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 16:05	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 16:05	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 16:05	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 16:05	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 16:05	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 16:05	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 16:05	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 16:05	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 16:05	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 16:05	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 16:05	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 16:05	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 16:05	WG1458046
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 16:05	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 16:05	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 16:05	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 16:05	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
Styrene	ND		0.313	1	04/09/2020 16:05	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 16:05	WG1458046
Toluene	ND		0.125	1	04/09/2020 16:05	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 16:05	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 16:05	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 16:05	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 16:05	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 16:05	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 16:05	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 16:05	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 16:05	WG1458046
(S) Toluene-d8	*108*		*75.0-131*		*04/09/2020 16:05*	WG1458046
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/09/2020 16:05*	WG1458046
(S) 1,2-Dichloroethane-d4	*88.4*		*70.0-130*		*04/09/2020 16:05*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 15:13	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 15:13	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 15:13	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 15:13	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 15:13	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 15:13	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 15:13	WG1461949
(S) Decachlorobiphenyl	*91.7*		*10.0-135*		*04/19/2020 15:13*	WG1461949
(S) Tetrachloro-m-xylene	*85.9*		*10.0-139*		*04/19/2020 15:13*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 07:04	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 07:04	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 07:04	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 07:04	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 07:04	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 07:04	WG1459541
(S) p-Terphenyl-d14	*86.0*		*23.0-120*		*04/14/2020 07:04*	WG1459541
(S) Nitrobenzene-d5	*94.3*		*14.0-149*		*04/14/2020 07:04*	WG1459541
(S) 2-Fluorobiphenyl	*86.6*		*34.0-125*		*04/14/2020 07:04*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:19	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.41		2.00	1	04/10/2020 11:54	WG1458229
Barium	95.1		0.500	1	04/10/2020 11:54	WG1458229
Cadmium	ND		0.500	1	04/10/2020 11:54	WG1458229
Chromium	10.7		1.00	1	04/10/2020 11:54	WG1458229
Lead	12.5		0.500	1	04/10/2020 11:54	WG1458229
Selenium	ND		2.00	1	04/10/2020 11:54	WG1458229
Silver	ND		1.00	1	04/10/2020 11:54	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.681	1.09	04/09/2020 16:24	WG1458046
Acrylonitrile	ND	R7	0.341	1.09	04/09/2020 16:24	WG1458046
Benzene	ND		0.0273	1.09	04/09/2020 16:24	WG1458046
Bromobenzene	ND		0.341	1.09	04/09/2020 16:24	WG1458046
Bromodichloromethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Bromoform	ND		0.681	1.09	04/09/2020 16:24	WG1458046
Bromomethane	ND		0.341	1.09	04/09/2020 16:24	WG1458046
1,3-Butadiene	ND		0.681	1.09	04/09/2020 16:24	WG1458046
n-Butylbenzene	ND		0.341	1.09	04/09/2020 16:24	WG1458046
sec-Butylbenzene	ND		0.341	1.09	04/09/2020 16:24	WG1458046
tert-Butylbenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Carbon disulfide	ND		0.341	1.09	04/09/2020 16:24	WG1458046
Carbon tetrachloride	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Chlorobenzene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Chlorodibromomethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Chloroethane	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Chloroform	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Chloromethane	ND		0.341	1.09	04/09/2020 16:24	WG1458046
2-Chlorotoluene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
4-Chlorotoluene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Cyclohexane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.681	1.09	04/09/2020 16:24	WG1458046
1,2-Dibromoethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Dibromomethane	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,2-Dichlorobenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,3-Dichlorobenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,4-Dichlorobenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Dichlorodifluoromethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,1-Dichloroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,2-Dichloroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,1-Dichloroethene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
cis-1,2-Dichloroethene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
trans-1,2-Dichloroethene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,2-Dichloropropane	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,1-Dichloropropene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,3-Dichloropropane	ND		0.136	1.09	04/09/2020 16:24	WG1458046
cis-1,3-Dichloropropene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
trans-1,3-Dichloropropene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
2,2-Dichloropropane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.341	1.09	04/09/2020 16:24	WG1458046
Di-isopropyl ether	ND		0.0273	1.09	04/09/2020 16:24	WG1458046
Ethylbenzene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
4-Ethyltoluene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.681	1.09	04/09/2020 16:24	WG1458046
n-Hexane	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Isopropylbenzene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
p-Isopropyltoluene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
2-Butanone (MEK)	ND		0.681	1.09	04/09/2020 16:24	WG1458046
Methylene Chloride	ND		0.681	1.09	04/09/2020 16:24	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.681	1.09	04/09/2020 16:24	WG1458046
Methyl tert-butyl ether	ND		0.0273	1.09	04/09/2020 16:24	WG1458046
Methyl Cyclohexane	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Naphthalene	ND	L1	0.341	1.09	04/09/2020 16:24	WG1458046
Propene	ND	L1	1.36	1.09	04/09/2020 16:24	WG1458046
n-Propylbenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Styrene	ND		0.341	1.09	04/09/2020 16:24	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Tetrachloroethene	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Toluene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,2,3-Trichlorobenzene	ND		0.341	1.09	04/09/2020 16:24	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.341	1.09	04/09/2020 16:24	WG1458046
1,1,1-Trichloroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,1,2-Trichloroethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Trichloroethene	ND		0.0273	1.09	04/09/2020 16:24	WG1458046
Trichlorofluoromethane	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
1,2,3-Trichloropropane	ND		0.341	1.09	04/09/2020 16:24	WG1458046
1,2,4-Trimethylbenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,2,3-Trimethylbenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
1,3,5-Trimethylbenzene	ND		0.136	1.09	04/09/2020 16:24	WG1458046
Vinyl chloride	ND		0.0681	1.09	04/09/2020 16:24	WG1458046
Xylenes, Total	ND		0.177	1.09	04/09/2020 16:24	WG1458046
(S) Toluene-d8	*106*		*75.0-131*		*04/09/2020 16:24*	WG1458046
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 16:24*	WG1458046
(S) 1,2-Dichloroethane-d4	*90.6*		*70.0-130*		*04/09/2020 16:24*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 15:27	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 15:27	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 15:27	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 15:27	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 15:27	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 15:27	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 15:27	WG1461949
(S) Decachlorobiphenyl	*70.0*		*10.0-135*		*04/19/2020 15:27*	WG1461949
(S) Tetrachloro-m-xylene	*63.3*		*10.0-139*		*04/19/2020 15:27*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 06:44	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 06:44	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 06:44	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 06:44	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 06:44	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 06:44	WG1459541
(S) p-Terphenyl-d14	*67.7*		*23.0-120*		*04/14/2020 06:44*	WG1459541
(S) Nitrobenzene-d5	*75.6*		*14.0-149*		*04/14/2020 06:44*	WG1459541
(S) 2-Fluorobiphenyl	*68.3*		*34.0-125*		*04/14/2020 06:44*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:27	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.93		2.00	1	04/10/2020 11:57	WG1458229
Barium	49.6		0.500	1	04/10/2020 11:57	WG1458229
Cadmium	ND		0.500	1	04/10/2020 11:57	WG1458229
Chromium	12.7		1.00	1	04/10/2020 11:57	WG1458229
Lead	7.14		0.500	1	04/10/2020 11:57	WG1458229
Selenium	ND		2.00	1	04/10/2020 11:57	WG1458229
Silver	ND		1.00	1	04/10/2020 11:57	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 16:43	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 16:43	WG1458046
Benzene	ND		0.0250	1	04/09/2020 16:43	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 16:43	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
Bromoform	ND		0.625	1	04/09/2020 16:43	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 16:43	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 16:43	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 16:43	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 16:43	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 16:43	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 16:43	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 16:43	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 16:43	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 16:43	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 16:43	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 16:43	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 16:43	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 16:43	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 16:43	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 16:43	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 16:43	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 16:43	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 16:43	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 16:43	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 16:43	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 16:43	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 16:43	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 16:43	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 16:43	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 16:43	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 16:43	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 16:43	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 16:43	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 16:43	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 16:43	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 16:43	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 16:43	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 16:43	WG1458046
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 16:43	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 16:43	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 16:43	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 16:43	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
Styrene	ND		0.313	1	04/09/2020 16:43	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 16:43	WG1458046
Toluene	ND		0.125	1	04/09/2020 16:43	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 16:43	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 16:43	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 16:43	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 16:43	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 16:43	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 16:43	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 16:43	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 16:43	WG1458046
(S) Toluene-d8	*106*		*75.0-131*		*04/09/2020 16:43*	WG1458046
(S) 4-Bromofluorobenzene	*99.9*		*67.0-138*		*04/09/2020 16:43*	WG1458046
(S) 1,2-Dichloroethane-d4	*89.4*		*70.0-130*		*04/09/2020 16:43*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 16:09	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 16:09	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 16:09	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 16:09	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 16:09	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 16:09	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 16:09	WG1461949
(S) Decachlorobiphenyl	*104*		*10.0-135*		*04/19/2020 16:09*	WG1461949
(S) Tetrachloro-m-xylene	*94.9*		*10.0-139*		*04/19/2020 16:09*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Acenaphthene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Acenaphthylene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Benzo(a)anthracene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Benzo(a)pyrene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Benzo(b)fluoranthene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Benzo(g,h,i)perylene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Benzo(k)fluoranthene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Chrysene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Dibenz(a,h)anthracene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Fluoranthene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Fluorene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Naphthalene	ND		0.0200	1	04/14/2020 06:23	WG1459541
Phenanthrene	ND		0.00600	1	04/14/2020 06:23	WG1459541
Pyrene	ND		0.00600	1	04/14/2020 06:23	WG1459541
1-Methylnaphthalene	ND		0.0200	1	04/14/2020 06:23	WG1459541
2-Methylnaphthalene	ND		0.0200	1	04/14/2020 06:23	WG1459541
2-Chloronaphthalene	ND		0.0200	1	04/14/2020 06:23	WG1459541
(S) p-Terphenyl-d14	*89.2*		*23.0-120*		*04/14/2020 06:23*	WG1459541
(S) Nitrobenzene-d5	*99.5*		*14.0-149*		*04/14/2020 06:23*	WG1459541
(S) 2-Fluorobiphenyl	*89.4*		*34.0-125*		*04/14/2020 06:23*	WG1459541

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:29	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.17		2.00	1	04/10/2020 12:00	WG1458229
Barium	46.2		0.500	1	04/10/2020 12:00	WG1458229
Cadmium	ND		0.500	1	04/10/2020 12:00	WG1458229
Chromium	7.74		1.00	1	04/10/2020 12:00	WG1458229
Lead	12.3		0.500	1	04/10/2020 12:00	WG1458229
Selenium	ND		2.00	1	04/10/2020 12:00	WG1458229
Silver	ND		1.00	1	04/10/2020 12:00	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 17:02	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 17:02	WG1458046
Benzene	ND		0.0250	1	04/09/2020 17:02	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 17:02	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
Bromoform	ND		0.625	1	04/09/2020 17:02	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 17:02	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 17:02	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 17:02	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 17:02	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 17:02	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 17:02	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 17:02	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 17:02	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 17:02	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 17:02	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 17:02	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 17:02	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 17:02	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 17:02	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 17:02	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 17:02	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 17:02	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 17:02	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 17:02	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 17:02	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 17:02	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 17:02	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 17:02	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 17:02	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 17:02	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 17:02	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 17:02	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 17:02	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 17:02	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 17:02	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 17:02	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 17:02	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 17:02	WG1458046
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 17:02	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 17:02	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 17:02	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 17:02	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
Styrene	ND		0.313	1	04/09/2020 17:02	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 17:02	WG1458046
Toluene	ND		0.125	1	04/09/2020 17:02	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 17:02	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 17:02	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 17:02	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 17:02	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 17:02	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 17:02	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 17:02	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 17:02	WG1458046
(S) Toluene-d8	*106*		*75.0-131*		*04/09/2020 17:02*	WG1458046
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/09/2020 17:02*	WG1458046
(S) 1,2-Dichloroethane-d4	*87.5*		*70.0-130*		*04/09/2020 17:02*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 16:23	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 16:23	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 16:23	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 16:23	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 16:23	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 16:23	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 16:23	WG1461949
(S) Decachlorobiphenyl	*120*		*10.0-135*		*04/19/2020 16:23*	WG1461949
(S) Tetrachloro-m-xylene	*113*		*10.0-139*		*04/19/2020 16:23*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Acenaphthene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Acenaphthylene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Benzo(a)anthracene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Benzo(a)pyrene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Benzo(b)fluoranthene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Benzo(g,h,i)perylene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Benzo(k)fluoranthene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Chrysene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Dibenz(a,h)anthracene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Fluoranthene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Fluorene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Naphthalene	ND		0.0200	1	04/13/2020 22:21	WG1459887
Phenanthrene	ND		0.00600	1	04/13/2020 22:21	WG1459887
Pyrene	ND		0.00600	1	04/13/2020 22:21	WG1459887
1-Methylnaphthalene	ND		0.0200	1	04/13/2020 22:21	WG1459887
2-Methylnaphthalene	ND		0.0200	1	04/13/2020 22:21	WG1459887
2-Chloronaphthalene	ND		0.0200	1	04/13/2020 22:21	WG1459887
(S) p-Terphenyl-d14	*72.2*		*23.0-120*		*04/13/2020 22:21*	WG1459887
(S) Nitrobenzene-d5	*59.0*		*14.0-149*		*04/13/2020 22:21*	WG1459887
(S) 2-Fluorobiphenyl	*81.1*		*34.0-125*		*04/13/2020 22:21*	WG1459887

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:31	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/10/2020 12:03	WG1458229
Barium	105		0.500	1	04/10/2020 12:03	WG1458229
Cadmium	ND		0.500	1	04/10/2020 12:03	WG1458229
Chromium	12.5		1.00	1	04/10/2020 12:03	WG1458229
Lead	18.2		0.500	1	04/10/2020 12:03	WG1458229
Selenium	ND		2.00	1	04/10/2020 12:03	WG1458229
Silver	ND		1.00	1	04/10/2020 12:03	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/09/2020 17:21	WG1458046
Acrylonitrile	ND	R7	0.313	1	04/09/2020 17:21	WG1458046
Benzene	ND		0.0250	1	04/09/2020 17:21	WG1458046
Bromobenzene	ND		0.313	1	04/09/2020 17:21	WG1458046
Bromodichloromethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
Bromoform	ND		0.625	1	04/09/2020 17:21	WG1458046
Bromomethane	ND		0.313	1	04/09/2020 17:21	WG1458046
1,3-Butadiene	ND		0.625	1	04/09/2020 17:21	WG1458046
n-Butylbenzene	ND		0.313	1	04/09/2020 17:21	WG1458046
sec-Butylbenzene	ND		0.313	1	04/09/2020 17:21	WG1458046
tert-Butylbenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
Carbon disulfide	ND		0.313	1	04/09/2020 17:21	WG1458046
Carbon tetrachloride	ND		0.125	1	04/09/2020 17:21	WG1458046
Chlorobenzene	ND		0.0625	1	04/09/2020 17:21	WG1458046
Chlorodibromomethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
Chloroethane	ND		0.125	1	04/09/2020 17:21	WG1458046
Chloroform	ND		0.0625	1	04/09/2020 17:21	WG1458046
Chloromethane	ND		0.313	1	04/09/2020 17:21	WG1458046
2-Chlorotoluene	ND		0.0625	1	04/09/2020 17:21	WG1458046
4-Chlorotoluene	ND		0.125	1	04/09/2020 17:21	WG1458046
Cyclohexane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/09/2020 17:21	WG1458046
1,2-Dibromoethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
Dibromomethane	ND		0.125	1	04/09/2020 17:21	WG1458046
1,2-Dichlorobenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
1,3-Dichlorobenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
1,4-Dichlorobenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
Dichlorodifluoromethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,1-Dichloroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,2-Dichloroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,1-Dichloroethene	ND		0.0625	1	04/09/2020 17:21	WG1458046
cis-1,2-Dichloroethene	ND		0.0625	1	04/09/2020 17:21	WG1458046
trans-1,2-Dichloroethene	ND		0.125	1	04/09/2020 17:21	WG1458046
1,2-Dichloropropane	ND		0.125	1	04/09/2020 17:21	WG1458046
1,1-Dichloropropene	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,3-Dichloropropane	ND		0.125	1	04/09/2020 17:21	WG1458046
cis-1,3-Dichloropropene	ND		0.0625	1	04/09/2020 17:21	WG1458046
trans-1,3-Dichloropropene	ND		0.125	1	04/09/2020 17:21	WG1458046
2,2-Dichloropropane	ND		0.0625	1	04/09/2020 17:21	WG1458046

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/09/2020 17:21	WG1458046
Di-isopropyl ether	ND		0.0250	1	04/09/2020 17:21	WG1458046
Ethylbenzene	ND		0.0625	1	04/09/2020 17:21	WG1458046
4-Ethyltoluene	ND		0.125	1	04/09/2020 17:21	WG1458046
Hexachloro-1,3-butadiene	ND	L1 R7	0.625	1	04/09/2020 17:21	WG1458046
n-Hexane	ND		0.125	1	04/09/2020 17:21	WG1458046
Isopropylbenzene	ND		0.0625	1	04/09/2020 17:21	WG1458046
p-Isopropyltoluene	ND		0.125	1	04/09/2020 17:21	WG1458046
2-Butanone (MEK)	ND		0.625	1	04/09/2020 17:21	WG1458046
Methylene Chloride	ND		0.625	1	04/09/2020 17:21	WG1458046
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/09/2020 17:21	WG1458046
Methyl tert-butyl ether	ND		0.0250	1	04/09/2020 17:21	WG1458046
Methyl Cyclohexane	ND		0.125	1	04/09/2020 17:21	WG1458046
Naphthalene	ND	L1	0.313	1	04/09/2020 17:21	WG1458046
Propene	ND	L1	1.25	1	04/09/2020 17:21	WG1458046
n-Propylbenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
Styrene	ND		0.313	1	04/09/2020 17:21	WG1458046
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
Tetrachloroethene	ND		0.0625	1	04/09/2020 17:21	WG1458046
Toluene	ND		0.125	1	04/09/2020 17:21	WG1458046
1,2,3-Trichlorobenzene	ND		0.313	1	04/09/2020 17:21	WG1458046
1,2,4-Trichlorobenzene	ND	L1	0.313	1	04/09/2020 17:21	WG1458046
1,1,1-Trichloroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,1,2-Trichloroethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
Trichloroethene	ND		0.0250	1	04/09/2020 17:21	WG1458046
Trichlorofluoromethane	ND		0.0625	1	04/09/2020 17:21	WG1458046
1,2,3-Trichloropropane	ND		0.313	1	04/09/2020 17:21	WG1458046
1,2,4-Trimethylbenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
1,2,3-Trimethylbenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
1,3,5-Trimethylbenzene	ND		0.125	1	04/09/2020 17:21	WG1458046
Vinyl chloride	ND		0.0625	1	04/09/2020 17:21	WG1458046
Xylenes, Total	ND		0.163	1	04/09/2020 17:21	WG1458046
(S) Toluene-d8	*105*		*75.0-131*		*04/09/2020 17:21*	WG1458046
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/09/2020 17:21*	WG1458046
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*04/09/2020 17:21*	WG1458046

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 16:38	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 16:38	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 16:38	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 16:38	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 16:38	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 16:38	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 16:38	WG1461949
(S) Decachlorobiphenyl	*95.3*		*10.0-135*		*04/19/2020 16:38*	WG1461949
(S) Tetrachloro-m-xylene	*88.2*		*10.0-139*		*04/19/2020 16:38*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Acenaphthene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Acenaphthylene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Benzo(a)anthracene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Benzo(a)pyrene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Benzo(b)fluoranthene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Benzo(g,h,i)perylene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Benzo(k)fluoranthene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Chrysene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Dibenz(a,h)anthracene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Fluoranthene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Fluorene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Naphthalene	ND		0.0200	1	04/13/2020 22:44	WG1459887
Phenanthrene	ND		0.00600	1	04/13/2020 22:44	WG1459887
Pyrene	ND		0.00600	1	04/13/2020 22:44	WG1459887
1-Methylnaphthalene	ND		0.0200	1	04/13/2020 22:44	WG1459887
2-Methylnaphthalene	ND		0.0200	1	04/13/2020 22:44	WG1459887
2-Chloronaphthalene	ND		0.0200	1	04/13/2020 22:44	WG1459887
(S) p-Terphenyl-d14	*63.3*		*23.0-120*		*04/13/2020 22:44*	WG1459887
(S) Nitrobenzene-d5	*46.4*		*14.0-149*		*04/13/2020 22:44*	WG1459887
(S) 2-Fluorobiphenyl	*64.3*		*34.0-125*		*04/13/2020 22:44*	WG1459887

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/09/2020 18:33	WG1458273

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.15		2.00	1	04/10/2020 12:06	WG1458229
Barium	63.5		0.500	1	04/10/2020 12:06	WG1458229
Cadmium	ND		0.500	1	04/10/2020 12:06	WG1458229
Chromium	8.69		1.00	1	04/10/2020 12:06	WG1458229
Lead	17.9		0.500	1	04/10/2020 12:06	WG1458229
Selenium	ND		2.00	1	04/10/2020 12:06	WG1458229
Silver	ND		1.00	1	04/10/2020 12:06	WG1458229

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 00:43	WG1458485
Acrylonitrile	ND		0.313	1	04/10/2020 00:43	WG1458485
Benzene	ND		0.0250	1	04/10/2020 00:43	WG1458485
Bromobenzene	ND		0.313	1	04/10/2020 00:43	WG1458485
Bromodichloromethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
Bromoform	ND		0.625	1	04/10/2020 00:43	WG1458485
Bromomethane	ND		0.313	1	04/10/2020 00:43	WG1458485
1,3-Butadiene	ND		0.625	1	04/10/2020 00:43	WG1458485
n-Butylbenzene	ND		0.313	1	04/10/2020 00:43	WG1458485
sec-Butylbenzene	ND		0.313	1	04/10/2020 00:43	WG1458485
tert-Butylbenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
Carbon disulfide	ND		0.313	1	04/10/2020 00:43	WG1458485
Carbon tetrachloride	ND		0.125	1	04/10/2020 00:43	WG1458485
Chlorobenzene	ND		0.0625	1	04/10/2020 00:43	WG1458485
Chlorodibromomethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
Chloroethane	ND		0.125	1	04/10/2020 00:43	WG1458485
Chloroform	ND		0.0625	1	04/10/2020 00:43	WG1458485
Chloromethane	ND		0.313	1	04/10/2020 00:43	WG1458485
2-Chlorotoluene	ND		0.0625	1	04/10/2020 00:43	WG1458485
4-Chlorotoluene	ND		0.125	1	04/10/2020 00:43	WG1458485
Cyclohexane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 00:43	WG1458485
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
Dibromomethane	ND		0.125	1	04/10/2020 00:43	WG1458485
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 00:43	WG1458485
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 00:43	WG1458485
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 00:43	WG1458485
1,2-Dichloropropane	ND		0.125	1	04/10/2020 00:43	WG1458485
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,3-Dichloropropane	ND		0.125	1	04/10/2020 00:43	WG1458485
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 00:43	WG1458485
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 00:43	WG1458485
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 00:43	WG1458485

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 00:43	WG1458485
Di-isopropyl ether	ND		0.0250	1	04/10/2020 00:43	WG1458485
Ethylbenzene	ND		0.0625	1	04/10/2020 00:43	WG1458485
4-Ethyltoluene	ND		0.125	1	04/10/2020 00:43	WG1458485
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 00:43	WG1458485
n-Hexane	ND		0.125	1	04/10/2020 00:43	WG1458485
Isopropylbenzene	ND		0.0625	1	04/10/2020 00:43	WG1458485
p-Isopropyltoluene	ND		0.125	1	04/10/2020 00:43	WG1458485
2-Butanone (MEK)	ND		0.625	1	04/10/2020 00:43	WG1458485
Methylene Chloride	ND		0.625	1	04/10/2020 00:43	WG1458485
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 00:43	WG1458485
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 00:43	WG1458485
Methyl Cyclohexane	ND		0.125	1	04/10/2020 00:43	WG1458485
Naphthalene	ND		0.313	1	04/10/2020 00:43	WG1458485
Propene	ND	L1	1.25	1	04/10/2020 00:43	WG1458485
n-Propylbenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
Styrene	ND		0.313	1	04/10/2020 00:43	WG1458485
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
Tetrachloroethene	ND		0.0625	1	04/10/2020 00:43	WG1458485
Toluene	ND		0.125	1	04/10/2020 00:43	WG1458485
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 00:43	WG1458485
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 00:43	WG1458485
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
Trichloroethene	ND		0.0250	1	04/10/2020 00:43	WG1458485
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 00:43	WG1458485
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 00:43	WG1458485
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 00:43	WG1458485
Vinyl chloride	ND		0.0625	1	04/10/2020 00:43	WG1458485
Xylenes, Total	ND		0.163	1	04/10/2020 00:43	WG1458485
(S) Toluene-d8	*105*		*75.0-131*		*04/10/2020 00:43*	WG1458485
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/10/2020 00:43*	WG1458485
(S) 1,2-Dichloroethane-d4	*92.4*		*70.0-130*		*04/10/2020 00:43*	WG1458485

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 16:52	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 16:52	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 16:52	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 16:52	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 16:52	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 16:52	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 16:52	WG1461949
(S) Decachlorobiphenyl	*103*		*10.0-135*		*04/19/2020 16:52*	WG1461949
(S) Tetrachloro-m-xylene	*93.1*		*10.0-139*		*04/19/2020 16:52*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Acenaphthene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Acenaphthylene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Benzo(a)anthracene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Benzo(a)pyrene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Benzo(b)fluoranthene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Benzo(g,h,i)perylene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Benzo(k)fluoranthene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Chrysene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Dibenz(a,h)anthracene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Fluoranthene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Fluorene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Naphthalene	ND		0.0200	1	04/13/2020 23:07	WG1459887
Phenanthrene	ND		0.00600	1	04/13/2020 23:07	WG1459887
Pyrene	ND		0.00600	1	04/13/2020 23:07	WG1459887
1-Methylnaphthalene	ND		0.0200	1	04/13/2020 23:07	WG1459887
2-Methylnaphthalene	ND		0.0200	1	04/13/2020 23:07	WG1459887
2-Chloronaphthalene	ND		0.0200	1	04/13/2020 23:07	WG1459887
(S) p-Terphenyl-d14	*60.7*		*23.0-120*		*04/13/2020 23:07*	WG1459887
(S) Nitrobenzene-d5	*50.6*		*14.0-149*		*04/13/2020 23:07*	WG1459887
(S) 2-Fluorobiphenyl	*65.6*		*34.0-125*		*04/13/2020 23:07*	WG1459887

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/10/2020 07:46	WG1458122

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/10/2020 10:00	WG1457863
Barium	0.00584		0.00500	1	04/10/2020 10:00	WG1457863
Cadmium	ND		0.00200	1	04/10/2020 10:00	WG1457863
Chromium	ND		0.0100	1	04/10/2020 10:00	WG1457863
Lead	ND		0.00600	1	04/10/2020 10:00	WG1457863
Selenium	ND		0.0100	1	04/10/2020 10:00	WG1457863
Silver	ND		0.00500	1	04/10/2020 10:00	WG1457863

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/09/2020 11:22	WG1458006
Acrolein	ND	L1	0.0500	1	04/09/2020 11:22	WG1458006
Acrylonitrile	ND		0.0100	1	04/09/2020 11:22	WG1458006
Benzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Bromobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Bromodichloromethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Bromoform	ND		0.00100	1	04/09/2020 11:22	WG1458006
Bromomethane	ND		0.00500	1	04/09/2020 11:22	WG1458006
1,3-Butadiene	ND		0.00200	1	04/09/2020 11:22	WG1458006
n-Butylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
sec-Butylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
tert-Butylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Carbon tetrachloride	ND		0.00100	1	04/09/2020 11:22	WG1458006
Carbon disulfide	ND		0.00100	1	04/09/2020 11:22	WG1458006
Chlorobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Chlorodibromomethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Chloroethane	ND		0.00500	1	04/09/2020 11:22	WG1458006
Chloroform	ND		0.00500	1	04/09/2020 11:22	WG1458006
Chloromethane	ND		0.00250	1	04/09/2020 11:22	WG1458006
Cyclohexane	ND		0.00100	1	04/09/2020 11:22	WG1458006
2-Chlorotoluene	ND		0.00100	1	04/09/2020 11:22	WG1458006
4-Chlorotoluene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/09/2020 11:22	WG1458006
1,2-Dibromoethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Dibromomethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2-Dichlorobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,3-Dichlorobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,4-Dichlorobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Dichlorodifluoromethane	ND		0.00500	1	04/09/2020 11:22	WG1458006
1,1-Dichloroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2-Dichloroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1-Dichloroethene	ND		0.00100	1	04/09/2020 11:22	WG1458006
cis-1,2-Dichloroethene	ND		0.00100	1	04/09/2020 11:22	WG1458006
trans-1,2-Dichloroethene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2-Dichloropropane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1-Dichloropropene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,3-Dichloropropane	ND		0.00100	1	04/09/2020 11:22	WG1458006
cis-1,3-Dichloropropene	ND		0.00100	1	04/09/2020 11:22	WG1458006
trans-1,3-Dichloropropene	ND		0.00100	1	04/09/2020 11:22	WG1458006

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Dicyclopentadiene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Di-isopropyl ether	ND		0.00100	1	04/09/2020 11:22	WG1458006
Ethylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
4-Ethyltoluene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Hexachloro-1,3-butadiene	ND		0.00100	1	04/09/2020 11:22	WG1458006
n-Hexane	ND		0.0100	1	04/09/2020 11:22	WG1458006
Isopropylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
p-Isopropyltoluene	ND		0.00100	1	04/09/2020 11:22	WG1458006
2-Butanone (MEK)	ND		0.0100	1	04/09/2020 11:22	WG1458006
Methyl Cyclohexane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Methylene Chloride	ND		0.00500	1	04/09/2020 11:22	WG1458006
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/09/2020 11:22	WG1458006
Methyl tert-butyl ether	ND		0.00100	1	04/09/2020 11:22	WG1458006
Naphthalene	ND		0.00500	1	04/09/2020 11:22	WG1458006
Propene	ND		0.00250	1	04/09/2020 11:22	WG1458006
n-Propylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Styrene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Tetrachloroethene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Toluene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2,3-Trichlorobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2,4-Trichlorobenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1,1-Trichloroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,1,2-Trichloroethane	ND		0.00100	1	04/09/2020 11:22	WG1458006
Trichloroethene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Trichlorofluoromethane	ND		0.00500	1	04/09/2020 11:22	WG1458006
1,2,3-Trichloropropane	ND		0.00250	1	04/09/2020 11:22	WG1458006
1,2,4-Trimethylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,2,3-Trimethylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
1,3,5-Trimethylbenzene	ND		0.00100	1	04/09/2020 11:22	WG1458006
Vinyl chloride	ND		0.00100	1	04/09/2020 11:22	WG1458006
Xylenes, Total	ND		0.00300	1	04/09/2020 11:22	WG1458006
(S) Toluene-d8	*103*		*80.0-120*		*04/09/2020 11:22*	WG1458006
(S) 4-Bromofluorobenzene	*97.8*		*77.0-126*		*04/09/2020 11:22*	WG1458006
(S) 1,2-Dichloroethane-d4	*93.1*		*70.0-130*		*04/09/2020 11:22*	WG1458006

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00100	1	04/12/2020 16:47	WG1459250
PCB 1221	ND		0.00100	1	04/12/2020 16:47	WG1459250
PCB 1232	ND		0.00100	1	04/12/2020 16:47	WG1459250
PCB 1242	ND		0.00100	1	04/12/2020 16:47	WG1459250
PCB 1248	ND		0.000500	1	04/12/2020 16:47	WG1459250
PCB 1254	ND		0.000500	1	04/12/2020 16:47	WG1459250
PCB 1260	ND		0.000500	1	04/12/2020 16:47	WG1459250
(S) Decachlorobiphenyl	*69.7*		*10.0-128*		*04/12/2020 16:47*	WG1459250
(S) Tetrachloro-m-xylene	*85.9*		*10.0-127*		*04/12/2020 16:47*	WG1459250

Semi Volatile Organic Compounds (GC/MS) by Method 8270 C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Acenaphthene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Acenaphthylene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Benzo(a)anthracene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Benzo(a)pyrene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Benzo(b)fluoranthene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Benzo(g,h,i)perylene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Benzo(k)fluoranthene	ND		0.000250	1	04/14/2020 02:45	WG1459549
Chrysene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Dibenz(a,h)anthracene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Fluoranthene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Fluorene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Naphthalene	ND		0.000500	1	04/14/2020 02:45	WG1459549
Phenanthrene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
Pyrene	ND		0.0000500	1	04/14/2020 02:45	WG1459549
1-Methylnaphthalene	ND		0.000500	1	04/14/2020 02:45	WG1459549
2-Methylnaphthalene	ND		0.000500	1	04/14/2020 02:45	WG1459549
2-Chloronaphthalene	ND		0.000500	1	04/14/2020 02:45	WG1459549
(S) Nitrobenzene-d5	*74.7*		*11.0-135*		*04/14/2020 02:45*	WG1459549
(S) 2-Fluorobiphenyl	*89.0*		*32.0-120*		*04/14/2020 02:45*	WG1459549
(S) p-Terphenyl-d14	*86.8*		*23.0-122*		*04/14/2020 02:45*	WG1459549
(S) 2-Methylnaphthalene-D10	*99.5*		*50.0-150*		*04/14/2020 02:45*	WG1459549
(S) Fluoranthene-D10	*112*		*50.0-150*		*04/14/2020 02:45*	WG1459549

Method Blank (MB)

(MB) R3517387-1 04/10/20 07:20

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3517387-2 04/10/20 07:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00283	94.3	80.0-120	

L1207073-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207073-08 04/10/20 07:24 • (MS) R3517387-3 04/10/20 07:26 • (MSD) R3517387-4 04/10/20 07:28

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	ND	0.00306	0.00293	102	97.7	1	75.0-125			4.50	20

Method Blank (MB)

(MB) R3517272-1 04/09/20 18:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3517272-2 04/09/20 18:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.508	102	80.0-120	

L1207077-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207077-02 04/09/20 18:08 • (MS) R3517272-3 04/09/20 18:10 • (MSD) R3517272-4 04/09/20 18:12

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.475	0.439	94.9	87.8	1	75.0-125			7.80	20

Method Blank (MB)

(MB) R3517384-1 04/10/20 07:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3517384-2 04/10/20 07:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.513	103	80.0-120	

L1206843-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206843-15 04/10/20 07:26 • (MS) R3517384-3 04/10/20 07:28 • (MSD) R3517384-4 04/10/20 07:31

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.434	0.380	86.9	76.1	1	75.0-125			13.3	20

Method Blank (MB)

(MB) R3517462-1 04/10/20 09:07

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3517462-2 04/10/20 09:09

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.940	94.0	80.0-120	
Barium	1.00	0.982	98.2	80.0-120	
Cadmium	1.00	0.947	94.7	80.0-120	
Chromium	1.00	0.959	95.9	80.0-120	
Lead	1.00	0.960	96.0	80.0-120	
Selenium	1.00	0.938	93.8	80.0-120	
Silver	0.200	0.188	94.0	80.0-120	

L1206595-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206595-13 04/10/20 09:12 • (MS) R3517462-4 04/10/20 09:17 • (MSD) R3517462-5 04/10/20 09:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00	U	0.960	0.972	96.0	97.2	1	75.0-125			1.24	20
Barium	1.00	0.0347	1.03	1.04	99.4	100	1	75.0-125			0.969	20
Cadmium	1.00	U	0.962	0.974	96.2	97.4	1	75.0-125			1.28	20
Chromium	1.00	U	0.962	0.973	96.2	97.3	1	75.0-125			1.17	20
Lead	1.00	0.00324	0.983	1.00	98.0	100	1	75.0-125			1.99	20
Selenium	1.00	U	0.969	0.981	96.9	98.1	1	75.0-125			1.20	20
Silver	0.200	U	0.190	0.191	95.0	95.3	1	75.0-125			0.338	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3517494-1 04/10/20 08:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517494-2 04/10/20 08:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	95.1	95.1	80.0-120	
Barium	100	102	102	80.0-120	
Cadmium	100	95.4	95.4	80.0-120	
Chromium	100	98.4	98.4	80.0-120	
Lead	100	97.6	97.6	80.0-120	
Selenium	100	96.7	96.7	80.0-120	
Silver	20.0	18.2	91.1	80.0-120	

L1206843-08 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206843-08 04/10/20 08:53 • (MS) R3517494-5 04/10/20 09:00 • (MSD) R3517494-6 04/10/20 09:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	2.33	109	113	106	111	1	75.0-125			3.79	20
Barium	100	42.1	143	196	101	154	1	75.0-125		M1 R5	31.3	20
Cadmium	100	ND	107	107	106	107	1	75.0-125			0.344	20
Chromium	100	2.09	109	110	107	108	1	75.0-125			0.310	20
Lead	100	6.08	113	114	107	108	1	75.0-125			1.22	20
Selenium	100	ND	107	108	107	108	1	75.0-125			1.23	20
Silver	20.0	ND	20.3	20.6	102	103	1	75.0-125			1.23	20

Method Blank (MB)

(MB) R3517464-1 04/10/20 11:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517464-2 04/10/20 11:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	91.9	91.9	80.0-120	
Barium	100	97.6	97.6	80.0-120	
Cadmium	100	94.6	94.6	80.0-120	
Chromium	100	94.4	94.4	80.0-120	
Lead	100	98.1	98.1	80.0-120	
Selenium	100	92.4	92.4	80.0-120	
Silver	20.0	18.2	90.9	80.0-120	

L1206912-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206912-01 04/10/20 11:27 • (MS) R3517464-5 04/10/20 11:35 • (MSD) R3517464-6 04/10/20 11:38

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	128	4.60	102	113	76.2	85.0	1	75.0-125			10.5	20
Barium	128	264	314	400	39.2	106	1	75.0-125	M2	R5	24.0	20
Cadmium	128	U	101	110	78.8	86.0	1	75.0-125			8.65	20
Chromium	128	24.0	120	128	75.6	81.7	1	75.0-125			6.22	20
Lead	128	16.9	120	132	80.6	90.3	1	75.0-125			9.90	20
Selenium	128	U	97.5	108	76.4	84.3	1	75.0-125			9.85	20
Silver	25.5	U	19.9	21.6	77.9	84.5	1	75.0-125			8.06	20

Method Blank (MB)

(MB) R3517140-3 04/09/20 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.343	0.625
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0475	0.313
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0100	0.0250
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromobenzene	U		0.0263	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromodichloromethane	U		0.0197	0.0625
Bromoform	U		0.0293	0.625
Bromoform	U		0.150	0.625
Bromomethane	U		0.0493	0.313
Bromomethane	U		0.0925	0.313
1,3-Butadiene	U		0.128	0.625
1,3-Butadiene	U		0.211	0.625
n-Butylbenzene	U		0.0960	0.313
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0633	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0388	0.125
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon disulfide	U		0.102	0.313
Carbon tetrachloride	U		0.0225	0.125
Carbon tetrachloride	U		0.0270	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorobenzene	U		0.0143	0.0625
Chlorodibromomethane	U		0.0113	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0270	0.125
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0104	0.0625
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.0348	0.313
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0127	0.0625
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
2-Chlorotoluene	U		0.0230	0.0625

Method Blank (MB)

(MB) R3517140-3 04/09/20 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Chlorotoluene	U		0.0113	0.125
4-Chlorotoluene	U		0.0283	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromo-3-Chloropropane	U		0.128	0.625
1,2-Dibromoethane	U		0.0131	0.0625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
Dibromomethane	U		0.0250	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,2-Dichlorobenzene	U		0.0363	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,3-Dichlorobenzene	U		0.0425	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
1,4-Dichlorobenzene	U		0.0493	0.125
Dichlorodifluoromethane	U		0.0205	0.0625
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,1-Dichloroethane	U		0.0144	0.0625
1,2-Dichloroethane	U		0.0119	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0125	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0173	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
trans-1,2-Dichloroethene	U		0.0358	0.125
1,2-Dichloropropane	U		0.0318	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0175	0.0625
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
1,3-Dichloropropane	U		0.0438	0.125
cis-1,3-Dichloropropene	U		0.0170	0.0625
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
trans-1,3-Dichloropropene	U		0.0383	0.125
2,2-Dichloropropane	U		0.0198	0.0625
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313
Dicyclopentadiene	U		0.0910	0.313

Method Blank (MB)

(MB) R3517140-3 04/09/20 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.00875	0.0250
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0133	0.0625
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0268	0.125
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
Hexachloro-1,3-butadiene	U		0.318	0.625
n-Hexane	U		0.0265	0.125
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
Isopropylbenzene	U		0.0216	0.0625
p-Isopropyltoluene	U		0.0583	0.125
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U	E4	0.313	0.625
2-Butanone (MEK)	U	E4	1.59	2.50
Methyl Cyclohexane	U		0.0258	0.125
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
4-Methyl-2-pentanone (MIBK)	U		0.250	0.625
Methyl tert-butyl ether	U		0.00738	0.0250
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.0780	0.313
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
Propene	U		0.523	1.25
n-Propylbenzene	U		0.0238	0.125
n-Propylbenzene	U		0.0295	0.125
Styrene	U		0.00573	0.313
Styrene	U		0.0683	0.313
1,1,1,2-Tetrachloroethane	U		0.0125	0.0625
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.00975	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0175	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0313	0.125
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0169	0.0625

Method Blank (MB)

(MB) R3517140-3 04/09/20 08:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.0156	0.313
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,2,4-Trichlorobenzene	U		0.121	0.313
1,1,1-Trichloroethane	U		0.00688	0.0625
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
1,1,2-Trichloroethane	U		0.0221	0.0625
Trichloroethene	U		0.0100	0.0250
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0125	0.0625
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trichloropropane	U		0.128	0.313
1,2,3-Trimethylbenzene	U		0.0288	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0290	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0270	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0171	0.0625
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
Xylenes, Total	U		0.120	0.163
(S) Toluene-d8	*118*			*75.0-131*
(S) 4-Bromofluorobenzene	*91.2*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*72.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517140-1 04/09/20 07:20 • (LCSD) R3517140-2 04/09/20 07:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.526	0.437	84.2	69.9	10.0-160			18.5	31
Acrylonitrile	0.625	0.601	0.563	96.2	90.1	45.0-153			6.53	22
Benzene	0.125	0.107	0.111	85.6	88.8	70.0-123			3.67	20
Bromobenzene	0.125	0.124	0.125	99.2	100	73.0-121			0.803	20
Bromodichloromethane	0.125	0.0979	0.103	78.3	82.4	73.0-121			5.08	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517140-1 04/09/20 07:20 • (LCSD) R3517140-2 04/09/20 07:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	0.125	0.117	0.118	93.6	94.4	64.0-132			0.851	20
Bromomethane	0.125	0.101	0.104	80.8	83.2	56.0-147			2.93	20
1,3-Butadiene	0.125	0.0897	0.0981	71.8	78.5	32.0-150			8.95	20
n-Butylbenzene	0.125	0.0844	0.0888	67.5	71.0	68.0-135	L2		5.08	20
sec-Butylbenzene	0.125	0.0988	0.103	79.0	82.4	74.0-130			4.16	20
tert-Butylbenzene	0.125	0.0948	0.0988	75.8	79.0	75.0-127			4.13	20
Carbon disulfide	0.125	0.0941	0.0990	75.3	79.2	56.0-133			5.08	20
Carbon tetrachloride	0.125	0.100	0.106	80.0	84.8	66.0-128			5.83	20
Chlorobenzene	0.125	0.116	0.118	92.8	94.4	76.0-128			1.71	20
Chlorodibromomethane	0.125	0.102	0.103	81.6	82.4	74.0-127			0.976	20
Chloroethane	0.125	0.109	0.116	87.2	92.8	61.0-134			6.22	20
Chloroform	0.125	0.110	0.116	88.0	92.8	72.0-123			5.31	20
Chloromethane	0.125	0.105	0.115	84.0	92.0	51.0-138			9.09	20
Cyclohexane	0.125	0.112	0.120	89.6	96.0	70.0-130			6.90	20
2-Chlorotoluene	0.125	0.102	0.108	81.6	86.4	75.0-124			5.71	20
4-Chlorotoluene	0.125	0.104	0.106	83.2	84.8	75.0-124			1.90	20
1,2-Dibromo-3-Chloropropane	0.125	0.109	0.109	87.2	87.2	59.0-130			0.000	20
1,2-Dibromoethane	0.125	0.112	0.113	89.6	90.4	74.0-128			0.889	20
Dibromomethane	0.125	0.0978	0.0999	78.2	79.9	75.0-122			2.12	20
1,2-Dichlorobenzene	0.125	0.105	0.108	84.0	86.4	76.0-124			2.82	20
1,3-Dichlorobenzene	0.125	0.111	0.114	88.8	91.2	76.0-125			2.67	20
1,4-Dichlorobenzene	0.125	0.108	0.109	86.4	87.2	77.0-121			0.922	20
Dichlorodifluoromethane	0.125	0.153	0.165	122	132	43.0-156			7.55	20
1,1-Dichloroethane	0.125	0.104	0.109	83.2	87.2	70.0-127			4.69	20
1,2-Dichloroethane	0.125	0.105	0.105	84.0	84.0	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.102	0.108	81.6	86.4	65.0-131			5.71	20
cis-1,2-Dichloroethene	0.125	0.111	0.115	88.8	92.0	73.0-125			3.54	20
trans-1,2-Dichloroethene	0.125	0.118	0.122	94.4	97.6	71.0-125			3.33	20
1,2-Dichloropropane	0.125	0.115	0.115	92.0	92.0	74.0-125			0.000	20
1,1-Dichloropropene	0.125	0.0929	0.0995	74.3	79.6	73.0-125			6.86	20
1,3-Dichloropropane	0.125	0.113	0.111	90.4	88.8	80.0-125			1.79	20
cis-1,3-Dichloropropene	0.125	0.105	0.106	84.0	84.8	76.0-127			0.948	20
trans-1,3-Dichloropropene	0.125	0.106	0.109	84.8	87.2	73.0-127			2.79	20
2,2-Dichloropropane	0.125	0.0972	0.0988	77.8	79.0	59.0-135			1.63	20
Dicyclopentadiene	0.125	0.0867	0.0922	69.4	73.8	71.0-132	L2		6.15	20
Di-isopropyl ether	0.125	0.107	0.109	85.6	87.2	60.0-136			1.85	20
Ethylbenzene	0.125	0.118	0.121	94.4	96.8	74.0-126			2.51	20
4-Ethyltoluene	0.125	0.101	0.105	80.8	84.0	71.0-129			3.88	20
Hexachloro-1,3-butadiene	0.125	0.103	0.111	82.4	88.8	57.0-150			7.48	20
n-Hexane	0.125	0.121	0.126	96.8	101	55.0-137			4.05	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517140-1 04/09/20 07:20 • (LCSD) R3517140-2 04/09/20 07:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Isopropylbenzene	0.125	0.103	0.108	82.4	86.4	72.0-127			4.74	20
p-Isopropyltoluene	0.125	0.0945	0.0977	75.6	78.2	72.0-133			3.33	20
2-Butanone (MEK)	0.625	0.539	0.504	86.2	80.6	30.0-160			6.71	24
Methyl Cyclohexane	0.125	0.0867	0.0881	69.4	70.5	67.0-129			1.60	20
Methylene Chloride	0.125	0.107	0.111	85.6	88.8	68.0-123			3.67	20
4-Methyl-2-pentanone (MIBK)	0.625	0.524	0.514	83.8	82.2	56.0-143			1.93	20
Methyl tert-butyl ether	0.125	0.112	0.110	89.6	88.0	66.0-132			1.80	20
Naphthalene	0.125	0.0998	0.103	79.8	82.4	59.0-130			3.16	20
Propene	0.125	0.125	0.138	100	110	10.0-160			9.89	20
n-Propylbenzene	0.125	0.0989	0.104	79.1	83.2	74.0-126			5.03	20
Styrene	0.125	0.108	0.110	86.4	88.0	72.0-127			1.83	20
1,1,1,2-Tetrachloroethane	0.125	0.110	0.110	88.0	88.0	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.123	0.123	98.4	98.4	68.0-128			0.000	20
Tetrachloroethene	0.125	0.129	0.132	103	106	70.0-136			2.30	20
Toluene	0.125	0.114	0.120	91.2	96.0	75.0-121			5.13	20
1,1,2-Trichlorotrifluoroethane	0.125	0.131	0.141	105	113	61.0-139			7.35	20
1,2,3-Trichlorobenzene	0.125	0.110	0.118	88.0	94.4	59.0-139			7.02	20
1,2,4-Trichlorobenzene	0.125	0.104	0.108	83.2	86.4	62.0-137			3.77	20
1,1,1-Trichloroethane	0.125	0.105	0.111	84.0	88.8	69.0-126			5.56	20
1,1,2-Trichloroethane	0.125	0.118	0.119	94.4	95.2	78.0-123			0.844	20
Trichloroethene	0.125	0.103	0.108	82.4	86.4	76.0-126			4.74	20
Trichlorofluoromethane	0.125	0.111	0.119	88.8	95.2	61.0-142			6.96	20
1,2,3-Trichloropropane	0.125	0.108	0.103	86.4	82.4	67.0-129			4.74	20
1,2,3-Trimethylbenzene	0.125	0.0889	0.0915	71.1	73.2	74.0-124	L2	L2	2.88	20
1,2,4-Trimethylbenzene	0.125	0.0931	0.0956	74.5	76.5	70.0-126			2.65	20
1,3,5-Trimethylbenzene	0.125	0.105	0.108	84.0	86.4	73.0-127			2.82	20
Vinyl chloride	0.125	0.128	0.136	102	109	63.0-134			6.06	20
Xylenes, Total	0.375	0.332	0.346	88.5	92.3	72.0-127			4.13	20
(S) Toluene-d8				*113*	*111*	*75.0-131*				
(S) 4-Bromofluorobenzene				*97.8*	*97.1*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*83.3*	*83.6*	*70.0-130*				

Method Blank (MB)

(MB) R3517400-3 04/09/20 10:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.343	0.625
Acrylonitrile	U		0.0475	0.313
Benzene	U		0.0100	0.0250
Bromobenzene	U		0.0263	0.313
Bromodichloromethane	U		0.0197	0.0625
Bromoform	U		0.150	0.625
Bromomethane	U		0.0925	0.313
1,3-Butadiene	U		0.211	0.625
n-Butylbenzene	U	E4	0.0960	0.313
sec-Butylbenzene	U	E4	0.0633	0.313
tert-Butylbenzene	U		0.0388	0.125
Carbon disulfide	U		0.102	0.313
Carbon tetrachloride	U		0.0270	0.125
Chlorobenzene	U		0.0143	0.0625
Chlorodibromomethane	U		0.0113	0.0625
Chloroethane	U		0.0270	0.125
Chloroform	U		0.0104	0.0625
Chloromethane	U		0.0348	0.313
Cyclohexane	U		0.0127	0.0625
2-Chlorotoluene	U		0.0230	0.0625
4-Chlorotoluene	U		0.0283	0.125
1,2-Dibromo-3-Chloropropane	U		0.128	0.625
1,2-Dibromoethane	U		0.0131	0.0625
Dibromomethane	U		0.0250	0.125
1,2-Dichlorobenzene	U		0.0363	0.125
1,3-Dichlorobenzene	U		0.0425	0.125
1,4-Dichlorobenzene	U		0.0493	0.125
Dichlorodifluoromethane	U		0.0205	0.0625
1,1-Dichloroethane	U		0.0144	0.0625
1,2-Dichloroethane	U	E4	0.0119	0.0625
1,1-Dichloroethene	U		0.0125	0.0625
cis-1,2-Dichloroethene	U		0.0173	0.0625
trans-1,2-Dichloroethene	U		0.0358	0.125
1,2-Dichloropropane	U		0.0318	0.125
1,1-Dichloropropene	U		0.0175	0.0625
1,3-Dichloropropane	U		0.0438	0.125
cis-1,3-Dichloropropene	U		0.0170	0.0625
trans-1,3-Dichloropropene	U		0.0383	0.125
2,2-Dichloropropane	U		0.0198	0.0625
Dicyclopentadiene	U		0.0910	0.313

Method Blank (MB)

(MB) R3517400-3 04/09/20 10:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.00875	0.0250
Ethylbenzene	U	E4	0.0133	0.0625
4-Ethyltoluene	U		0.0268	0.125
Hexachloro-1,3-butadiene	U		0.318	0.625
n-Hexane	U		0.0265	0.125
Isopropylbenzene	U		0.0216	0.0625
p-Isopropyltoluene	U	E4	0.0583	0.125
2-Butanone (MEK)	U	E4	0.313	0.625
Methyl Cyclohexane	U		0.0258	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.250	0.625
Methyl tert-butyl ether	U		0.00738	0.0250
Naphthalene	U	E4	0.0780	0.313
Propene	U		0.523	1.25
n-Propylbenzene	U	E4	0.0295	0.125
Styrene	U		0.0683	0.313
1,1,1,2-Tetrachloroethane	U		0.0125	0.0625
1,1,2,2-Tetrachloroethane	U		0.00975	0.0625
Tetrachloroethene	U		0.0175	0.0625
Toluene	U		0.0313	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0169	0.0625
1,2,3-Trichlorobenzene	U	E4	0.0156	0.313
1,2,4-Trichlorobenzene	U		0.121	0.313
1,1,1-Trichloroethane	U		0.00688	0.0625
1,1,2-Trichloroethane	U		0.0221	0.0625
Trichloroethene	U		0.0100	0.0250
Trichlorofluoromethane	U		0.0125	0.0625
1,2,3-Trichloropropane	U		0.128	0.313
1,2,3-Trimethylbenzene	U	E4	0.0288	0.125
1,2,4-Trimethylbenzene	U		0.0290	0.125
1,3,5-Trimethylbenzene	U		0.0270	0.125
Vinyl chloride	U		0.0171	0.0625
Xylenes, Total	U		0.120	0.163
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*90.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517400-1 04/09/20 08:50 • (LCSD) R3517400-2 04/09/20 09:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.870	0.517	139	82.7	10.0-160		R7	50.9	31
Acrylonitrile	0.625	0.757	0.546	121	87.4	45.0-153		R7	32.4	22
Benzene	0.125	0.125	0.122	100	97.6	70.0-123			2.43	20
Bromobenzene	0.125	0.133	0.132	106	106	73.0-121			0.755	20
Bromodichloromethane	0.125	0.116	0.116	92.8	92.8	73.0-121			0.000	20
Bromoform	0.125	0.146	0.142	117	114	64.0-132			2.78	20
Bromomethane	0.125	0.113	0.114	90.4	91.2	56.0-147			0.881	20
1,3-Butadiene	0.125	0.146	0.146	117	117	32.0-150			0.000	20
n-Butylbenzene	0.125	0.130	0.118	104	94.4	68.0-135			9.68	20
sec-Butylbenzene	0.125	0.113	0.110	90.4	88.0	74.0-130			2.69	20
tert-Butylbenzene	0.125	0.116	0.115	92.8	92.0	75.0-127			0.866	20
Carbon disulfide	0.125	0.127	0.123	102	98.4	56.0-133			3.20	20
Carbon tetrachloride	0.125	0.125	0.119	100	95.2	66.0-128			4.92	20
Chlorobenzene	0.125	0.130	0.129	104	103	76.0-128			0.772	20
Chlorodibromomethane	0.125	0.125	0.124	100	99.2	74.0-127			0.803	20
Chloroethane	0.125	0.114	0.113	91.2	90.4	61.0-134			0.881	20
Chloroform	0.125	0.127	0.124	102	99.2	72.0-123			2.39	20
Chloromethane	0.125	0.123	0.123	98.4	98.4	51.0-138			0.000	20
Cyclohexane	0.125	0.130	0.129	104	103	70.0-130			0.772	20
2-Chlorotoluene	0.125	0.121	0.118	96.8	94.4	75.0-124			2.51	20
4-Chlorotoluene	0.125	0.109	0.103	87.2	82.4	75.0-124			5.66	20
1,2-Dibromo-3-Chloropropane	0.125	0.153	0.130	122	104	59.0-130			16.3	20
1,2-Dibromoethane	0.125	0.149	0.141	119	113	74.0-128			5.52	20
Dibromomethane	0.125	0.129	0.125	103	100	75.0-122			3.15	20
1,2-Dichlorobenzene	0.125	0.129	0.115	103	92.0	76.0-124			11.5	20
1,3-Dichlorobenzene	0.125	0.124	0.114	99.2	91.2	76.0-125			8.40	20
1,4-Dichlorobenzene	0.125	0.126	0.120	101	96.0	77.0-121			4.88	20
Dichlorodifluoromethane	0.125	0.106	0.106	84.8	84.8	43.0-156			0.000	20
1,1-Dichloroethane	0.125	0.132	0.131	106	105	70.0-127			0.760	20
1,2-Dichloroethane	0.125	0.105	0.105	84.0	84.0	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.125	0.123	100	98.4	65.0-131			1.61	20
cis-1,2-Dichloroethene	0.125	0.133	0.126	106	101	73.0-125			5.41	20
trans-1,2-Dichloroethene	0.125	0.132	0.129	106	103	71.0-125			2.30	20
1,2-Dichloropropane	0.125	0.124	0.119	99.2	95.2	74.0-125			4.12	20
1,1-Dichloropropene	0.125	0.126	0.121	101	96.8	73.0-125			4.05	20
1,3-Dichloropropane	0.125	0.135	0.130	108	104	80.0-125			3.77	20
cis-1,3-Dichloropropene	0.125	0.117	0.116	93.6	92.8	76.0-127			0.858	20
trans-1,3-Dichloropropene	0.125	0.114	0.116	91.2	92.8	73.0-127			1.74	20
2,2-Dichloropropane	0.125	0.136	0.133	109	106	59.0-135			2.23	20
Dicyclopentadiene	0.125	0.127	0.122	102	97.6	71.0-132			4.02	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517400-1 04/09/20 08:50 • (LCSD) R3517400-2 04/09/20 09:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.121	0.118	96.8	94.4	60.0-136			2.51	20
Ethylbenzene	0.125	0.121	0.118	96.8	94.4	74.0-126			2.51	20
4-Ethyltoluene	0.125	0.139	0.128	111	102	71.0-129			8.24	20
Hexachloro-1,3-butadiene	0.125	0.203	0.165	162	132	57.0-150	L1	R7	20.7	20
n-Hexane	0.125	0.139	0.131	111	105	55.0-137			5.93	20
Isopropylbenzene	0.125	0.141	0.136	113	109	72.0-127			3.61	20
p-Isopropyltoluene	0.125	0.119	0.113	95.2	90.4	72.0-133			5.17	20
2-Butanone (MEK)	0.625	0.654	0.573	105	91.7	30.0-160			13.2	24
Methyl Cyclohexane	0.125	0.133	0.132	106	106	67.0-129			0.755	20
Methylene Chloride	0.125	0.138	0.133	110	106	68.0-123			3.69	20
4-Methyl-2-pentanone (MIBK)	0.625	0.648	0.609	104	97.4	56.0-143			6.21	20
Methyl tert-butyl ether	0.125	0.139	0.127	111	102	66.0-132			9.02	20
Naphthalene	0.125	0.174	0.146	139	117	59.0-130	L1		17.5	20
Propene	0.125	0.213	0.210	170	168	10.0-160	L1	L1	1.42	20
n-Propylbenzene	0.125	0.125	0.119	100	95.2	74.0-126			4.92	20
Styrene	0.125	0.127	0.122	102	97.6	72.0-127			4.02	20
1,1,1,2-Tetrachloroethane	0.125	0.152	0.147	122	118	74.0-129			3.34	20
1,1,2,2-Tetrachloroethane	0.125	0.108	0.103	86.4	82.4	68.0-128			4.74	20
Tetrachloroethene	0.125	0.155	0.151	124	121	70.0-136			2.61	20
Toluene	0.125	0.134	0.131	107	105	75.0-121			2.26	20
1,1,2-Trichlorotrifluoroethane	0.125	0.133	0.135	106	108	61.0-139			1.49	20
1,2,3-Trichlorobenzene	0.125	0.172	0.154	138	123	59.0-139			11.0	20
1,2,4-Trichlorobenzene	0.125	0.182	0.156	146	125	62.0-137	L1		15.4	20
1,1,1-Trichloroethane	0.125	0.123	0.123	98.4	98.4	69.0-126			0.000	20
1,1,2-Trichloroethane	0.125	0.125	0.122	100	97.6	78.0-123			2.43	20
Trichloroethene	0.125	0.150	0.149	120	119	76.0-126			0.669	20
Trichlorofluoromethane	0.125	0.124	0.119	99.2	95.2	61.0-142			4.12	20
1,2,3-Trichloropropane	0.125	0.122	0.118	97.6	94.4	67.0-129			3.33	20
1,2,3-Trimethylbenzene	0.125	0.137	0.129	110	103	74.0-124			6.02	20
1,2,4-Trimethylbenzene	0.125	0.148	0.134	118	107	70.0-126			9.93	20
1,3,5-Trimethylbenzene	0.125	0.137	0.126	110	101	73.0-127			8.37	20
Vinyl chloride	0.125	0.118	0.119	94.4	95.2	63.0-134			0.844	20
Xylenes, Total	0.375	0.390	0.373	104	99.5	72.0-127			4.46	20
(S) Toluene-d8				*101*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.0*	*95.5*	*70.0-130*				

Method Blank (MB)

(MB) R3517442-3 04/09/20 21:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.343	0.625
Acrylonitrile	U		0.0475	0.313
Benzene	U	E4	0.0100	0.0250
Bromobenzene	U		0.0263	0.313
Bromodichloromethane	U		0.0197	0.0625
Bromoform	U		0.150	0.625
Bromomethane	U		0.0925	0.313
1,3-Butadiene	U		0.211	0.625
n-Butylbenzene	U	E4	0.0960	0.313
sec-Butylbenzene	U		0.0633	0.313
tert-Butylbenzene	U		0.0388	0.125
Carbon disulfide	U		0.102	0.313
Carbon tetrachloride	U		0.0270	0.125
Chlorobenzene	U		0.0143	0.0625
Chlorodibromomethane	U		0.0113	0.0625
Chloroethane	U		0.0270	0.125
Chloroform	U	E4	0.0104	0.0625
Chloromethane	U		0.0348	0.313
Cyclohexane	U		0.0127	0.0625
2-Chlorotoluene	U		0.0230	0.0625
4-Chlorotoluene	U		0.0283	0.125
1,2-Dibromo-3-Chloropropane	U		0.128	0.625
1,2-Dibromoethane	U		0.0131	0.0625
Dibromomethane	U		0.0250	0.125
1,2-Dichlorobenzene	U		0.0363	0.125
1,3-Dichlorobenzene	U		0.0425	0.125
1,4-Dichlorobenzene	U		0.0493	0.125
Dichlorodifluoromethane	U		0.0205	0.0625
1,1-Dichloroethane	U		0.0144	0.0625
1,2-Dichloroethane	U		0.0119	0.0625
1,1-Dichloroethene	U		0.0125	0.0625
cis-1,2-Dichloroethene	U		0.0173	0.0625
trans-1,2-Dichloroethene	U		0.0358	0.125
1,2-Dichloropropane	U		0.0318	0.125
1,1-Dichloropropene	U		0.0175	0.0625
1,3-Dichloropropane	U		0.0438	0.125
cis-1,3-Dichloropropene	U		0.0170	0.0625
trans-1,3-Dichloropropene	U		0.0383	0.125
2,2-Dichloropropane	U		0.0198	0.0625
Dicyclopentadiene	U		0.0910	0.313

Method Blank (MB)

(MB) R3517442-3 04/09/20 21:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.00875	0.0250
Ethylbenzene	U	E4	0.0133	0.0625
4-Ethyltoluene	U	E4	0.0268	0.125
Hexachloro-1,3-butadiene	U		0.318	0.625
n-Hexane	U		0.0265	0.125
Isopropylbenzene	U		0.0216	0.0625
p-Isopropyltoluene	U		0.0583	0.125
2-Butanone (MEK)	U		0.313	0.625
Methyl Cyclohexane	U		0.0258	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.250	0.625
Methyl tert-butyl ether	U		0.00738	0.0250
Naphthalene	U	E4	0.0780	0.313
Propene	U		0.523	1.25
n-Propylbenzene	U		0.0295	0.125
Styrene	U		0.0683	0.313
1,1,1,2-Tetrachloroethane	U		0.0125	0.0625
1,1,2,2-Tetrachloroethane	U		0.00975	0.0625
Tetrachloroethene	U		0.0175	0.0625
Toluene	U		0.0313	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0169	0.0625
1,2,3-Trichlorobenzene	U	E4	0.0156	0.313
1,2,4-Trichlorobenzene	U		0.121	0.313
1,1,1-Trichloroethane	U		0.00688	0.0625
1,1,2-Trichloroethane	U		0.0221	0.0625
Trichloroethene	U		0.0100	0.0250
Trichlorofluoromethane	U		0.0125	0.0625
1,2,3-Trichloropropane	U		0.128	0.313
1,2,3-Trimethylbenzene	U	E4	0.0288	0.125
1,2,4-Trimethylbenzene	U	E4	0.0290	0.125
1,3,5-Trimethylbenzene	U	E4	0.0270	0.125
Vinyl chloride	U		0.0171	0.0625
Xylenes, Total	U		0.120	0.163
(S) Toluene-d8	*110*			*75.0-131*
(S) 4-Bromofluorobenzene	*100*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*88.0*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517442-1 04/09/20 19:58 • (LCSD) R3517442-2 04/09/20 20:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.783	0.656	125	105	10.0-160			17.7	31
Acrylonitrile	0.625	0.707	0.653	113	104	45.0-153			7.94	22
Benzene	0.125	0.115	0.115	92.0	92.0	70.0-123			0.000	20
Bromobenzene	0.125	0.128	0.131	102	105	73.0-121			2.32	20
Bromodichloromethane	0.125	0.108	0.109	86.4	87.2	73.0-121			0.922	20
Bromoform	0.125	0.137	0.133	110	106	64.0-132			2.96	20
Bromomethane	0.125	0.102	0.103	81.6	82.4	56.0-147			0.976	20
1,3-Butadiene	0.125	0.131	0.136	105	109	32.0-150			3.75	20
n-Butylbenzene	0.125	0.103	0.107	82.4	85.6	68.0-135			3.81	20
sec-Butylbenzene	0.125	0.102	0.105	81.6	84.0	74.0-130			2.90	20
tert-Butylbenzene	0.125	0.108	0.115	86.4	92.0	75.0-127			6.28	20
Carbon disulfide	0.125	0.109	0.107	87.2	85.6	56.0-133			1.85	20
Carbon tetrachloride	0.125	0.109	0.106	87.2	84.8	66.0-128			2.79	20
Chlorobenzene	0.125	0.121	0.119	96.8	95.2	76.0-128			1.67	20
Chlorodibromomethane	0.125	0.116	0.116	92.8	92.8	74.0-127			0.000	20
Chloroethane	0.125	0.102	0.100	81.6	80.0	61.0-134			1.98	20
Chloroform	0.125	0.118	0.116	94.4	92.8	72.0-123			1.71	20
Chloromethane	0.125	0.115	0.115	92.0	92.0	51.0-138			0.000	20
Cyclohexane	0.125	0.109	0.113	87.2	90.4	70.0-130			3.60	20
2-Chlorotoluene	0.125	0.106	0.111	84.8	88.8	75.0-124			4.61	20
4-Chlorotoluene	0.125	0.106	0.108	84.8	86.4	75.0-124			1.87	20
1,2-Dibromo-3-Chloropropane	0.125	0.120	0.126	96.0	101	59.0-130			4.88	20
1,2-Dibromoethane	0.125	0.137	0.139	110	111	74.0-128			1.45	20
Dibromomethane	0.125	0.123	0.120	98.4	96.0	75.0-122			2.47	20
1,2-Dichlorobenzene	0.125	0.109	0.111	87.2	88.8	76.0-124			1.82	20
1,3-Dichlorobenzene	0.125	0.106	0.112	84.8	89.6	76.0-125			5.50	20
1,4-Dichlorobenzene	0.125	0.112	0.117	89.6	93.6	77.0-121			4.37	20
Dichlorodifluoromethane	0.125	0.0929	0.0944	74.3	75.5	43.0-156			1.60	20
1,1-Dichloroethane	0.125	0.120	0.120	96.0	96.0	70.0-127			0.000	20
1,2-Dichloroethane	0.125	0.0986	0.0984	78.9	78.7	65.0-131			0.203	20
1,1-Dichloroethene	0.125	0.108	0.111	86.4	88.8	65.0-131			2.74	20
cis-1,2-Dichloroethene	0.125	0.117	0.120	93.6	96.0	73.0-125			2.53	20
trans-1,2-Dichloroethene	0.125	0.119	0.118	95.2	94.4	71.0-125			0.844	20
1,2-Dichloropropane	0.125	0.116	0.113	92.8	90.4	74.0-125			2.62	20
1,1-Dichloropropene	0.125	0.107	0.109	85.6	87.2	73.0-125			1.85	20
1,3-Dichloropropane	0.125	0.125	0.127	100	102	80.0-125			1.59	20
cis-1,3-Dichloropropene	0.125	0.108	0.107	86.4	85.6	76.0-127			0.930	20
trans-1,3-Dichloropropene	0.125	0.107	0.112	85.6	89.6	73.0-127			4.57	20
2,2-Dichloropropane	0.125	0.115	0.117	92.0	93.6	59.0-135			1.72	20
Dicyclopentadiene	0.125	0.117	0.123	93.6	98.4	71.0-132			5.00	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517442-1 04/09/20 19:58 • (LCSD) R3517442-2 04/09/20 20:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.115	0.114	92.0	91.2	60.0-136			0.873	20
Ethylbenzene	0.125	0.109	0.109	87.2	87.2	74.0-126			0.000	20
4-Ethyltoluene	0.125	0.113	0.116	90.4	92.8	71.0-129			2.62	20
Hexachloro-1,3-butadiene	0.125	0.123	0.133	98.4	106	57.0-150			7.81	20
n-Hexane	0.125	0.113	0.114	90.4	91.2	55.0-137			0.881	20
Isopropylbenzene	0.125	0.120	0.120	96.0	96.0	72.0-127			0.000	20
p-Isopropyltoluene	0.125	0.102	0.109	81.6	87.2	72.0-133			6.64	20
2-Butanone (MEK)	0.625	0.627	0.613	100	98.1	30.0-160			2.26	24
Methyl Cyclohexane	0.125	0.110	0.110	88.0	88.0	67.0-129			0.000	20
Methylene Chloride	0.125	0.130	0.121	104	96.8	68.0-123			7.17	20
4-Methyl-2-pentanone (MIBK)	0.625	0.636	0.620	102	99.2	56.0-143			2.55	20
Methyl tert-butyl ether	0.125	0.128	0.122	102	97.6	66.0-132			4.80	20
Naphthalene	0.125	0.106	0.119	84.8	95.2	59.0-130			11.6	20
Propene	0.125	0.179	0.201	143	161	10.0-160		L1	11.6	20
n-Propylbenzene	0.125	0.112	0.120	89.6	96.0	74.0-126			6.90	20
Styrene	0.125	0.114	0.114	91.2	91.2	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.132	0.135	106	108	74.0-129			2.25	20
1,1,2,2-Tetrachloroethane	0.125	0.105	0.106	84.0	84.8	68.0-128			0.948	20
Tetrachloroethene	0.125	0.134	0.143	107	114	70.0-136			6.50	20
Toluene	0.125	0.119	0.123	95.2	98.4	75.0-121			3.31	20
1,1,2-Trichlorotrifluoroethane	0.125	0.115	0.114	92.0	91.2	61.0-139			0.873	20
1,2,3-Trichlorobenzene	0.125	0.103	0.117	82.4	93.6	59.0-139			12.7	20
1,2,4-Trichlorobenzene	0.125	0.113	0.123	90.4	98.4	62.0-137			8.47	20
1,1,1-Trichloroethane	0.125	0.108	0.112	86.4	89.6	69.0-126			3.64	20
1,1,2-Trichloroethane	0.125	0.117	0.118	93.6	94.4	78.0-123			0.851	20
Trichloroethene	0.125	0.136	0.134	109	107	76.0-126			1.48	20
Trichlorofluoromethane	0.125	0.105	0.106	84.0	84.8	61.0-142			0.948	20
1,2,3-Trichloropropane	0.125	0.117	0.122	93.6	97.6	67.0-129			4.18	20
1,2,3-Trimethylbenzene	0.125	0.118	0.125	94.4	100	74.0-124			5.76	20
1,2,4-Trimethylbenzene	0.125	0.114	0.112	91.2	89.6	70.0-126			1.77	20
1,3,5-Trimethylbenzene	0.125	0.112	0.117	89.6	93.6	73.0-127			4.37	20
Vinyl chloride	0.125	0.105	0.105	84.0	84.0	63.0-134			0.000	20
Xylenes, Total	0.375	0.332	0.329	88.5	87.7	72.0-127			0.908	20
(S) Toluene-d8				*102*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*102*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*97.1*	*96.2*	*70.0-130*				

Method Blank (MB)

(MB) R3517255-4 04/09/20 09:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0100	0.0500
Acrolein	U		0.00887	0.0500
Acrylonitrile	U		0.00187	0.0100
Benzene	U		0.000331	0.00100
Bromobenzene	U		0.000352	0.00100
Bromodichloromethane	U		0.000380	0.00100
Bromoform	U		0.000469	0.00100
Bromomethane	U		0.000866	0.00500
1,3-Butadiene	U		0.000330	0.00200
n-Butylbenzene	U		0.000361	0.00100
sec-Butylbenzene	U		0.000365	0.00100
tert-Butylbenzene	U		0.000399	0.00100
Carbon disulfide	U		0.000275	0.00100
Carbon tetrachloride	U		0.000379	0.00100
Chlorobenzene	U		0.000348	0.00100
Chlorodibromomethane	U		0.000327	0.00100
Chloroethane	U		0.000453	0.00500
Chloroform	U		0.000324	0.00500
Chloromethane	U		0.000276	0.00250
Cyclohexane	U		0.000390	0.00100
2-Chlorotoluene	U		0.000375	0.00100
4-Chlorotoluene	U		0.000351	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00133	0.00500
1,2-Dibromoethane	U		0.000381	0.00100
Dibromomethane	U		0.000346	0.00100
1,2-Dichlorobenzene	U		0.000349	0.00100
1,3-Dichlorobenzene	U		0.000220	0.00100
1,4-Dichlorobenzene	U		0.000274	0.00100
Dichlorodifluoromethane	U		0.000551	0.00500
1,1-Dichloroethane	U		0.000259	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
1,1-Dichloroethene	U		0.000398	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
trans-1,2-Dichloroethene	U		0.000396	0.00100
1,2-Dichloropropane	U		0.000306	0.00100
1,1-Dichloropropene	U		0.000352	0.00100
1,3-Dichloropropane	U		0.000366	0.00100
cis-1,3-Dichloropropene	U		0.000418	0.00100
trans-1,3-Dichloropropene	U		0.000419	0.00100
2,2-Dichloropropane	U		0.000321	0.00100

Method Blank (MB)

(MB) R3517255-4 04/09/20 09:44

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dicyclopentadiene	U		0.000219	0.00100
Di-isopropyl ether	U		0.000320	0.00100
Ethylbenzene	U		0.000384	0.00100
4-Ethyltoluene	U		0.000172	0.00100
Hexachloro-1,3-butadiene	U		0.000256	0.00100
n-Hexane	U		0.000736	0.0100
Isopropylbenzene	U		0.000326	0.00100
p-Isopropyltoluene	U		0.000350	0.00100
2-Butanone (MEK)	U		0.00393	0.0100
Methyl Cyclohexane	U		0.000380	0.00100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
Propene	U		0.000975	0.00250
n-Propylbenzene	U		0.000349	0.00100
Styrene	U		0.000307	0.00100
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100
Tetrachloroethene	U		0.000372	0.00100
Toluene	U		0.000412	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000303	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.00100
1,1,1-Trichloroethane	U		0.000319	0.00100
1,1,2-Trichloroethane	U		0.000383	0.00100
Trichloroethene	U		0.000398	0.00100
Trichlorofluoromethane	U		0.00120	0.00500
1,2,3-Trichloropropane	U		0.000807	0.00250
1,2,3-Trimethylbenzene	U		0.000321	0.00100
1,2,4-Trimethylbenzene	U		0.000373	0.00100
1,3,5-Trimethylbenzene	U		0.000387	0.00100
Vinyl chloride	U		0.000259	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*105*			*80.0-120*
(S) 4-Bromofluorobenzene	*97.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*92.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517255-1 04/09/20 07:35 • (LCSD) R3517255-2 04/09/20 07:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0246	0.0245	98.4	98.0	19.0-160			0.407	27
Acrolein	0.0250	0.0561	0.0584	224	234	10.0-160	L1	L1	4.02	26
Acrylonitrile	0.0250	0.0245	0.0244	98.0	97.6	55.0-149			0.409	20
Benzene	0.00500	0.00515	0.00516	103	103	70.0-123			0.194	20
Bromobenzene	0.00500	0.00461	0.00473	92.2	94.6	73.0-121			2.57	20
Bromodichloromethane	0.00500	0.00505	0.00505	101	101	75.0-120			0.000	20
Bromoform	0.00500	0.00523	0.00529	105	106	68.0-132			1.14	20
Bromomethane	0.00500	0.00504	0.00497	101	99.4	10.0-160			1.40	25
1,3-Butadiene	0.00500	0.00419	0.00431	83.8	86.2	45.0-147			2.82	20
n-Butylbenzene	0.00500	0.00437	0.00454	87.4	90.8	73.0-125			3.82	20
sec-Butylbenzene	0.00500	0.00456	0.00468	91.2	93.6	75.0-125			2.60	20
tert-Butylbenzene	0.00500	0.00465	0.00473	93.0	94.6	76.0-124			1.71	20
Carbon disulfide	0.00500	0.00501	0.00512	100	102	61.0-128			2.17	20
Carbon tetrachloride	0.00500	0.00486	0.00494	97.2	98.8	68.0-126			1.63	20
Chlorobenzene	0.00500	0.00506	0.00514	101	103	80.0-121			1.57	20
Chlorodibromomethane	0.00500	0.00502	0.00517	100	103	77.0-125			2.94	20
Chloroethane	0.00500	0.00463	0.00473	92.6	94.6	47.0-150			2.14	20
Chloroform	0.00500	0.00501	0.00491	100	98.2	73.0-120			2.02	20
Chloromethane	0.00500	0.00503	0.00498	101	99.6	41.0-142			0.999	20
Cyclohexane	0.00500	0.00481	0.00477	96.2	95.4	71.0-124			0.835	20
2-Chlorotoluene	0.00500	0.00468	0.00481	93.6	96.2	76.0-123			2.74	20
4-Chlorotoluene	0.00500	0.00457	0.00469	91.4	93.8	75.0-122			2.59	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00427	0.00450	85.4	90.0	58.0-134			5.25	20
1,2-Dibromoethane	0.00500	0.00518	0.00529	104	106	80.0-122			2.10	20
Dibromomethane	0.00500	0.00493	0.00505	98.6	101	80.0-120			2.40	20
1,2-Dichlorobenzene	0.00500	0.00487	0.00500	97.4	100	79.0-121			2.63	20
1,3-Dichlorobenzene	0.00500	0.00479	0.00487	95.8	97.4	79.0-120			1.66	20
1,4-Dichlorobenzene	0.00500	0.00483	0.00496	96.6	99.2	79.0-120			2.66	20
Dichlorodifluoromethane	0.00500	0.00549	0.00555	110	111	51.0-149			1.09	20
1,1-Dichloroethane	0.00500	0.00488	0.00480	97.6	96.0	70.0-126			1.65	20
1,2-Dichloroethane	0.00500	0.00462	0.00472	92.4	94.4	70.0-128			2.14	20
1,1-Dichloroethene	0.00500	0.00493	0.00493	98.6	98.6	71.0-124			0.000	20
cis-1,2-Dichloroethene	0.00500	0.00491	0.00480	98.2	96.0	73.0-120			2.27	20
trans-1,2-Dichloroethene	0.00500	0.00495	0.00494	99.0	98.8	73.0-120			0.202	20
1,2-Dichloropropane	0.00500	0.00517	0.00521	103	104	77.0-125			0.771	20
1,1-Dichloropropene	0.00500	0.00493	0.00496	98.6	99.2	74.0-126			0.607	20
1,3-Dichloropropane	0.00500	0.00503	0.00525	101	105	80.0-120			4.28	20
cis-1,3-Dichloropropene	0.00500	0.00490	0.00499	98.0	99.8	80.0-123			1.82	20
trans-1,3-Dichloropropene	0.00500	0.00459	0.00481	91.8	96.2	78.0-124			4.68	20
2,2-Dichloropropane	0.00500	0.00521	0.00500	104	100	58.0-130			4.11	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517255-1 04/09/20 07:35 • (LCSD) R3517255-2 04/09/20 07:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	0.00500	0.00434	0.00443	86.8	88.6	74.0-126			2.05	20
Di-isopropyl ether	0.00500	0.00461	0.00461	92.2	92.2	58.0-138			0.000	20
Ethylbenzene	0.00500	0.00505	0.00520	101	104	79.0-123			2.93	20
4-Ethyltoluene	0.00500	0.00458	0.00471	91.6	94.2	74.0-127			2.80	20
Hexachloro-1,3-butadiene	0.00500	0.00450	0.00476	90.0	95.2	54.0-138			5.62	20
n-Hexane	0.00500	0.00467	0.00482	93.4	96.4	57.0-133			3.16	20
Isopropylbenzene	0.00500	0.00501	0.00517	100	103	76.0-127			3.14	20
p-Isopropyltoluene	0.00500	0.00467	0.00476	93.4	95.2	76.0-125			1.91	20
2-Butanone (MEK)	0.0250	0.0242	0.0243	96.8	97.2	44.0-160			0.412	20
Methyl Cyclohexane	0.00500	0.00478	0.00469	95.6	93.8	68.0-126			1.90	20
Methylene Chloride	0.00500	0.00509	0.00510	102	102	67.0-120			0.196	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0237	0.0242	94.8	96.8	68.0-142			2.09	20
Methyl tert-butyl ether	0.00500	0.00516	0.00525	103	105	68.0-125			1.73	20
Naphthalene	0.00500	0.00367	0.00393	73.4	78.6	54.0-135			6.84	20
Propene	0.00500	0.00341	0.00302	68.2	60.4	10.0-160			12.1	20
n-Propylbenzene	0.00500	0.00453	0.00465	90.6	93.0	77.0-124			2.61	20
Styrene	0.00500	0.00529	0.00531	106	106	73.0-130			0.377	20
1,1,1,2-Tetrachloroethane	0.00500	0.00522	0.00520	104	104	75.0-125			0.384	20
1,1,2,2-Tetrachloroethane	0.00500	0.00460	0.00465	92.0	93.0	65.0-130			1.08	20
Tetrachloroethene	0.00500	0.00544	0.00567	109	113	72.0-132			4.14	20
Toluene	0.00500	0.00501	0.00516	100	103	79.0-120			2.95	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00509	0.00486	102	97.2	69.0-132			4.62	20
1,2,3-Trichlorobenzene	0.00500	0.00434	0.00465	86.8	93.0	50.0-138			6.90	20
1,2,4-Trichlorobenzene	0.00500	0.00454	0.00481	90.8	96.2	57.0-137			5.78	20
1,1,1-Trichloroethane	0.00500	0.00494	0.00502	98.8	100	73.0-124			1.61	20
1,1,2-Trichloroethane	0.00500	0.00529	0.00539	106	108	80.0-120			1.87	20
Trichloroethene	0.00500	0.00509	0.00515	102	103	78.0-124			1.17	20
Trichlorofluoromethane	0.00500	0.00535	0.00525	107	105	59.0-147			1.89	20
1,2,3-Trichloropropane	0.00500	0.00478	0.00491	95.6	98.2	73.0-130			2.68	20
1,2,3-Trimethylbenzene	0.00500	0.00479	0.00494	95.8	98.8	77.0-120			3.08	20
1,2,4-Trimethylbenzene	0.00500	0.00459	0.00478	91.8	95.6	76.0-121			4.06	20
1,3,5-Trimethylbenzene	0.00500	0.00457	0.00475	91.4	95.0	76.0-122			3.86	20
Vinyl chloride	0.00500	0.00487	0.00469	97.4	93.8	67.0-131			3.77	20
Xylenes, Total	0.0150	0.0158	0.0161	105	107	79.0-123			1.88	20
(S) Toluene-d8				*101*	*102*	*80.0-120*				
(S) 4-Bromofluorobenzene				*96.9*	*96.4*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*95.0*	*94.0*	*70.0-130*				

L1206274-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206274-04 04/09/20 12:26 • (MS) R3517255-5 04/09/20 19:33 • (MSD) R3517255-6 04/09/20 19:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0141	0.0183	0.0216	16.8	30.0	1	10.0-160			16.5	35
Acrolein	0.0250	U	0.0248	0.0246	99.2	98.4	1	10.0-160			0.810	39
Acrylonitrile	0.0250	U	0.0134	0.0145	53.6	58.0	1	21.0-160			7.89	32
Benzene	0.00500	U	0.00327	0.00319	65.4	63.8	1	17.0-158			2.48	27
Bromobenzene	0.00500	U	0.00236	0.00236	47.2	47.2	1	30.0-149			0.000	28
Bromodichloromethane	0.00500	U	0.00308	0.00321	61.6	64.2	1	31.0-150			4.13	27
Bromoform	0.00500	U	0.00306	0.00304	61.2	60.8	1	29.0-150			0.656	29
Bromomethane	0.00500	U	0.00346	0.00337	69.2	67.4	1	10.0-160			2.64	38
n-Butylbenzene	0.00500	U	0.00146	0.00163	29.2	32.6	1	31.0-150	M2		11.0	30
sec-Butylbenzene	0.00500	U	0.00172	0.00179	34.4	35.8	1	33.0-155			3.99	29
tert-Butylbenzene	0.00500	U	0.00187	0.00197	37.4	39.4	1	34.0-153			5.21	28
Carbon disulfide	0.00500	U	0.00325	0.00327	65.0	65.4	1	10.0-156			0.613	28
Carbon tetrachloride	0.00500	U	0.00280	0.00284	56.0	56.8	1	23.0-159			1.42	28
Chlorobenzene	0.00500	U	0.00285	0.00291	57.0	58.2	1	33.0-152			2.08	27
Chlorodibromomethane	0.00500	U	0.00307	0.00307	61.4	61.4	1	37.0-149			0.000	27
Chloroethane	0.00500	U	0.00324	0.00304	64.8	60.8	1	10.0-160			6.37	30
Chloroform	0.00500	U	0.00302	0.00308	60.4	61.6	1	29.0-154			1.97	28
Chloromethane	0.00500	U	0.00360	0.00346	72.0	69.2	1	10.0-160			3.97	29
2-Chlorotoluene	0.00500	U	0.00212	0.00221	42.4	44.2	1	32.0-153			4.16	28
4-Chlorotoluene	0.00500	U	0.00211	0.00219	42.2	43.8	1	32.0-150			3.72	28
1,2-Dibromo-3-Chloropropane	0.00500	U	0.00184	0.00186	36.8	37.2	1	22.0-151			1.08	34
Cyclohexane	0.00500	U	0.00245	0.00248	49.0	49.6	1	19.0-160			1.22	23
Dibromomethane	0.00500	U	0.00316	0.00311	63.2	62.2	1	30.0-151			1.59	27
1,2-Dichlorobenzene	0.00500	U	0.00219	0.00220	43.8	44.0	1	34.0-149			0.456	28
1,2-Dibromoethane	0.00500	U	0.00311	0.00313	62.2	62.6	1	34.0-147			0.641	27
1,3-Dichlorobenzene	0.00500	U	0.00209	0.00224	41.8	44.8	1	36.0-146			6.93	27
1,4-Dichlorobenzene	0.00500	U	0.00209	0.00223	41.8	44.6	1	35.0-142			6.48	27
Dichlorodifluoromethane	0.00500	U	0.00351	0.00368	70.2	73.6	1	10.0-160			4.73	29
1,1-Dichloroethane	0.00500	U	0.00308	0.00307	61.6	61.4	1	25.0-158			0.325	27
1,2-Dichloroethane	0.00500	U	0.00298	0.00303	59.6	60.6	1	29.0-151			1.66	27
1,3-Butadiene	0.00500	U	0.00299	0.00307	59.8	61.4	1	10.0-160			2.64	22
1,1-Dichloroethene	0.00500	U	0.00324	0.00317	64.8	63.4	1	11.0-160			2.18	29
cis-1,2-Dichloroethene	0.00500	U	0.00309	0.00315	61.8	63.0	1	10.0-160			1.92	27
trans-1,2-Dichloroethene	0.00500	U	0.00314	0.00317	62.8	63.4	1	17.0-153			0.951	27
1,2-Dichloropropane	0.00500	U	0.00308	0.00323	61.6	64.6	1	30.0-156			4.75	27
1,1-Dichloropropene	0.00500	U	0.00290	0.00305	58.0	61.0	1	25.0-158			5.04	27
1,3-Dichloropropane	0.00500	U	0.00309	0.00304	61.8	60.8	1	38.0-147			1.63	27
cis-1,3-Dichloropropene	0.00500	U	0.00302	0.00305	60.4	61.0	1	34.0-149			0.988	28
trans-1,3-Dichloropropene	0.00500	U	0.00285	0.00281	57.0	56.2	1	32.0-149			1.41	28
2,2-Dichloropropane	0.00500	U	0.00300	0.00306	60.0	61.2	1	24.0-152			1.98	29

L1206274-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206274-04 04/09/20 12:26 • (MS) R3517255-5 04/09/20 19:33 • (MSD) R3517255-6 04/09/20 19:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.00500	U	0.00257	0.00265	51.4	53.0	1	21.0-160			3.07	28
Ethylbenzene	0.00500	U	0.00272	0.00280	54.4	56.0	1	30.0-155			2.90	27
Hexachloro-1,3-butadiene	0.00500	U	0.000805	0.00136	16.1	27.2	1	20.0-154	M2	R5	51.3	34
Isopropylbenzene	0.00500	U	0.00240	0.00249	48.0	49.8	1	28.0-157			3.68	27
p-Isopropyltoluene	0.00500	U	0.00165	0.00181	33.0	36.2	1	30.0-154			9.25	29
2-Butanone (MEK)	0.0250	U	0.0156	0.0167	62.4	66.8	1	10.0-160			6.81	32
Methylene Chloride	0.00500	U	0.00326	0.00317	65.2	63.4	1	23.0-144			2.80	28
Methyl Cyclohexane	0.00500	U	0.00251	0.00235	50.2	47.0	1	11.0-160			6.58	24
4-Methyl-2-pentanone (MIBK)	0.0250	U	0.0155	0.0162	62.0	64.8	1	29.0-160			4.42	29
Methyl tert-butyl ether	0.00500	U	0.00284	0.00294	56.8	58.8	1	28.0-150			3.46	29
Naphthalene	0.00500	U	0.00101	0.00150	20.2	30.0	1	12.0-156		R5	39.0	35
n-Propylbenzene	0.00500	U	0.00194	0.00205	38.8	41.0	1	31.0-154			5.51	28
Styrene	0.00500	U	0.00258	0.00266	51.6	53.2	1	33.0-155			3.05	28
1,1,1,2-Tetrachloroethane	0.00500	U	0.00285	0.00285	57.0	57.0	1	36.0-151			0.000	29
1,1,2,2-Tetrachloroethane	0.00500	U	0.00237	0.00228	47.4	45.6	1	33.0-150			3.87	28
Dicyclopentadiene	0.00500	U	0.00173	0.00180	34.6	36.0	1	51.0-139	M2	M2	3.97	20
Tetrachloroethene	0.00500	U	0.00268	0.00292	53.6	58.4	1	10.0-160			8.57	27
Toluene	0.00500	U	0.00314	0.00322	62.8	64.4	1	26.0-154			2.52	28
1,1,2-Trichlorotrifluoroethane	0.00500	U	0.00257	0.00278	51.4	55.6	1	23.0-160			7.85	30
1,2,3-Trichlorobenzene	0.00500	U	0.000894	0.00146	17.9	29.2	1	17.0-150		R5	48.1	36
4-Ethyltoluene	0.00500	U	0.00185	0.00199	37.0	39.8	1	10.0-160			7.29	20
1,2,4-Trichlorobenzene	0.00500	U	0.00124	0.00167	24.8	33.4	1	24.0-150			29.6	33
1,1,1-Trichloroethane	0.00500	U	0.00290	0.00296	58.0	59.2	1	23.0-160			2.05	28
1,1,2-Trichloroethane	0.00500	U	0.00309	0.00312	61.8	62.4	1	35.0-147			0.966	27
n-Hexane	0.00500	U	0.00191	0.00225	38.2	45.0	1	10.0-153			16.3	28
Trichloroethene	0.00500	U	0.00309	0.00320	61.8	64.0	1	10.0-160			3.50	25
1,2,3-Trichloropropane	0.00500	U	0.00237	0.00239	47.4	47.8	1	34.0-151			0.840	29
Trichlorofluoromethane	0.00500	U	0.00331	0.00343	66.2	68.6	1	17.0-160			3.56	31
1,2,3-Trimethylbenzene	0.00500	U	0.00206	0.00211	41.2	42.2	1	32.0-149			2.40	28
1,2,4-Trimethylbenzene	0.00500	U	0.00187	0.00203	37.4	40.6	1	26.0-154			8.21	27
1,3,5-Trimethylbenzene	0.00500	U	0.00192	0.00197	38.4	39.4	1	28.0-153			2.57	27
Vinyl chloride	0.00500	U	0.00349	0.00339	69.8	67.8	1	10.0-160			2.91	27
Xylenes, Total	0.0150	U	0.00817	0.00850	54.5	56.7	1	29.0-154			3.96	28
Propene	0.00500	U	0.00335	0.00318	67.0	63.6	1	10.0-160			5.21	29
(S) Toluene-d8					*98.2*	*98.7*		*80.0-120*				
(S) 4-Bromofluorobenzene					*98.6*	*96.8*		*77.0-126*				
(S) 1,2-Dichloroethane-d4					*96.7*	*95.9*		*70.0-130*				

Method Blank (MB)

(MB) R3517818-1 04/12/20 13:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*96.4*		*10.0-128*	
(S) Tetrachloro-m-xylene	*88.4*		*10.0-127*	

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517818-2 04/12/20 13:43 • (LCSD) R3517818-3 04/12/20 13:57

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.00250	0.00213	0.00269	85.2	108	42.0-131			23.2	25
PCB 1016	0.00250	0.00240	0.00257	96.0	103	36.0-135			6.84	29
(S) Decachlorobiphenyl				*75.5*	*98.0*	*10.0-128*				
(S) Tetrachloro-m-xylene				*85.9*	*92.0*	*10.0-127*				

Method Blank (MB)

(MB) R3519857-1 04/17/20 21:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*123*		*10.0-135*	
(S) Tetrachloro-m-xylene	*111*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3519857-2 04/17/20 21:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.177	106	37.0-145	
PCB 1016	0.167	0.172	103	36.0-141	
(S) Decachlorobiphenyl			*118*	*10.0-135*	
(S) Tetrachloro-m-xylene			*107*	*10.0-139*	

L1206843-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206843-03 04/17/20 21:55 • (MS) R3519857-3 04/17/20 22:07 • (MSD) R3519857-4 04/17/20 22:20

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.163	ND	0.137	0.160	84.0	98.8	1	10.0-160			15.5	38
PCB 1016	0.163	ND	0.144	0.167	88.3	103	1	10.0-160			14.8	37
(S) Decachlorobiphenyl					*105*	*104*		*10.0-135*				
(S) Tetrachloro-m-xylene					*97.7*	*100*		*10.0-139*				

Method Blank (MB)

(MB) R3519928-1 04/19/20 13:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*120*			*10.0-135*
(S) Tetrachloro-m-xylene	*88.6*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3519928-2 04/19/20 14:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.203	122	37.0-145	
PCB 1016	0.167	0.179	107	36.0-141	
(S) Decachlorobiphenyl			*111*	*10.0-135*	
(S) Tetrachloro-m-xylene			*102*	*10.0-139*	

L1206843-24 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206843-24 04/19/20 15:27 • (MS) R3519928-3 04/19/20 15:41 • (MSD) R3519928-4 04/19/20 15:55

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.152	0.181	91.0	108	1	10.0-160			17.4	38
PCB 1016	0.167	ND	0.129	0.153	77.2	91.6	1	10.0-160			17.0	37
(S) Decachlorobiphenyl					*88.0*	*97.3*		*10.0-135*				
(S) Tetrachloro-m-xylene					*80.5*	*88.6*		*10.0-139*				

Method Blank (MB)

(MB) R3518302-3 04/14/20 02:24

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000190	0.0000500
Acenaphthene	U		0.0000190	0.0000500
Acenaphthylene	U		0.0000170	0.0000500
Benzo(a)anthracene	U		0.0000200	0.0000500
Benzo(a)pyrene	U		0.0000180	0.0000500
Benzo(b)fluoranthene	U		0.0000170	0.0000500
Benzo(g,h,i)perylene	U		0.0000180	0.0000500
Benzo(k)fluoranthene	U		0.0000200	0.000250
Chrysene	U		0.0000180	0.0000500
Dibenz(a,h)anthracene	U		0.0000180	0.0000500
Fluoranthene	U		0.0000110	0.0000500
Fluorene	U		0.0000170	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000180	0.0000500
Naphthalene	U		0.000128	0.000500
Phenanthrene	U		0.0000180	0.0000500
Pyrene	U		0.0000170	0.0000500
1-Methylnaphthalene	U		0.0000200	0.000500
2-Methylnaphthalene	U		0.0000280	0.000500
2-Chloronaphthalene	U		0.0000120	0.000500
(S) Nitrobenzene-d5	*73.5*			*11.0-135*
(S) 2-Methylnaphthalene-d10	*98.5*			*50.0-150*
(S) 2-Fluorobiphenyl	*89.0*			*32.0-120*
(S) Fluoranthene-d10	*112*			*50.0-150*
(S) p-Terphenyl-d14	*87.0*			*23.0-122*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518302-1 04/14/20 01:42 • (LCSD) R3518302-2 04/14/20 02:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00174	0.00181	87.0	90.5	43.0-127			3.94	20
Acenaphthene	0.00200	0.00158	0.00166	79.0	83.0	42.0-120			4.94	20
Acenaphthylene	0.00200	0.00168	0.00177	84.0	88.5	43.0-120			5.22	20
Benzo(a)anthracene	0.00200	0.00173	0.00183	86.5	91.5	46.0-120			5.62	20
Benzo(a)pyrene	0.00200	0.00167	0.00175	83.5	87.5	44.0-122			4.68	20
Benzo(b)fluoranthene	0.00200	0.00165	0.00174	82.5	87.0	43.0-122			5.31	20
Benzo(g,h,i)perylene	0.00200	0.00170	0.00177	85.0	88.5	25.0-137			4.03	23
Benzo(k)fluoranthene	0.00200	0.00165	0.00171	82.5	85.5	39.0-128			3.57	22
Chrysene	0.00200	0.00172	0.00181	86.0	90.5	42.0-129			5.10	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518302-1 04/14/20 01:42 • (LCSD) R3518302-2 04/14/20 02:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dibenz(a,h)anthracene	0.00200	0.00169	0.00177	84.5	88.5	25.0-139			4.62	22
Fluoranthene	0.00200	0.00184	0.00192	92.0	96.0	48.0-131			4.26	20
Fluorene	0.00200	0.00164	0.00172	82.0	86.0	42.0-120			4.76	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00169	0.00177	84.5	88.5	37.0-133			4.62	20
Naphthalene	0.00200	0.00160	0.00169	80.0	84.5	30.0-120			5.47	22
Phenanthrene	0.00200	0.00159	0.00166	79.5	83.0	42.0-120			4.31	20
Pyrene	0.00200	0.00159	0.00166	79.5	83.0	38.0-124			4.31	20
1-Methylnaphthalene	0.00200	0.00176	0.00185	88.0	92.5	43.0-120			4.99	20
2-Methylnaphthalene	0.00200	0.00168	0.00176	84.0	88.0	40.0-120			4.65	20
2-Chloronaphthalene	0.00200	0.00159	0.00167	79.5	83.5	39.0-120			4.91	20
(S) Nitrobenzene-d5				*70.0*	*74.5*	*11.0-135*				
(S) 2-Methylnaphthalene-d10				*93.5*	*99.0*	*50.0-150*				
(S) 2-Fluorobiphenyl				*84.5*	*89.0*	*32.0-120*				
(S) Fluoranthene-d10				*107*	*112*	*50.0-150*				
(S) p-Terphenyl-d14				*82.5*	*87.5*	*23.0-122*				

Method Blank (MB)

(MB) R3517776-2 04/11/20 12:41

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*95.4*			*14.0-149*
(S) 2-Fluorobiphenyl	*85.1*			*34.0-125*
(S) p-Terphenyl-d14	*84.5*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3517776-1 04/11/20 12:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0655	81.9	50.0-126	
Acenaphthene	0.0800	0.0653	81.6	50.0-120	
Acenaphthylene	0.0800	0.0749	93.6	50.0-120	
Benzo(a)anthracene	0.0800	0.0686	85.8	45.0-120	
Benzo(a)pyrene	0.0800	0.0618	77.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0585	73.1	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0629	78.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0628	78.5	49.0-125	
Chrysene	0.0800	0.0629	78.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0665	83.1	47.0-125	
Fluoranthene	0.0800	0.0629	78.6	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3517776-1 04/11/20 12:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0663	82.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0654	81.8	46.0-125	
Naphthalene	0.0800	0.0586	73.3	50.0-120	
Phenanthrene	0.0800	0.0623	77.9	47.0-120	
Pyrene	0.0800	0.0612	76.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0622	77.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0584	73.0	50.0-120	
2-Chloronaphthalene	0.0800	0.0661	82.6	50.0-120	
(S) Nitrobenzene-d5			*102*	*14.0-149*	
(S) 2-Fluorobiphenyl			*90.8*	*34.0-125*	
(S) p-Terphenyl-d14			*89.4*	*23.0-120*	

L1206794-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-14 04/11/20 14:25 • (MS) R3517776-3 04/11/20 14:45 • (MSD) R3517776-4 04/11/20 15:06

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0650	0.0668	81.3	83.5	1	10.0-145			2.73	30
Acenaphthene	0.0800	ND	0.0649	0.0666	81.1	83.3	1	14.0-127			2.59	27
Acenaphthylene	0.0800	ND	0.0739	0.0766	92.4	95.8	1	21.0-124			3.59	25
Benzo(a)anthracene	0.0800	ND	0.0679	0.0694	84.9	86.8	1	10.0-139			2.18	30
Benzo(a)pyrene	0.0800	ND	0.0628	0.0644	78.5	80.5	1	10.0-141			2.52	31
Benzo(b)fluoranthene	0.0800	ND	0.0596	0.0611	74.5	76.4	1	10.0-140			2.49	36
Benzo(g,h,i)perylene	0.0800	ND	0.0625	0.0639	78.1	79.9	1	10.0-140			2.22	33
Benzo(k)fluoranthene	0.0800	ND	0.0615	0.0632	76.9	79.0	1	10.0-137			2.73	31
Chrysene	0.0800	ND	0.0619	0.0635	77.4	79.4	1	10.0-145			2.55	30
Dibenz(a,h)anthracene	0.0800	ND	0.0665	0.0682	83.1	85.3	1	10.0-132			2.52	31
Fluoranthene	0.0800	ND	0.0629	0.0646	78.6	80.7	1	10.0-153			2.67	33
Fluorene	0.0800	ND	0.0654	0.0675	81.8	84.4	1	11.0-130			3.16	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0652	0.0670	81.5	83.8	1	10.0-137			2.72	32
Naphthalene	0.0800	ND	0.0576	0.0599	72.0	74.9	1	10.0-135			3.91	27
Phenanthrene	0.0800	ND	0.0610	0.0633	76.3	79.1	1	10.0-144			3.70	31
Pyrene	0.0800	ND	0.0602	0.0614	75.3	76.8	1	10.0-148			1.97	35
1-Methylnaphthalene	0.0800	ND	0.0609	0.0631	76.1	78.9	1	10.0-142			3.55	28
2-Methylnaphthalene	0.0800	ND	0.0574	0.0595	71.8	74.4	1	10.0-137			3.59	28
2-Chloronaphthalene	0.0800	ND	0.0650	0.0677	81.3	84.6	1	29.0-120			4.07	24
(S) Nitrobenzene-d5					*98.2*	*101*		*14.0-149*				
(S) 2-Fluorobiphenyl					*87.4*	*88.8*		*34.0-125*				
(S) p-Terphenyl-d14					*86.7*	*88.4*		*23.0-120*				

Method Blank (MB)

(MB) R3517921-2 04/13/20 00:10

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.000600	0.00600
Acenaphthene	U		0.000600	0.00600
Acenaphthylene	U		0.000600	0.00600
Benzo(a)anthracene	U		0.000600	0.00600
Benzo(a)pyrene	U		0.000600	0.00600
Benzo(b)fluoranthene	U		0.000600	0.00600
Benzo(g,h,i)perylene	U		0.000600	0.00600
Benzo(k)fluoranthene	U		0.000600	0.00600
Chrysene	U		0.000600	0.00600
Dibenz(a,h)anthracene	U		0.000600	0.00600
Fluoranthene	U		0.000600	0.00600
Fluorene	U		0.000600	0.00600
Indeno(1,2,3-cd)pyrene	U		0.000600	0.00600
Naphthalene	U		0.00200	0.0200
Phenanthrene	U		0.000600	0.00600
Pyrene	U		0.000600	0.00600
1-Methylnaphthalene	U		0.00200	0.0200
2-Methylnaphthalene	U		0.00200	0.0200
2-Chloronaphthalene	U		0.00200	0.0200
(S) Nitrobenzene-d5	*80.0*			*14.0-149*
(S) 2-Fluorobiphenyl	*99.3*			*34.0-125*
(S) p-Terphenyl-d14	*96.8*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3517921-1 04/12/20 23:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0688	86.0	50.0-126	
Acenaphthene	0.0800	0.0617	77.1	50.0-120	
Acenaphthylene	0.0800	0.0665	83.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0647	80.9	45.0-120	
Benzo(a)pyrene	0.0800	0.0538	67.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0580	72.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0546	68.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0548	68.5	49.0-125	
Chrysene	0.0800	0.0666	83.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0594	74.3	47.0-125	
Fluoranthene	0.0800	0.0696	87.0	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3517921-1 04/12/20 23:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0657	82.1	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0581	72.6	46.0-125	
Naphthalene	0.0800	0.0559	69.9	50.0-120	
Phenanthrene	0.0800	0.0662	82.8	47.0-120	
Pyrene	0.0800	0.0614	76.8	43.0-123	
1-Methylnaphthalene	0.0800	0.0681	85.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0645	80.6	50.0-120	
2-Chloronaphthalene	0.0800	0.0700	87.5	50.0-120	
(S) Nitrobenzene-d5			*76.0*	*14.0-149*	
(S) 2-Fluorobiphenyl			*90.6*	*34.0-125*	
(S) p-Terphenyl-d14			*92.1*	*23.0-120*	

L1207876-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207876-03 04/13/20 07:48 • (MS) R3517921-3 04/13/20 08:11 • (MSD) R3517921-4 04/13/20 08:34

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0834	0.00403	0.248	0.108	293	125	1	10.0-145	M1	R5	78.4	30
Acenaphthene	0.0834	U	0.125	0.0632	150	75.8	1	14.0-127	M1	R5	65.8	27
Acenaphthylene	0.0834	U	0.0694	0.0656	83.3	78.6	1	21.0-124			5.71	25
Benzo(a)anthracene	0.0834	0.0481	0.997	0.833	1140	941	1	10.0-139	M1	M1	17.9	30
Benzo(a)pyrene	0.0834	0.0525	0.798	0.780	893	872	1	10.0-141	M1	M1	2.25	31
Benzo(b)fluoranthene	0.0834	0.0867	1.02	1.34	1120	1510	1	10.0-140	M1	M1	27.7	36
Benzo(g,h,i)perylene	0.0834	0.0444	0.518	0.579	568	640	1	10.0-140	M1	M1	11.0	33
Benzo(k)fluoranthene	0.0834	0.0225	0.341	0.431	382	489	1	10.0-137	M1	M1	23.2	31
Chrysene	0.0834	0.0570	0.859	1.19	962	1360	1	10.0-145	M1	M1 R5	32.2	30
Dibenz(a,h)anthracene	0.0834	0.0112	0.178	0.193	200	218	1	10.0-132	M1	M1	7.87	31
Fluoranthene	0.0834	0.104	1.87	1.98	2110	2250	1	10.0-153	M1	M1	5.96	33
Fluorene	0.0834	0.000765	0.117	0.0721	139	85.6	1	11.0-130	M1	R5	47.2	29
Indeno(1,2,3-cd)pyrene	0.0834	0.0386	0.475	0.535	524	595	1	10.0-137	M1	M1	11.8	32
Naphthalene	0.0834	U	0.0600	0.0561	71.9	67.3	1	10.0-135			6.65	27
Phenanthrene	0.0834	0.0238	0.927	0.316	1080	350	1	10.0-144	M1	M1 R5	98.3	31
Pyrene	0.0834	0.0715	1.52	1.43	1740	1630	1	10.0-148	M1	M1	6.36	35
1-Methylnaphthalene	0.0834	U	0.0734	0.0677	88.0	81.1	1	10.0-142			8.13	28
2-Methylnaphthalene	0.0834	U	0.0690	0.0642	82.8	77.0	1	10.0-137			7.20	28
2-Chloronaphthalene	0.0834	U	0.0761	0.0727	91.3	87.1	1	29.0-120			4.63	24
(S) Nitrobenzene-d5					*69.4*	*66.2*		*14.0-149*				
(S) 2-Fluorobiphenyl					*90.4*	*85.9*		*34.0-125*				
(S) p-Terphenyl-d14					*91.1*	*84.5*		*23.0-120*				

Method Blank (MB)

(MB) R3518287-2 04/14/20 00:11

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*99.4*			*14.0-149*
(S) 2-Fluorobiphenyl	*94.7*			*34.0-125*
(S) p-Terphenyl-d14	*94.4*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518287-1 04/13/20 23:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0689	86.1	50.0-126	
Acenaphthene	0.0800	0.0698	87.3	50.0-120	
Acenaphthylene	0.0800	0.0791	98.9	50.0-120	
Benzo(a)anthracene	0.0800	0.0728	91.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0571	71.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0618	77.3	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0663	82.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0696	87.0	49.0-125	
Chrysene	0.0800	0.0678	84.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0722	90.3	47.0-125	
Fluoranthene	0.0800	0.0671	83.9	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518287-1 04/13/20 23:50

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0701	87.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0705	88.1	46.0-125	
Naphthalene	0.0800	0.0692	86.5	50.0-120	
Phenanthrene	0.0800	0.0671	83.9	47.0-120	
Pyrene	0.0800	0.0647	80.9	43.0-123	
1-Methylnaphthalene	0.0800	0.0731	91.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0677	84.6	50.0-120	
2-Chloronaphthalene	0.0800	0.0709	88.6	50.0-120	
(S) Nitrobenzene-d5			*103*	*14.0-149*	
(S) 2-Fluorobiphenyl			*91.0*	*34.0-125*	
(S) p-Terphenyl-d14			*89.9*	*23.0-120*	

L1206843-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206843-06 04/14/20 00:32 • (MS) R3518287-3 04/14/20 00:52 • (MSD) R3518287-4 04/14/20 01:13

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0581	0.0600	72.6	75.0	1	10.0-145			3.22	30
Acenaphthene	0.0800	ND	0.0562	0.0575	70.3	71.9	1	14.0-127			2.29	27
Acenaphthylene	0.0800	ND	0.0646	0.0663	80.7	82.9	1	21.0-124			2.60	25
Benzo(a)anthracene	0.0800	ND	0.0606	0.0618	75.8	77.3	1	10.0-139			1.96	30
Benzo(a)pyrene	0.0800	ND	0.0565	0.0583	70.6	72.9	1	10.0-141			3.14	31
Benzo(b)fluoranthene	0.0800	ND	0.0497	0.0543	62.1	67.9	1	10.0-140			8.85	36
Benzo(g,h,i)perylene	0.0800	ND	0.0564	0.0582	70.5	72.8	1	10.0-140			3.14	33
Benzo(k)fluoranthene	0.0800	ND	0.0584	0.0564	73.0	70.5	1	10.0-137			3.48	31
Chrysene	0.0800	ND	0.0569	0.0588	71.1	73.5	1	10.0-145			3.28	30
Dibenz(a,h)anthracene	0.0800	ND	0.0609	0.0627	76.1	78.4	1	10.0-132			2.91	31
Fluoranthene	0.0800	ND	0.0544	0.0552	68.0	69.0	1	10.0-153			1.46	33
Fluorene	0.0800	ND	0.0574	0.0584	71.8	73.0	1	11.0-130			1.73	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0586	0.0604	73.3	75.5	1	10.0-137			3.03	32
Naphthalene	0.0800	ND	0.0494	0.0517	61.8	64.6	1	10.0-135			4.55	27
Phenanthrene	0.0800	ND	0.0543	0.0554	67.9	69.3	1	10.0-144			2.01	31
Pyrene	0.0800	ND	0.0526	0.0534	65.8	66.8	1	10.0-148			1.51	35
1-Methylnaphthalene	0.0800	ND	0.0531	0.0548	66.4	68.5	1	10.0-142			3.15	28
2-Methylnaphthalene	0.0800	ND	0.0494	0.0515	61.8	64.4	1	10.0-137			4.16	28
2-Chloronaphthalene	0.0800	ND	0.0581	0.0599	72.6	74.9	1	29.0-120			3.05	24
(S) Nitrobenzene-d5					*91.1*	*90.6*		*14.0-149*				
(S) 2-Fluorobiphenyl					*82.1*	*72.9*		*34.0-125*				
(S) p-Terphenyl-d14					*79.5*	*71.1*		*23.0-120*				

Method Blank (MB)

(MB) R3518284-2 04/13/20 21:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*55.9*			*14.0-149*
(S) 2-Fluorobiphenyl	*84.2*			*34.0-125*
(S) p-Terphenyl-d14	*77.5*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518284-1 04/13/20 21:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0696	87.0	50.0-126	
Acenaphthene	0.0800	0.0618	77.3	50.0-120	
Acenaphthylene	0.0800	0.0652	81.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0663	82.9	45.0-120	
Benzo(a)pyrene	0.0800	0.0473	59.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0532	66.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0536	67.0	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0594	74.3	49.0-125	
Chrysene	0.0800	0.0658	82.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0585	73.1	47.0-125	
Fluoranthene	0.0800	0.0744	93.0	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518284-1 04/13/20 21:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0699	87.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0571	71.4	46.0-125	
Naphthalene	0.0800	0.0543	67.9	50.0-120	
Phenanthrene	0.0800	0.0677	84.6	47.0-120	
Pyrene	0.0800	0.0577	72.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0659	82.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0630	78.8	50.0-120	
2-Chloronaphthalene	0.0800	0.0731	91.4	50.0-120	
(S) Nitrobenzene-d5			*63.5*	*14.0-149*	
(S) 2-Fluorobiphenyl			*88.7*	*34.0-125*	
(S) p-Terphenyl-d14			*80.6*	*23.0-120*	

L1207113-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207113-01 04/14/20 02:10 • (MS) R3518284-3 04/14/20 02:33 • (MSD) R3518284-4 04/14/20 02:56

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	U	0.0663	0.0719	82.9	89.9	1	10.0-145			8.10	30
Acenaphthene	0.0800	U	0.0571	0.0621	71.4	77.6	1	14.0-127			8.39	27
Acenaphthylene	0.0800	U	0.0605	0.0649	75.6	81.1	1	21.0-124			7.02	25
Benzo(a)anthracene	0.0800	0.00373	0.0649	0.0739	76.5	87.7	1	10.0-139			13.0	30
Benzo(a)pyrene	0.0800	0.00445	0.0580	0.0662	66.9	77.2	1	10.0-141			13.2	31
Benzo(b)fluoranthene	0.0800	0.00675	0.0559	0.0716	61.4	81.1	1	10.0-140			24.6	36
Benzo(g,h,i)perylene	0.0800	0.00474	0.0559	0.0636	64.0	73.6	1	10.0-140			12.9	33
Benzo(k)fluoranthene	0.0800	0.00226	0.0594	0.0607	71.4	73.1	1	10.0-137			2.16	31
Chrysene	0.0800	0.00586	0.0666	0.0760	75.9	87.7	1	10.0-145			13.2	30
Dibenz(a,h)anthracene	0.0800	U	0.0583	0.0616	72.9	77.0	1	10.0-132			5.50	31
Fluoranthene	0.0800	0.00796	0.0773	0.0930	86.7	106	1	10.0-153			18.4	33
Fluorene	0.0800	U	0.0634	0.0688	79.3	86.0	1	11.0-130			8.17	29
Indeno(1,2,3-cd)pyrene	0.0800	0.00367	0.0580	0.0653	67.9	77.0	1	10.0-137			11.8	32
Naphthalene	0.0800	U	0.0504	0.0553	63.0	69.1	1	10.0-135			9.27	27
Phenanthrene	0.0800	0.00234	0.0644	0.0728	77.6	88.1	1	10.0-144			12.2	31
Pyrene	0.0800	0.00627	0.0592	0.0697	66.2	79.3	1	10.0-148			16.3	35
1-Methylnaphthalene	0.0800	U	0.0628	0.0677	78.5	84.6	1	10.0-142			7.51	28
2-Methylnaphthalene	0.0800	U	0.0598	0.0642	74.8	80.3	1	10.0-137			7.10	28
2-Chloronaphthalene	0.0800	U	0.0679	0.0740	84.9	92.5	1	29.0-120			8.60	24
(S) Nitrobenzene-d5					*60.2*	*62.8*		*14.0-149*				
(S) 2-Fluorobiphenyl					*82.3*	*87.5*		*34.0-125*				
(S) p-Terphenyl-d14					*75.9*	*81.1*		*23.0-120*				

Instrument: VOCMS36 • File ID: 0409_23

04/09/20 07:35

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_23	453706	195863	210995
Upper Limit		907412	391726	421990
Lower Limit		226853	97932	105498
L1206843-29 WG1458006 1x	0409_32	454639	188486	199131

Instrument: VOCMS36 • File ID: 0409_23-1

04/09/20 07:35

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_23-1	453706	195863	210995
Upper Limit		907412	391726	421990
Lower Limit		226853	97932	105498
MS R3517255-5 WG1458006 1x	0409_53	402590	176141	201732
MSD R3517255-6 WG1458006 1x	0409_54	406865	179128	207382

Instrument: VOCMS36 • File ID: 0409_23-2

04/09/20 07:35

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_23-2	453706	195863	210995
Upper Limit		907412	391726	421990
Lower Limit		226853	97932	105498
LCS R3517255-1 WG1458006 1x	0409_23LCS	453706	195863	210995
LCSD R3517255-2 WG1458006 1x	0409_24	453211	192144	205652
BLANK R3517255-4 WG1458006 1x	0409_29	454211	186031	202078

Instrument: VOCMS40 • File ID: 0409_25

04/09/20 08:50

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_25	1649816	648302	583297
Upper Limit		3299632	1296604	1166594
Lower Limit		824908	324151	291649
LCS R3517400-1 WG1458046 1x	0409_25LCS	1649816	648302	583297
LCSD R3517400-2 WG1458046 1x	0409_26	1595129	622802.20	543376.10
BLANK R3517400-3 WG1458046 1x	0409_29	1738056	656602.30	512966.50
L1206843-18 WG1458046 1x	0409_30	1698162	644344.10	544805.80
L1206843-19 WG1458046 1x	0409_31	1631848	601237.60	490865.90
L1206843-20 WG1458046 1.1x	0409_32	1662810	626002.90	465582.90
L1206843-21 WG1458046 1.05x	0409_33	1650930	633107	511602
L1206843-22 WG1458046 1x	0409_44	1766762	659196.10	543231.20
L1206843-23 WG1458046 1x	0409_45	1714218	620133.60	482771.80
L1206843-24 WG1458046 1.09x	0409_46	1695559	633588.40	515822.20
L1206843-25 WG1458046 1x	0409_47	1667465	620344.20	475772.90
L1206843-26 WG1458046 1x	0409_48	1607819	595654.30	455211.60
L1206843-27 WG1458046 1x	0409_49	1613984	611448.90	495062.70

Instrument: VOCMS40 • File ID: 0409_51

04/09/20 19:58

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_51	1500501	595164.30	492766
Upper Limit		3001002	1190329	985532
Lower Limit		750251	297582	246383
LCS R3517442-1 WG1458485 1x	0409_51LCS	1500501	595164.30	492766
LCSD R3517442-2 WG1458485 1x	0409_52	1534378	597037.90	471243.70
BLANK R3517442-3 WG1458485 1x	0409_55	1503070	559643	411141.50
L1206843-28 WG1458485 1x	0409_64	1498211	573389.40	486377.20

Instrument: VOCMS53 • File ID: 0409_02

04/09/20 07:20

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_02	973363	403691.30	504817.30
Upper Limit		1946726	807383	1009635
Lower Limit		486682	201846	252409
LCS R3517140-1 WG1457961 1x	0409_02LCS	973363	403691.30	504817.30
LCSD R3517140-2 WG1457961 1x	0409_03	971949.50	403051.50	507888.80
BLANK R3517140-3 WG1457961 1x	0409_06	1096325	409629.80	460040.80
L1206843-01 WG1457961 1x	0409_10	1114416	411301.10	453187.10
L1206843-02 WG1457961 1x	0409_11	1096240	410877.50	474614.60
L1206843-03 WG1457961 1x	0409_12	1107047	415518.20	472900.10
L1206843-04 WG1457961 1x	0409_13	1115169	421379.40	466662.80
L1206843-05 WG1457961 1x	0409_14	1102140	417733.50	463584.10
L1206843-06 WG1457961 1x	0409_15	1105315	414358.80	469648.40
L1206843-07 WG1457961 1x	0409_16	1097548	420653.30	476352.30
L1206843-08 WG1457961 1x	0409_18	1094134	416304.40	455825.80
L1206843-09 WG1457961 1x	0409_19	1092770	412099.30	457930
L1206843-10 WG1457961 1x	0409_20	1065164	399892.10	441794.90
L1206843-11 WG1457961 1x	0409_21	1113900	423769.70	456683.90
L1206843-12 WG1457961 1.01x	0409_22	1099053	407512.60	443401.60
L1206843-13 WG1457961 1.08x	0409_23	1125835	428178.80	460519.60
L1206843-14 WG1457961 1x	0409_24	1096978	417963.70	451802
L1206843-15 WG1457961 1x	0409_25	1128369	439636.70	474467.20
L1206843-16 WG1457961 1x	0409_26	1111471	415952.30	471594.70
L1206843-17 WG1457961 1x	0409_27	1097444	410938.70	464148.80

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	23266229
Upper Limit		42974620
Lower Limit		14324880
BLANK R3517818-1 WG1459250 1x	0412_05	29738030
LCS R3517818-2 WG1459250 1x	0412_06	29524590
LCSD R3517818-3 WG1459250 1x	0412_07	28778780
L1206843-29 WG1459250 1x	0412_19	29320650

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	24186393
Upper Limit		46325220
Lower Limit		15441740
BLANK R3519928-1 WG1461949 1x	0419_06	22247770
LCS R3519928-2 WG1461949 1x	0419_08	24702440
L1206843-21 WG1461949 1x	0419_10	23793610
L1206843-22 WG1461949 1x	0419_11	22461860
L1206843-23 WG1461949 1x	0419_12	25333100
L1206843-24 WG1461949 1x	0419_13	24397010
MS R3519928-3 WG1461949 1x	0419_14	24561920
MSD R3519928-4 WG1461949 1x	0419_15	24012000
L1206843-25 WG1461949 1x	0419_16	23075020
L1206843-26 WG1461949 1x	0419_17	22077490
L1206843-27 WG1461949 1x	0419_18	22917890
L1206843-28 WG1461949 1x	0419_19	23149600

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3519857-1 WG1461948 1x	0417_33	698988800
LCS R3519857-2 WG1461948 1x	0417_34	747050200
L1206843-01 WG1461948 1x	0417_35	868535900
L1206843-02 WG1461948 1x	0417_36	776461600
L1206843-03 WG1461948 1x	0417_37	792422300
MS R3519857-3 WG1461948 1x	0417_38	808351500
MSD R3519857-4 WG1461948 1x	0417_39	740128400
L1206843-04 WG1461948 1x	0417_40	769819200
L1206843-05 WG1461948 1x	0417_41	750758100
L1206843-06 WG1461948 1x	0417_42	735921000
L1206843-07 WG1461948 1x	0417_43	785373600
L1206843-08 WG1461948 1x	0417_44	793006100

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
L1206843-09 WG1461948 1x	0417_45	785816600
L1206843-10 WG1461948 1x	0417_46	806810300
L1206843-11 WG1461948 1x	0417_47	751835000
L1206843-12 WG1461948 1x	0417_48	768131700
L1206843-13 WG1461948 1x	0417_49	771741600
L1206843-14 WG1461948 1x	0417_50	766896300
L1206843-15 WG1461948 1x	0417_51	718408400
L1206843-16 WG1461948 1x	0417_52	758887700
L1206843-17 WG1461948 1x	0417_53	743318500
L1206843-18 WG1461948 1x	0417_57	796699100
L1206843-19 WG1461948 1x	0417_58	863972200
L1206843-20 WG1461948 1x	0417_59	734537100

INTERNAL STANDARD SUMMARY

Instrument: BNAMS22 • File ID: 0414_03

04/14/20 00:37

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0414_03	66630	40408	66882	70656	72465
Upper Limit		133260	80816	133764	141312	144930
Lower Limit		33315	20204	33441	35328	36233
LCS R3518302-1 WG1459549 1x	0414_05	72258	43961	71808	77896	81246
LCSD R3518302-2 WG1459549 1x	0414_06	70692	43090	71064	76209	79536
BLANK R3518302-3 WG1459549 1x	0414_07	72047	44586	71372	78587	82985
L1206843-29 WG1459549 1x	0414_08	70146	43438	70555	77490	81458

Instrument: BNAMS17 • File ID: 0411_03

04/11/20 11:52

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0411_03	133531	72813	122760	121308	122736
Upper Limit		267062	145626	245520	242616	245472
Lower Limit		66766	36407	61380	60654	61368
LCS R3517776-1 WG1459072 1x	0411_04	134257	73804	125149	123241	125663
BLANK R3517776-2 WG1459072 1x	0411_05	138431	77702	128624	128980	131297
MS R3517776-3 WG1459072 1x	0411_11	140962	76808	130028	130111	130206
MSD R3517776-4 WG1459072 1x	0411_12	137959	75646	127830	128733	128558
L1206843-01 WG1459072 1x	0411_19	138039	76786	125047	128387	131812
L1206843-02 WG1459072 1x	0411_20	148067	82946	136517	137010	139188
L1206843-03 WG1459072 1x	0411_21	142939	80282	131395	131933	136013

Instrument: BNAMS17 • File ID: 0413A_03

04/13/20 23:20

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0413A_03	128087	69938	117083	116821	117202
Upper Limit		256174	139876	234166	233642	234404
Lower Limit		64044	34969	58542	58411	58601
LCS R3518287-1 WG1459541 1x	0413A_04	110933	66480	111695	111140	112351
BLANK R3518287-2 WG1459541 1x	0413A_05	121324	68424	112349	111622	114258
L1206843-06 WG1459541 1x	0413A_06	122997	69199	112954	113027	115537
MS R3518287-3 WG1459541 1x	0413A_07	122816	67310	112379	112049	113721
MSD R3518287-4 WG1459541 1x	0413A_08	119719	66277	109781	109314	110479
L1206843-07 WG1459541 1x	0413A_09	118318	68145	110793	111811	114042
L1206843-08 WG1459541 1x	0413A_10	119009	66918	109219	109650	112459
L1206843-09 WG1459541 1x	0413A_11	117097	65754	106813	107083	108776
L1206843-10 WG1459541 1x	0413A_12	115845	66842	107972	109569	111161
L1206843-11 WG1459541 1x	0413A_13	122852	69080	111661	113129	115153
L1206843-13 WG1459541 1x	0413A_14	121641	68461	111277	111947	113453
L1206843-14 WG1459541 1x	0413A_15	121842	68357	111228	111447	113413
L1206843-15 WG1459541 1x	0413A_16	116909	67692	109985	110401	112098
L1206843-16 WG1459541 1x	0413A_17	121566	68394	110898	111075	112541
L1206843-17 WG1459541 1x	0413A_18	119248	68429	111082	111706	112911
L1206843-18 WG1459541 1x	0413A_19	120684	68166	112186	112142	112733
L1206843-19 WG1459541 1x	0413A_20	120336	67436	109642	109632	111613

Instrument: BNAMS17 • File ID: 0413A_03

04/13/20 23:20

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
L1206843-21 WG1459541 1x	0413A_21	119955	67375	109469	110729	112092
L1206843-22 WG1459541 1x	0413A_22	122590	68579	112951	111185	112494
L1206843-25 WG1459541 1x	0413A_23	121719	67913	110622	110622	111274
L1206843-24 WG1459541 1x	0413A_24	125786	69706	114726	114042	115533
L1206843-23 WG1459541 1x	0413A_25	118199	67565	110315	109207	109724
L1206843-20 WG1459541 1x	0413A_26	121798	68037	109752	110062	110598
L1206843-12 WG1459541 1x	0413A_27	118182	65950	107735	108497	116053

Instrument: BNAMS18 • File ID: 0412A_03

04/12/20 23:23

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0412A_03	35316	17213	27464	24892	24016
Upper Limit		70632	34426	54928	49784	48032
Lower Limit		17658	8607	13732	12446	12008
LCS R3517921-1 WG1459540 1x	0412A_04	33974	17447	27427	24423	24932
BLANK R3517921-2 WG1459540 1x	0412A_05	31252	15205	24333	22374	22029
L1206843-04 WG1459540 1x	0412A_06	32475	15664	25518	23548	22981
L1206843-05 WG1459540 1x	0412A_07	32463	15628	25540	23687	23383
MS R3517921-3 WG1459540 1x	0412A_26	29826	15062	24680	20628	22234
MSD R3517921-4 WG1459540 1x	0412A_27	30422	15410	25143	21686	22816

Instrument: BNAMS18 • File ID: 0413A_02

04/13/20 20:56

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0413A_02	32828	15930	25889	26303	25728
Upper Limit		65656	31860	51778	52606	51456
Lower Limit		16414	7965	12945	13152	12864
LCS R3518284-1 WG1459887 1x	0413A_03	30711	15211	24592	24904	24868
BLANK R3518284-2 WG1459887 1x	0413A_04	30263	14866	24278	24760	25005
L1206843-26 WG1459887 1x	0413A_05	28744	14139	23160	23905	24044

INTERNAL STANDARD SUMMARY

Instrument: BNAMS18 • File ID: 0413A_02

04/13/20 20:56

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
L1206843-27 WG1459887 1x	0413A_06	28880	14109	23391	24199	24319
L1206843-28 WG1459887 1x	0413A_07	28864	14105	23137	24102	24452
MS R3518284-3 WG1459887 1x	0413A_16	28639	14775	23904	25035	24521
MSD R3518284-4 WG1459887 1x	0413A_17	28378	14427	23187	24470	23971

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes detected in the sample.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

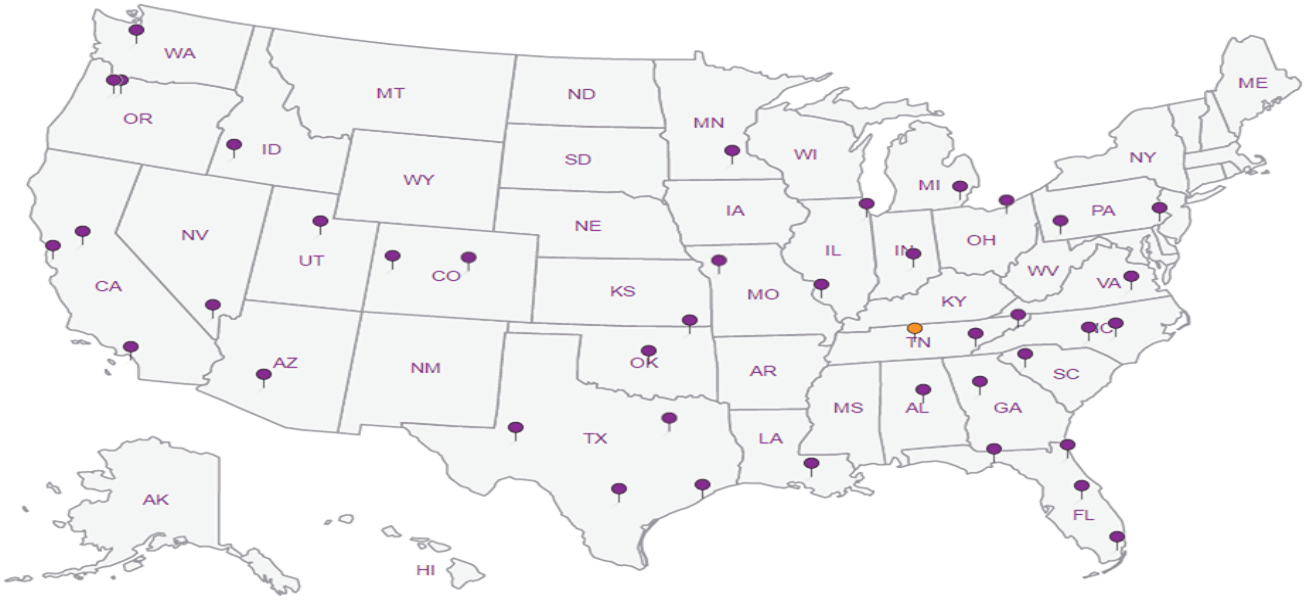
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

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Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# L1206843

Ta B044

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-3-25	Grab	SS	25	~~25~~ 4/7/20	0815	2	X	X	X	X		-01
SS-3-35	↓	↓	35	~~35~~ 4/7/20	0825	↓	X	X	X	X		-02
SS-3-40			40	4/7/20	0835		X	X	X	X		-03
SS-3-45			45	4/7/20	0845		X	X	X	X		-04
SS-3-50			50	4/7/20	0855		X	X	X	X		-05
SS-3-55			55	4/7/20	0900		X	X	X	X		-06
SS-3-60			60	4/7/20	0910		X	X	X	X		-07
SS-3-65			65	4/7/20	0925		X	X	X	X		-08
SS-3-70			70	4/7/20	0940		X	X	X	X		-09
SS-3-75	↓	↓	75	4/7/20	0950	↓	X	X	X	X		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 7419 9986 3288

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
B. Li-Vidal	4/7/20	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.7 °C Bottles Received: 53	If preservation required by Login: Date/Ti
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/8/20 Time: 8:30	Hold: Condition NCF /

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# L1206843

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-4-5	Grab	SS	0	4/7/20	1045	2	X	X	X	X		-11
SS-4-5	↓	↓	5	↓	1135	↓	X	X	X	X	low recovery	-12
SS-4-10	↓	↓	10	↓	1140	↓	X	X	X	X		-13
SS-4-15	↓	↓	15	↓	1145	↓	X	X	X	X		-14
SS-4-20	↓	↓	20	↓	1230	↓	X	X	X	X		-15
SS-4-25	↓	↓	25	↓	1235	↓	X	X	X	X		-16
SS-4-30	↓	↓	30	↓	1240	↓	X	X	X	X		-17
SS-4-35	↓	↓	35	↓	1245	↓	X	X	X	X		-18
SS-4-40	↓	↓	40	↓	1255	↓	X	X	X	X		-19

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1740 9996 8288

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
[signature]	4/7/20	1740		

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp °C	Bottles Received:	If preservation required by Login: Date/Time
				1.7±0.7	53	

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			[signature]	4/8/20	8:30		

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
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Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# L1206843

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-5-5	Grab	SS	0	4/7/20	1320	2	X	X	X	X		-20
SS-5-5			5		1415		X	X	X	X		-21
SS-5-10			10		1420		X	X	X	X		-22
SS-5-15			15		1425		X	X	X	X		-23
SS-5-20			20		1555		X	X	X	X		-24
SS-5-25			25		1600		X	X	X	X		-25
~~SS-5-30~~			~~30~~								NOT COLLECTED	
SS-5-35			35		1610	2	X	X	X	X		-26
SS-5-40			40		1615		X	X	X	X		-27
SS-5-35-DUP			35		1610		X	X	X	X		-28

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1749 1176 8289

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
	4/7/20	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7+0=1.7 °C Bottles Received: 53	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: / Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 4 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# L1206843

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Table #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / HCl	PAH 8270SIM / 40ml amber / NoPres	RCRA8 Metals / 250ml HDPE / HNO3	PCB / 100ml amber / NoPres						Remarks	Sample # (lab only)
EB-2	Grab	WW		4/7/20	1500	7	X	X	X	X							29

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1749 9986 8289

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
B. Li-Vidal	4/7/20	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.7 °C Bottles Received: 53	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/8/20 Time: 8:30	Hold: / Condition: NCF / OK

ANALYTICAL REPORT

April 15, 2020

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Terracon - Tucson, AZ

Sample Delivery Group:	L1206920
Samples Received:	04/08/2020
Project Number:	63207052
Description:	Former Flint Oil Property LSI
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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7 Is
8 Gl
9 Al
10 Sc

SG-1-5 L1206920-01 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 09:20	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 21:00	04/09/20 21:00	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 14:28	04/10/20 14:28	DAH	Mt. Juliet, TN

SG-1-5-DUP L1206920-02 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 09:20	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 12:44	04/09/20 12:44	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 15:08	04/10/20 15:08	DAH	Mt. Juliet, TN

SG-1-20 L1206920-03 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 10:25	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 13:30	04/09/20 13:30	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 15:49	04/10/20 15:49	DAH	Mt. Juliet, TN

SG-2-5 L1206920-04 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 12:30	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 14:15	04/09/20 14:15	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 16:29	04/10/20 16:29	DAH	Mt. Juliet, TN

SG-2-20 L1206920-05 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 13:25	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 15:00	04/09/20 15:00	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 17:10	04/10/20 17:10	DAH	Mt. Juliet, TN

SG-3-5 L1206920-06 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 15:16	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 15:47	04/09/20 15:47	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 17:52	04/10/20 17:52	DAH	Mt. Juliet, TN

SG-AMB L1206920-07 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 15:16	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	1	04/10/20 18:51	04/10/20 18:51	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459253	1	04/11/20 13:49	04/11/20 13:49	CAW	Mt. Juliet, TN

SG-3-20 L1206920-08 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 16:20	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 17:19	04/09/20 17:19	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 19:32	04/10/20 19:32	DAH	Mt. Juliet, TN

SG-4-5 L1206920-09 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 11:25	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 18:03	04/09/20 18:03	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459253	10	04/11/20 14:25	04/11/20 14:25	CAW	Mt. Juliet, TN

SG-4-5-DUP L1206920-10 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 11:25	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 18:49	04/09/20 18:49	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 20:53	04/10/20 20:53	DAH	Mt. Juliet, TN

SG-4-20 L1206920-11 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 12:24	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 19:32	04/09/20 19:32	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 21:33	04/10/20 21:33	DAH	Mt. Juliet, TN

SG-5-5 L1206920-12 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 14:05	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1457967	1	04/09/20 20:17	04/09/20 20:17	MBF	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1458653	10	04/10/20 22:15	04/10/20 22:15	DAH	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	271	644		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	4.84	15.5		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	2.20	4.87		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.467	0.965		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	2.94	10.1		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	25.9	48.8		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.565	2.45		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.918	4.51		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.215	1.21		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.312	1.54		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	3.40	13.9		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	4.13	14.6		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	4.16	17.0		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	347	1020		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	2.94	12.0		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	12.5	30.7	309	760		10	WG1458653
Propene	115-07-1	42.10	0.400	0.689	12.4	21.4		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	19.4	57.2		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	13.6	51.2		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.45	7.12		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.473	2.32		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.220	1.03		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.27	9.84		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.02	4.42		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*84.0*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*87.0*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	339	806		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	4.35	13.9		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	2.27	5.02		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.377	1.17	B1	1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.623	1.29		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	2.83	9.75		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	25.1	47.3		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.524	2.27		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.935	4.59		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.213	1.20		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.421	2.08		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	3.30	13.5		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	3.83	13.5		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.238	0.826	B1	1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	4.78	19.6		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	265	781		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	3.38	13.8		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	12.5	30.7	221	543		10	WG1458653
Propene	115-07-1	42.10	0.400	0.689	15.2	26.2		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.646	4.39		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	21.4	63.1		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	14.2	53.5		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.52	7.46		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.481	2.36		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.251	1.17		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.17	9.41		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.01	4.38		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*86.2*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*84.1*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	87.6	208		1	WG1457967
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	2.94	9.39		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	5.65	12.5		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.303	0.943	B1	1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.678	2.33		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	28.1	53.0		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.765	3.32		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.43	7.02		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.201	1.13		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.417	2.06		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	1.92	7.85		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	2.38	8.39		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	10.1	41.3		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	235	693		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	18.7	46.0		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	38.9	67.0		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.709	4.81		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	22.7	66.9		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	5.41	20.4		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.66	13.1		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.864	4.24		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.752	3.51		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.60	11.3		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.32	5.72		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.3*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*89.2*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	67.5	160		1	WG1457967
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	15.1	48.2		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.33	4.14		1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.548	1.13		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.745	2.57		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	35.3	66.6		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	1.04	4.51		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.54	7.56		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.214	1.20		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.421	2.08		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	2.35	9.61		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	3.79	13.4		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	14.9	60.9		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	378	1110		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	6.29	15.5		1	WG1457967
Propene	115-07-1	42.10	4.00	6.89	105	181		10	WG1458653
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	8.28	31.2		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.97	14.6		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.873	4.28		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.807	3.77		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.90	12.6		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.36	5.90		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*93.7*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*83.4*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	182	432		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	4.49	14.3		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.38	4.30		1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	0.993	2.62		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	2.88	5.95		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.768	2.64		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	0.473	1.70		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	80.2	151		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.860	3.73		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.52	7.46		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.229	1.29		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.390	1.93		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	2.66	10.9		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	3.42	12.1		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.360	1.25	B1	1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	27.5	112		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	625	1840		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	2.61	13.7		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	6.32	15.5		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	92.2	159		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	0.461	1.96		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.580	3.94		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	4.71	17.7		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	3.06	15.0		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.865	4.25		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	1.36	6.35		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.72	11.8		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.31	5.68		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*89.5*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*89.7*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	146	347		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	1.69	5.40		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	10.4	23.0		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.323	1.01	B1	1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.810	1.67		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.553	1.90		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	44.8	84.5		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	10.3	44.7		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.936	4.59		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.201	1.13		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.393	1.94		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	2.48	10.1		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	2.88	10.2		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	0.256	1.26		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.242	0.840	B1	1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	39.1	160		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	534	1570		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	2.94	7.23		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	76.4	132		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.86	12.6		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	2.49	9.38		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.89	9.28		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.549	2.69		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	36.9	160		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	9.93	43.1		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*95.6*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.5*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	4.71	11.2		1	WG1459253
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1459253
Benzene	71-43-2	78.10	0.200	0.639	ND	ND		1	WG1459253
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1458653
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1459253
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1458653
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1459253
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1459253
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1459253
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1459253
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1459253
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1459253
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1459253
Chloromethane	74-87-3	50.50	0.200	0.413	0.428	0.884		1	WG1459253
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1458653
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1459253
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1459253
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1459253
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1458653
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1458653
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1458653
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1459253
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1459253
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1459253
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1459253
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1459253
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1459253
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1459253
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1459253
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1459253
Ethanol	64-17-5	46.10	0.630	1.19	6.42	12.1		1	WG1459253
Ethylbenzene	100-41-4	106	0.200	0.867	ND	ND		1	WG1458653
4-Ethyltoluene	622-96-8	120	0.200	0.982	ND	ND		1	WG1458653
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1459253
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.331	1.64		1	WG1459253
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1459253
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1459253
Heptane	142-82-5	100	0.200	0.818	ND	ND		1	WG1459253
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1458653
n-Hexane	110-54-3	86.20	0.200	0.705	0.385	1.36		1	WG1459253
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1458653
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.638	2.22		1	WG1459253
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	ND	ND		1	WG1459253
2-Butanone (MEK)	78-93-3	72.10	1.25	3.69	2.95	8.70		1	WG1459253
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1459253
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1459253
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1459253
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1458653
2-Propanol	67-63-0	60.10	1.25	3.07	ND	ND		1	WG1459253
Propene	115-07-1	42.10	0.400	0.689	ND	ND		1	WG1459253
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1458653
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1458653
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1459253
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	0.581	1.71		1	WG1459253
Toluene	108-88-3	92.10	0.200	0.753	0.252	0.949		1	WG1459253
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1459253
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1459253
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1459253
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	ND	ND		1	WG1458653
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	ND	ND		1	WG1458653
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1459253
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1459253
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1459253
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1459253
m&p-Xylene	1330-20-7	106	0.400	1.73	ND	ND		1	WG1458653
o-Xylene	95-47-6	106	0.200	0.867	ND	ND		1	WG1458653
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.5*				WG1458653
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG1459253

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	214	509		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	1.53	4.89		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.393	1.22	B1	1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	ND	ND		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.435	1.50		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	0.376	1.35		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	63.0	119		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.603	2.61		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.09	5.35		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.352	1.74		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	2.42	9.90		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	2.98	10.5		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	36.0	147		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	921	2720		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	3.00	7.37		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	72.1	124		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	1.58	10.7		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	2.42	9.12		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.33	11.4		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.674	3.31		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.24	9.71		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.02	4.42		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.6*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*86.1*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	69.6	165		1	WG1457967
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	3.62	11.6		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	5.26	11.6		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.992	3.09		1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.661	1.37		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.716	2.47		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	29.7	56.0		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.751	3.26		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.711	3.49		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.223	1.25		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.444	2.20		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	8.15	33.3		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	8.25	29.1		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	9.02	36.9		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	275	811		10	WG1459253
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	4.04	9.93		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	50.3	86.6		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	9.16	34.5		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.38	6.77		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.412	2.02		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	2.88	12.5		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.07	4.64		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.4*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1459253

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	63.3	150		1	WG1457967
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	3.55	11.3		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	2.87	6.35		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.955	2.97		1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.671	1.39		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.736	2.53		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	32.3	60.9		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.818	3.55		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.688	3.38		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.227	1.28		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.454	2.25		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	7.90	32.3		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	8.19	28.9		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.268	0.931	B1	1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	8.44	34.5		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	57.1	168		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	3.96	9.73		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	46.0	79.2		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.438	2.97		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	9.79	36.9		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.34	6.58		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.382	1.87		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.220	1.03		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	3.08	13.4		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.12	4.86		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*91.4*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*87.5*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	306	727		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	0.957	3.06		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.434	1.35	B1	1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	0.686	1.42		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.583	2.01		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1457967
Ethanol	64-17-5	46.10	6.30	11.9	136	256		10	WG1458653
Ethylbenzene	100-41-4	106	0.200	0.867	0.472	2.05		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.878	4.31		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	ND	ND		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.368	1.82		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	2.73	11.2		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	6.35	22.4		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	1.27	4.41		1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	25.1	103		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	848	2500		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	4.55	11.2		1	WG1457967
Propene	115-07-1	42.10	4.00	6.89	155	267		10	WG1458653
Styrene	100-42-5	104	0.200	0.851	0.204	0.868		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.438	2.97		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	2.20	8.29		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.75	8.59		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.488	2.40		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	1.43	5.04		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	1.55	6.72		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	0.758	3.29		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.7*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*87.0*				WG1458653

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	202	480		10	WG1458653
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1457967
Benzene	71-43-2	78.10	0.200	0.639	1.29	4.12		1	WG1457967
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1457967
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1457967
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1457967
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1457967
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1457967
Carbon disulfide	75-15-0	76.10	0.200	0.622	1.78	5.54		1	WG1457967
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1457967
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1457967
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1457967
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1457967
Chloromethane	74-87-3	50.50	0.200	0.413	2.46	5.08		1	WG1457967
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1457967
Cyclohexane	110-82-7	84.20	0.200	0.689	0.467	1.61		1	WG1457967
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1457967
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1457967
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1457967
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	0.485	2.92	B1	1	WG1457967
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1457967
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1457967
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1457967
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1457967
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1457967
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1457967
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1457967
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1457967
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1457967
1,4-Dioxane	123-91-1	88.10	0.200	0.721	1.48	5.33		1	WG1457967
Ethanol	64-17-5	46.10	0.630	1.19	96.3	182		1	WG1457967
Ethylbenzene	100-41-4	106	0.200	0.867	0.776	3.36		1	WG1457967
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.851	4.18		1	WG1457967
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.204	1.15		1	WG1457967
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.383	1.89		1	WG1457967
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1457967
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1457967
Heptane	142-82-5	100	0.200	0.818	2.57	10.5		1	WG1457967
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1457967
n-Hexane	110-54-3	86.20	0.200	0.705	3.81	13.4		1	WG1457967
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1457967
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.398	1.38	B1	1	WG1457967
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	21.6	88.3		1	WG1457967
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	672	1980		10	WG1458653
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	1.73	7.08		1	WG1457967
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1457967
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1457967
Naphthalene	91-20-3	128	0.630	3.30	1.95	10.2		1	WG1457967
2-Propanol	67-63-0	60.10	1.25	3.07	5.96	14.7		1	WG1457967
Propene	115-07-1	42.10	0.400	0.689	86.2	148		1	WG1457967
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1457967
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1457967
Tetrachloroethylene	127-18-4	166	0.200	1.36	0.762	5.17		1	WG1457967
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	1.96	5.78		1	WG1457967
Toluene	108-88-3	92.10	0.200	0.753	5.77	21.7		1	WG1457967
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1457967

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1457967
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1457967
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1457967
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.53	7.51		1	WG1457967
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.474	2.33		1	WG1457967
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1457967
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1457967
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1457967
Vinyl acetate	108-05-4	86.10	0.200	0.704	0.825	2.91		1	WG1457967
m&p-Xylene	1330-20-7	106	0.400	1.73	3.32	14.4		1	WG1457967
o-Xylene	95-47-6	106	0.200	0.867	1.30	5.64		1	WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*90.9*				WG1457967
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*88.9*				WG1458653

Method Blank (MB)

(MB) R3517337-2 04/09/20 07:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	0.0904	E4	0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	0.114	E4	0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	0.0703	E4	0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	0.0727	E4	0.0597	0.200
1,4-Dichlorobenzene	0.0871	E4	0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3517337-2 04/09/20 07:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	0.0706	E4	0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*91.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517337-1 04/09/20 06:33 • (LCSD) R3517337-3 04/09/20 08:19

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.06	2.88	81.6	76.8	55.0-148			6.06	25
Propene	3.75	3.24	3.04	86.4	81.1	64.0-144			6.37	25
Dichlorodifluoromethane	3.75	4.10	3.87	109	103	64.0-139			5.77	25
1,2-Dichlorotetrafluoroethane	3.75	3.92	3.75	105	100	70.0-130			4.43	25
Chloromethane	3.75	3.67	3.52	97.9	93.9	70.0-130			4.17	25
Vinyl chloride	3.75	3.77	3.61	101	96.3	70.0-130			4.34	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517337-1 04/09/20 06:33 • (LCSD) R3517337-3 04/09/20 08:19

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,3-Butadiene	3.75	3.49	3.35	93.1	89.3	70.0-130			4.09	25
Bromomethane	3.75	3.72	3.51	99.2	93.6	70.0-130			5.81	25
Chloroethane	3.75	3.48	3.28	92.8	87.5	70.0-130			5.92	25
Trichlorofluoromethane	3.75	3.86	3.81	103	102	70.0-130			1.30	25
1,1,2-Trichlorotrifluoroethane	3.75	3.94	3.70	105	98.7	70.0-130			6.28	25
1,1-Dichloroethene	3.75	3.72	3.55	99.2	94.7	70.0-130			4.68	25
1,1-Dichloroethane	3.75	3.58	3.49	95.5	93.1	70.0-130			2.55	25
Acetone	3.75	3.47	3.33	92.5	88.8	70.0-130			4.12	25
2-Propanol	3.75	3.36	3.35	89.6	89.3	70.0-139			0.298	25
Carbon disulfide	3.75	3.35	3.19	89.3	85.1	70.0-130			4.89	25
Methylene Chloride	3.75	3.56	3.41	94.9	90.9	70.0-130			4.30	25
MTBE	3.75	3.60	3.50	96.0	93.3	70.0-130			2.82	25
trans-1,2-Dichloroethene	3.75	3.55	3.46	94.7	92.3	70.0-130			2.57	25
n-Hexane	3.75	3.53	3.38	94.1	90.1	70.0-130			4.34	25
Vinyl acetate	3.75	3.26	3.10	86.9	82.7	70.0-130			5.03	25
cis-1,2-Dichloroethene	3.75	3.53	3.47	94.1	92.5	70.0-130			1.71	25
Chloroform	3.75	3.74	3.69	99.7	98.4	70.0-130			1.35	25
Cyclohexane	3.75	3.82	3.54	102	94.4	70.0-130			7.61	25
1,1,1-Trichloroethane	3.75	3.84	3.66	102	97.6	70.0-130			4.80	25
Carbon tetrachloride	3.75	3.83	3.86	102	103	70.0-130			0.780	25
Benzene	3.75	3.69	3.67	98.4	97.9	70.0-130			0.543	25
1,2-Dichloroethane	3.75	3.81	3.71	102	98.9	70.0-130			2.66	25
Heptane	3.75	3.32	3.37	88.5	89.9	70.0-130			1.49	25
Trichloroethylene	3.75	3.82	3.80	102	101	70.0-130			0.525	25
1,2-Dichloropropane	3.75	3.61	3.63	96.3	96.8	70.0-130			0.552	25
1,4-Dioxane	3.75	3.80	3.71	101	98.9	70.0-140			2.40	25
Bromodichloromethane	3.75	3.76	3.81	100	102	70.0-130			1.32	25
cis-1,3-Dichloropropene	3.75	3.66	3.66	97.6	97.6	70.0-130			0.000	25
4-Methyl-2-pentanone (MIBK)	3.75	3.60	3.55	96.0	94.7	70.0-139			1.40	25
Toluene	3.75	3.76	3.73	100	99.5	70.0-130			0.801	25
trans-1,3-Dichloropropene	3.75	3.76	3.73	100	99.5	70.0-130			0.801	25
1,1,2-Trichloroethane	3.75	3.86	3.96	103	106	70.0-130			2.56	25
Tetrachloroethylene	3.75	4.17	4.17	111	111	70.0-130			0.000	25
Methyl Butyl Ketone	3.75	3.72	3.52	99.2	93.9	70.0-149			5.52	25
Dibromochloromethane	3.75	4.05	4.08	108	109	70.0-130			0.738	25
1,2-Dibromoethane	3.75	3.98	4.00	106	107	70.0-130			0.501	25
Chlorobenzene	3.75	4.12	4.13	110	110	70.0-130			0.242	25
Ethylbenzene	3.75	3.87	3.81	103	102	70.0-130			1.56	25
m&p-Xylene	7.50	7.97	7.70	106	103	70.0-130			3.45	25
o-Xylene	3.75	3.97	3.87	106	103	70.0-130			2.55	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517337-1 04/09/20 06:33 • (LCSD) R3517337-3 04/09/20 08:19

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	3.75	4.17	3.99	111	106	70.0-130			4.41	25
Bromoform	3.75	4.29	4.16	114	111	70.0-130			3.08	25
1,1,2,2-Tetrachloroethane	3.75	4.03	3.86	107	103	70.0-130			4.31	25
4-Ethyltoluene	3.75	4.29	4.10	114	109	70.0-130			4.53	25
1,3,5-Trimethylbenzene	3.75	4.34	4.21	116	112	70.0-130			3.04	25
1,2,4-Trimethylbenzene	3.75	4.36	4.13	116	110	70.0-130			5.42	25
1,3-Dichlorobenzene	3.75	4.41	4.15	118	111	70.0-130			6.07	25
1,4-Dichlorobenzene	3.75	4.57	4.33	122	115	70.0-130			5.39	25
Benzyl Chloride	3.75	4.07	3.92	109	105	70.0-152			3.75	25
1,2-Dichlorobenzene	3.75	4.43	4.16	118	111	70.0-130			6.29	25
1,2,4-Trichlorobenzene	3.75	4.22	4.02	113	107	70.0-160			4.85	25
Hexachloro-1,3-butadiene	3.75	4.57	4.24	122	113	70.0-151			7.49	25
Naphthalene	3.75	4.30	4.05	115	108	70.0-159			5.99	25
Allyl Chloride	3.75	3.64	3.59	97.1	95.7	70.0-130			1.38	25
2-Chlorotoluene	3.75	4.32	4.09	115	109	70.0-130			5.47	25
Methyl Methacrylate	3.75	3.43	3.36	91.5	89.6	70.0-130			2.06	25
Tetrahydrofuran	3.75	3.35	3.27	89.3	87.2	70.0-137			2.42	25
2,2,4-Trimethylpentane	3.75	3.60	3.48	96.0	92.8	70.0-130			3.39	25
Vinyl Bromide	3.75	3.78	3.67	101	97.9	70.0-130			2.95	25
Isopropylbenzene	3.75	4.12	4.00	110	107	70.0-130			2.96	25
(S) 1,4-Bromofluorobenzene				*95.4*	*94.1*	*60.0-140*				

Method Blank (MB)

(MB) R3517600-3 04/10/20 07:34

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	0.0636	E4	0.0569	1.25
Benzyl Chloride	0.120	E4	0.0598	0.200
Bromoform	U		0.0786	0.600
2-Chlorotoluene	U		0.0605	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	0.0724	E4	0.0597	0.200
1,4-Dichlorobenzene	0.0942	E4	0.0557	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
Isopropylbenzene	U		0.0563	0.200
2-Butanone (MEK)	U		0.0493	1.25
Naphthalene	U		0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*90.3*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517600-1 04/10/20 06:09 • (LCSD) R3517600-2 04/10/20 06:52

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	2.92	3.44	77.9	91.7	55.0-148			16.4	25
Propene	3.75	3.04	2.98	81.1	79.5	64.0-144			1.99	25
Acetone	3.75	3.35	3.32	89.3	88.5	70.0-130			0.900	25
2-Propanol	3.75	3.33	3.43	88.8	91.5	70.0-139			2.96	25
Methyl Ethyl Ketone	3.75	3.41	3.54	90.9	94.4	70.0-130			3.74	25
Ethylbenzene	3.75	3.87	3.85	103	103	70.0-130			0.518	25
m&p-Xylene	7.50	8.03	8.03	107	107	70.0-130			0.000	25
o-Xylene	3.75	4.01	3.98	107	106	70.0-130			0.751	25
Styrene	3.75	4.16	4.18	111	111	70.0-130			0.480	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517600-1 04/10/20 06:09 • (LCSD) R3517600-2 04/10/20 06:52

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Bromoform	3.75	4.39	4.34	117	116	70.0-130			1.15	25
1,1,2,2-Tetrachloroethane	3.75	3.99	3.96	106	106	70.0-130			0.755	25
4-Ethyltoluene	3.75	4.29	4.26	114	114	70.0-130			0.702	25
1,3,5-Trimethylbenzene	3.75	4.37	4.34	117	116	70.0-130			0.689	25
1,2,4-Trimethylbenzene	3.75	4.29	4.26	114	114	70.0-130			0.702	25
1,3-Dichlorobenzene	3.75	4.44	4.42	118	118	70.0-130			0.451	25
1,4-Dichlorobenzene	3.75	4.52	4.49	121	120	70.0-130			0.666	25
Benzyl Chloride	3.75	4.06	4.02	108	107	70.0-152			0.990	25
1,2-Dichlorobenzene	3.75	4.40	4.35	117	116	70.0-130			1.14	25
1,2,4-Trichlorobenzene	3.75	4.11	4.09	110	109	70.0-160			0.488	25
Hexachloro-1,3-butadiene	3.75	4.56	4.49	122	120	70.0-151			1.55	25
Naphthalene	3.75	4.23	4.19	113	112	70.0-159			0.950	25
2-Chlorotoluene	3.75	4.31	4.32	115	115	70.0-130			0.232	25
Isopropylbenzene	3.75	4.17	4.09	111	109	70.0-130			1.94	25
(S) 1,4-Bromofluorobenzene				*94.2*	*94.2*	*60.0-140*				

Method Blank (MB)

(MB) R3517764-3 04/11/20 07:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Bromodichloromethane	U		0.0436	0.200
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
n-Hexane	U		0.0457	0.200
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
2-Butanone (MEK)	U		0.0493	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
2-Propanol	U		0.0882	1.25
Propene	0.239	E4	0.0932	0.400
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200

Method Blank (MB)

(MB) R3517764-3 04/11/20 07:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Toluene	U		0.0499	0.200
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*93.3*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517764-1 04/11/20 06:00 • (LCSD) R3517764-2 04/11/20 06:38

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	4.23	4.01	113	107	55.0-148			5.34	25
Propene	3.75	4.07	4.48	109	119	64.0-144			9.59	25
Dichlorodifluoromethane	3.75	4.16	4.17	111	111	64.0-139			0.240	25
1,2-Dichlorotetrafluoroethane	3.75	4.09	4.29	109	114	70.0-130			4.77	25
Chloromethane	3.75	4.61	4.40	123	117	70.0-130			4.66	25
Vinyl chloride	3.75	4.44	4.31	118	115	70.0-130			2.97	25
1,3-Butadiene	3.75	4.42	4.28	118	114	70.0-130			3.22	25
Bromomethane	3.75	4.12	4.08	110	109	70.0-130			0.976	25
Chloroethane	3.75	4.22	4.19	113	112	70.0-130			0.713	25
Trichlorofluoromethane	3.75	3.99	3.99	106	106	70.0-130			0.000	25
1,1,2-Trichlorotrifluoroethane	3.75	4.12	4.15	110	111	70.0-130			0.726	25
1,1-Dichloroethene	3.75	3.88	4.12	103	110	70.0-130			6.00	25
1,1-Dichloroethane	3.75	4.25	4.04	113	108	70.0-130			5.07	25
Acetone	3.75	4.20	4.43	112	118	70.0-130			5.33	25
2-Propanol	3.75	4.07	3.91	109	104	70.0-139			4.01	25
Carbon disulfide	3.75	4.21	4.19	112	112	70.0-130			0.476	25
Methylene Chloride	3.75	3.92	4.22	105	113	70.0-130			7.37	25
MTBE	3.75	3.92	3.89	105	104	70.0-130			0.768	25
trans-1,2-Dichloroethene	3.75	4.28	4.24	114	113	70.0-130			0.939	25
n-Hexane	3.75	4.32	4.33	115	115	70.0-130			0.231	25
Vinyl acetate	3.75	4.26	4.07	114	109	70.0-130			4.56	25
Methyl Ethyl Ketone	3.75	4.35	3.66	116	97.6	70.0-130			17.2	25
cis-1,2-Dichloroethene	3.75	3.87	3.94	103	105	70.0-130			1.79	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517764-1 04/11/20 06:00 • (LCSD) R3517764-2 04/11/20 06:38

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloroform	3.75	4.03	4.01	107	107	70.0-130			0.498	25
Cyclohexane	3.75	3.97	4.22	106	113	70.0-130			6.11	25
1,1,1-Trichloroethane	3.75	4.02	3.98	107	106	70.0-130			1.00	25
Carbon tetrachloride	3.75	3.82	3.97	102	106	70.0-130			3.85	25
Benzene	3.75	3.99	3.95	106	105	70.0-130			1.01	25
1,2-Dichloroethane	3.75	3.84	3.97	102	106	70.0-130			3.33	25
Heptane	3.75	4.30	4.15	115	111	70.0-130			3.55	25
Trichloroethylene	3.75	4.06	4.05	108	108	70.0-130			0.247	25
1,2-Dichloropropane	3.75	4.07	4.05	109	108	70.0-130			0.493	25
1,4-Dioxane	3.75	3.98	3.93	106	105	70.0-140			1.26	25
Bromodichloromethane	3.75	3.90	3.95	104	105	70.0-130			1.27	25
cis-1,3-Dichloropropene	3.75	3.85	3.93	103	105	70.0-130			2.06	25
4-Methyl-2-pentanone (MIBK)	3.75	3.97	3.89	106	104	70.0-139			2.04	25
Toluene	3.75	4.03	3.94	107	105	70.0-130			2.26	25
trans-1,3-Dichloropropene	3.75	3.69	3.68	98.4	98.1	70.0-130			0.271	25
1,1,2-Trichloroethane	3.75	3.94	3.87	105	103	70.0-130			1.79	25
Tetrachloroethylene	3.75	3.91	3.87	104	103	70.0-130			1.03	25
Methyl Butyl Ketone	3.75	4.19	4.08	112	109	70.0-149			2.66	25
Dibromochloromethane	3.75	3.82	3.87	102	103	70.0-130			1.30	25
1,2-Dibromoethane	3.75	3.79	3.84	101	102	70.0-130			1.31	25
Chlorobenzene	3.75	3.77	3.80	101	101	70.0-130			0.793	25
Allyl Chloride	3.75	4.49	4.28	120	114	70.0-130			4.79	25
Methyl Methacrylate	3.75	4.05	3.95	108	105	70.0-130			2.50	25
Tetrahydrofuran	3.75	3.97	3.96	106	106	70.0-137			0.252	25
2,2,4-Trimethylpentane	3.75	4.35	4.25	116	113	70.0-130			2.33	25
Vinyl Bromide	3.75	4.20	4.19	112	112	70.0-130			0.238	25
(S) 1,4-Bromofluorobenzene				*100*	*100*	*60.0-140*				

Instrument: AIRMS4 • File ID: 0409_02

04/09/20 05:50

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
Standard	0409_02	60398	221832	227942
Upper Limit		122703	460501	448516
Lower Limit		52587	197357	192221
LCS R3517337-1 WG1457967 1x	0409_03	59011	220610	224604
BLANK R3517337-2 WG1457967 1x	0409_04	59445	216660	221650
LCSD R3517337-3 WG1457967 1x	0409_05	61867	228451	237949
L1206920-02 WG1457967 1x	0409_10	64710	253320	254960
L1206920-03 WG1457967 1x	0409_11	65387	251244	241199
L1206920-04 WG1457967 1x	0409_12	65583	248750	236738
L1206920-05 WG1457967 1x	0409_13	83088	295217	262399
L1206920-06 WG1457967 1x	0409_14	65430	249167	234097
L1206920-08 WG1457967 1x	0409_16	77758	281042	258404
L1206920-09 WG1457967 1x	0409_17	62290	236928	228993
L1206920-10 WG1457967 1x	0409_18	62685	240741	233209
L1206920-11 WG1457967 1x	0409_19	70494	258107	242570
L1206920-12 WG1457967 1x	0409_20	66294	245841	234752
L1206920-01 WG1457967 1x	0409_21	77659	292501	264713

Instrument: AIRMS4 • File ID: 0410_01

04/10/20 05:27

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
Standard	0410_01	57336	209941	217692
Upper Limit		122703	460501	448516
Lower Limit		52587	197357	192221
LCS R3517600-1 WG1458653 1x	0410_02	56405	209617	216196
LCSD R3517600-2 WG1458653 1x	0410_03	54242	204309	217371
BLANK R3517600-3 WG1458653 1x	0410_04	54811	205740	214721
L1206920-01 WG1458653 10x	0410_12	55569	225912	230590
L1206920-02 WG1458653 10x	0410_13	67846	264809	252333
L1206920-03 WG1458653 10x	0410_14	55159	216444	216798
L1206920-04 WG1458653 10x	0410_15	70788	272339	253592
L1206920-05 WG1458653 10x	0410_16	58838	221328	213488
L1206920-06 WG1458653 10x	0410_17	55685	210678	209578
L1206920-07 WG1458653 1x	0410_18			207069

Instrument: AIRMS4 • File ID: 0410_01

04/10/20 05:27

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
L1206920-08 WG1458653 10x	0410_19	70255	267892	246994
L1206920-10 WG1458653 10x	0410_21	52713	202021	210799
L1206920-11 WG1458653 10x	0410_22	60786	227275	218976
L1206920-12 WG1458653 10x	0410_23	55742	212679	209688

Instrument: AIRMS5 • File ID: 0411_01

04/11/20 05:22

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
Standard	0411_01	257748	1043365	994368
Upper Limit		357621	1452459	1384463
Lower Limit		153266	622483	593341
LCS R3517764-1 WG1459253 1x	0411_02	239987	982627	916891
LCSD R3517764-2 WG1459253 1x	0411_03	241409	992899	926736
BLANK R3517764-3 WG1459253 1x	0411_04	233645	943938	880188
L1206920-07 WG1459253 1x	0411_08	205642	796171	616839
L1206920-09 WG1459253 10x	0411_09	173929	659999	685138

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B1	Target analyte detected in method blank at or above the method reporting limit.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

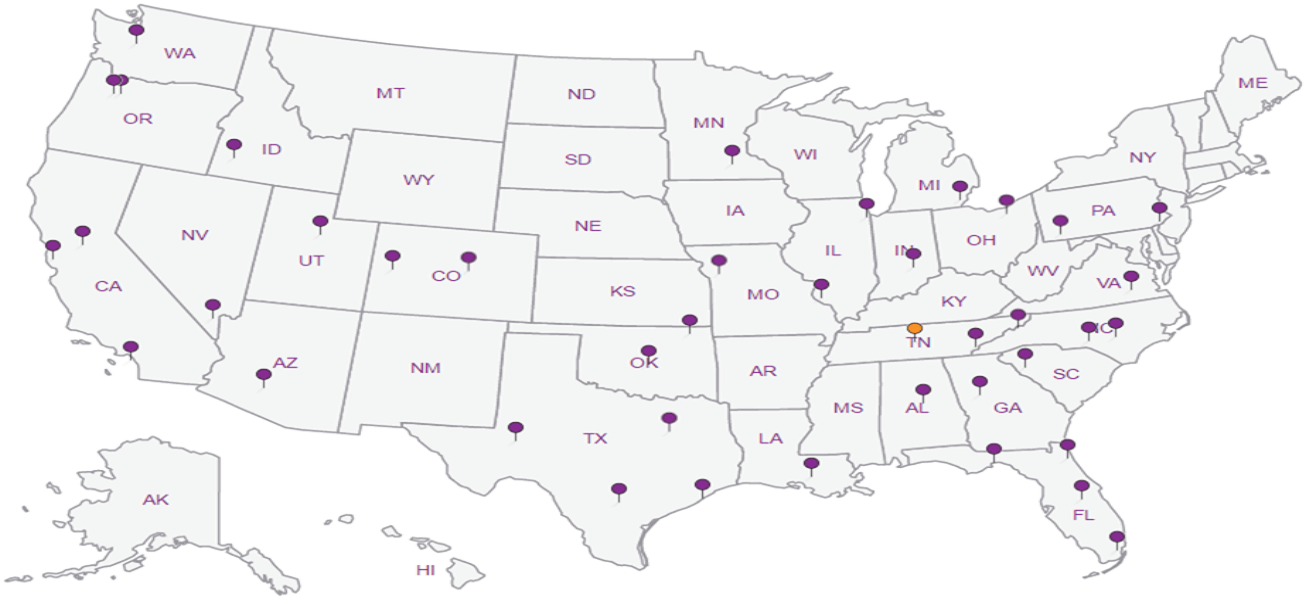
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon - Tucson, AZ

355 South Euclid, Ste 107
Tucson, AZ 85719

Billing Information:
Accounts Payable
355 South Euclid, Ste 107
Tucson, AZ 85719

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Please Circle: PT MT CT ET

Phone: 520-798-4832
Fax: 520-792-2539

Client Project # 63207052

Lab Project # TERRTUAZ-63207052

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 2

Pace Analytical® National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1206920

Table # K001

Acctnum: TERRTUAZ

Template: T165568

Prelogin: P765106

PM: 288 - Daphne Richards

PB: CK 03/31/20

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TO-15 Summa									Remarks	Sample # (lab only)
SG-1-5		Air	5	4/6/20	0920	1	X										-01
SG-1-5-Dup		Air	5	4/6/20	0920	1	X										02
SG-1-20		Air	20		1025	1	X										03
~~SG~~ SG-2-5		Air	5		1230	1	X										04
SG-2-20		Air	20		1325	1	X										05
SG-3-5		Air	5		1516	1	X										06
SG-AMB		Air	—		1516	1	X										07
SG-3-20		Air	20		1620	1	X										08
SG-4-5		Air	5	4/7/20	1125	1	X										09
SG-4-5-Dup		Air	5	4/7/20	1125	1	X										10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS ✓ FedEx __ Courier _____

Tracking # 1411 1755 8640 / 8651 / 8630

Sample Receipt Checklist
COC Seal Present/Intact: ✓NP __Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
[signature]	4/7/20	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: Amb 12	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/8/20 Time: 0830	Hold: / Condition: NCF / OK

Terracon - Tucson, AZ

355 South Euclid, Ste 107
Tucson, AZ 85719

Billing Information:
Accounts Payable
355 South Euclid, Ste 107
Tucson, AZ 85719

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 2

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Please Circle: PT MT CT ET

Phone: 520-798-4832
Fax: 520-792-2539

Client Project # 63207052

Lab Project # TERRTUAZ-63207052

SDG # L1206820

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: TERRTUAZ

Template: T165568

Prelogin: P765106

PM: 288 - Daphne Richards

PB: CJG 03/31/20

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Shipped Via: FedEX Ground

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TO-15 Summa									Remarks	Sample # (lab only)
SG-4-20		Air	20	4/7/20	1224	1	X										-11
SG-5-5		Air	5	4/7/20	1405	1	X										12
~~SG-5-20~~		Air	~~20~~	4/7/20	~~1545~~	~~1~~	~~X~~										
		Air				1	X										
		Air				1	X										
		Air				1	X										

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS / FedEx __ Courier _____

Tracking # same

Sample Receipt Checklist
COC Seal Present/Intact: / NP __Y __N
COC Signed/Accurate: / __Y __N
Bottles arrive intact: / __Y __N
Correct bottles used: / __Y __N
Sufficient volume sent: / __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD Screen <0.5 mR/hr: / __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
B Li-Vidal	4/7/20	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: Amb 12	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/8/20 Time: 0830	Hold: / Condition: NCF / OK

ANALYTICAL REPORT

April 17, 2020

Terracon - Tucson, AZ

Sample Delivery Group:	L1207230
Samples Received:	04/09/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-6-S L1207230-01 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 09:05	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:27	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:13	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1.03	04/08/20 09:05	04/10/20 16:56	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 03:08	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 11:08	AAT	Mt. Juliet, TN

SS-6-5 L1207230-02 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 10:45	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:40	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:17	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1.06	04/08/20 10:45	04/10/20 17:15	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 03:21	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 06:33	AAT	Mt. Juliet, TN

SS-6-10 L1207230-03 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 10:50	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:42	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:25	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1.06	04/08/20 10:50	04/10/20 17:34	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 03:33	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 10:47	AAT	Mt. Juliet, TN

SS-6-15 L1207230-04 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 10:55	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:45	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:28	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 10:55	04/10/20 17:53	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 03:46	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 06:59	AAT	Mt. Juliet, TN

SS-6-20 L1207230-05 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 11:35	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:48	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:31	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 11:35	04/10/20 18:12	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 03:58	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 07:20	AAT	Mt. Juliet, TN

SS-6-25 L1207230-06 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 11:40 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:50	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:34	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 11:40	04/10/20 18:31	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 04:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 08:01	AAT	Mt. Juliet, TN

SS-6-30 L1207230-07 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 11:45 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:53	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:36	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 11:45	04/10/20 18:50	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459232	1	04/11/20 13:15	04/13/20 04:23	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 08:22	AAT	Mt. Juliet, TN

SS-6-35 L1207230-08 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 11:50 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:55	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:39	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 11:50	04/10/20 19:09	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 14:22	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461078	1	04/15/20 16:20	04/15/20 23:54	AAT	Mt. Juliet, TN

SS-6-40 L1207230-09 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 12:00 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 20:58	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:42	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 12:00	04/10/20 19:28	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 14:36	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 09:04	AAT	Mt. Juliet, TN

SS-7-S L1207230-10 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 12:25 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:00	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 10:45	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1.18	04/08/20 12:25	04/10/20 19:47	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 14:49	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 11:29	AAT	Mt. Juliet, TN

SS-7-5 L1207230-11 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 12:35 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:08	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:27	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 12:35	04/10/20 20:06	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 15:03	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 09:24	AAT	Mt. Juliet, TN

SS-7-10 L1207230-12 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 12:40 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:10	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458849	1	04/10/20 14:50	04/11/20 09:55	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458811	1	04/08/20 12:40	04/10/20 20:25	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 15:17	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 09:45	AAT	Mt. Juliet, TN

SS-7-15 L1207230-13 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 12:45 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:13	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:30	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 12:45	04/11/20 00:18	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 15:31	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 10:06	AAT	Mt. Juliet, TN

SS-7-25 L1207230-14 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 12:55 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:16	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:32	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 12:55	04/11/20 00:37	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 15:44	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460444	1	04/14/20 20:34	04/15/20 10:27	AAT	Mt. Juliet, TN

SS-7-30 L1207230-15 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:00 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:18	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:35	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1.06	04/08/20 13:00	04/11/20 00:56	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 15:58	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 00:49	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-7-35 L1207230-16 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:10 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:21	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:38	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 13:10	04/11/20 01:15	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 16:12	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 01:12	AAT	Mt. Juliet, TN

SS-7-35-DUP L1207230-17 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:10 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:23	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:40	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 13:10	04/11/20 01:34	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 16:26	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 01:35	AAT	Mt. Juliet, TN

SS-7-40 L1207230-18 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:15 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:26	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:43	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 13:15	04/11/20 01:54	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 16:39	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 01:58	AAT	Mt. Juliet, TN

SS-8-S L1207230-19 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:40 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:29	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:51	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 13:40	04/11/20 02:13	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 16:53	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 02:21	AAT	Mt. Juliet, TN

SS-8-5 L1207230-20 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:50 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458676	1	04/10/20 09:27	04/12/20 21:31	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:53	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 13:50	04/11/20 02:32	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 17:07	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 02:44	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-8-10 L1207230-21 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 13:55 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:43	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:56	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1.1	04/08/20 13:55	04/11/20 02:51	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 17:21	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 05:47	AAT	Mt. Juliet, TN

SS-8-15 L1207230-22 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 14:00 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:46	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458568	1	04/10/20 15:01	04/11/20 11:58	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1.01	04/08/20 14:00	04/11/20 03:09	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 13:41	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 03:53	AAT	Mt. Juliet, TN

SS-8-20 L1207230-23 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 14:05 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:48	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458565	1	04/10/20 04:59	04/10/20 20:24	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1.08	04/08/20 14:05	04/11/20 03:28	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 17:34	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 04:16	AAT	Mt. Juliet, TN

SS-8-25 L1207230-24 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 14:10 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:51	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458565	1	04/10/20 04:59	04/10/20 20:26	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1.05	04/08/20 14:10	04/11/20 03:47	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 17:48	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 04:38	AAT	Mt. Juliet, TN

SS-8-35 L1207230-25 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/08/20 14:20 | Received date/time: 04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:53	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458565	1	04/10/20 04:59	04/10/20 20:29	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 14:20	04/11/20 04:07	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 18:02	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 05:01	AAT	Mt. Juliet, TN

SS-8-40 L1207230-26 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 14:30	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1458686	1	04/10/20 09:37	04/12/20 18:56	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458565	1	04/10/20 04:59	04/10/20 20:32	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458899	1	04/08/20 14:30	04/11/20 04:26	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1459538	1	04/14/20 08:51	04/14/20 18:15	LEL	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460445	1	04/14/20 15:35	04/15/20 05:24	AAT	Mt. Juliet, TN

EB-3 L1207230-27 GW

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 13:50	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1458411	1	04/10/20 08:54	04/10/20 17:18	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458374	1	04/10/20 09:49	04/11/20 08:19	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1458512	1	04/09/20 23:38	04/09/20 23:38	JCP	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460647	1	04/15/20 00:14	04/15/20 14:30	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1459544	1	04/13/20 08:45	04/13/20 12:35	LEA	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0822		0.0400	1	04/12/2020 20:27	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.46		2.00	1	04/11/2020 10:13	WG1458849
Barium	98.3		0.500	1	04/11/2020 10:13	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:13	WG1458849
Chromium	11.4		1.00	1	04/11/2020 10:13	WG1458849
Lead	49.6		0.500	1	04/11/2020 10:13	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:13	WG1458849
Silver	ND		1.00	1	04/11/2020 10:13	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.644	1.03	04/10/2020 16:56	WG1458811
Acrylonitrile	ND		0.322	1.03	04/10/2020 16:56	WG1458811
Benzene	ND		0.0258	1.03	04/10/2020 16:56	WG1458811
Bromobenzene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
Bromodichloromethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Bromoform	ND		0.644	1.03	04/10/2020 16:56	WG1458811
Bromomethane	ND		0.322	1.03	04/10/2020 16:56	WG1458811
1,3-Butadiene	ND		0.644	1.03	04/10/2020 16:56	WG1458811
n-Butylbenzene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
sec-Butylbenzene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
tert-Butylbenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Carbon disulfide	ND		0.322	1.03	04/10/2020 16:56	WG1458811
Carbon tetrachloride	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Chlorobenzene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Chlorodibromomethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Chloroethane	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Chloroform	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Chloromethane	ND		0.322	1.03	04/10/2020 16:56	WG1458811
2-Chlorotoluene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
4-Chlorotoluene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Cyclohexane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.644	1.03	04/10/2020 16:56	WG1458811
1,2-Dibromoethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Dibromomethane	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,2-Dichlorobenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,3-Dichlorobenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,4-Dichlorobenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Dichlorodifluoromethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,1-Dichloroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,2-Dichloroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,1-Dichloroethene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
cis-1,2-Dichloroethene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
trans-1,2-Dichloroethene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,2-Dichloropropane	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,1-Dichloropropene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,3-Dichloropropane	ND		0.129	1.03	04/10/2020 16:56	WG1458811
cis-1,3-Dichloropropene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
trans-1,3-Dichloropropene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
2,2-Dichloropropane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
Di-isopropyl ether	ND		0.0258	1.03	04/10/2020 16:56	WG1458811
Ethylbenzene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
4-Ethyltoluene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Hexachloro-1,3-butadiene	ND		0.644	1.03	04/10/2020 16:56	WG1458811
n-Hexane	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Isopropylbenzene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
p-Isopropyltoluene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
2-Butanone (MEK)	ND		0.644	1.03	04/10/2020 16:56	WG1458811
Methylene Chloride	ND		0.644	1.03	04/10/2020 16:56	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.644	1.03	04/10/2020 16:56	WG1458811
Methyl tert-butyl ether	ND		0.0258	1.03	04/10/2020 16:56	WG1458811
Methyl Cyclohexane	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Naphthalene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
Propene	ND	L1	1.29	1.03	04/10/2020 16:56	WG1458811
n-Propylbenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Styrene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Tetrachloroethene	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Toluene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,2,3-Trichlorobenzene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
1,2,4-Trichlorobenzene	ND		0.322	1.03	04/10/2020 16:56	WG1458811
1,1,1-Trichloroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,1,2-Trichloroethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Trichloroethene	ND		0.0258	1.03	04/10/2020 16:56	WG1458811
Trichlorofluoromethane	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
1,2,3-Trichloropropane	ND		0.322	1.03	04/10/2020 16:56	WG1458811
1,2,4-Trimethylbenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,2,3-Trimethylbenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
1,3,5-Trimethylbenzene	ND		0.129	1.03	04/10/2020 16:56	WG1458811
Vinyl chloride	ND		0.0644	1.03	04/10/2020 16:56	WG1458811
Xylenes, Total	ND		0.167	1.03	04/10/2020 16:56	WG1458811
(S) Toluene-d8	*106*		*75.0-131*		*04/10/2020 16:56*	WG1458811
(S) 4-Bromofluorobenzene	*98.1*		*67.0-138*		*04/10/2020 16:56*	WG1458811
(S) 1,2-Dichloroethane-d4	*88.9*		*70.0-130*		*04/10/2020 16:56*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 03:08	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 03:08	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 03:08	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 03:08	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 03:08	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 03:08	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 03:08	WG1459232
(S) Decachlorobiphenyl	*106*		*10.0-135*		*04/13/2020 03:08*	WG1459232
(S) Tetrachloro-m-xylene	*101*		*10.0-139*		*04/13/2020 03:08*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Benzo(a)pyrene	0.00658		0.00600	1	04/15/2020 11:08	WG1460444
Benzo(b)fluoranthene	0.0107		0.00600	1	04/15/2020 11:08	WG1460444
Benzo(g,h,i)perylene	0.0112		0.00600	1	04/15/2020 11:08	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Chrysene	0.00826		0.00600	1	04/15/2020 11:08	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Fluoranthene	0.0168		0.00600	1	04/15/2020 11:08	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 11:08	WG1460444
Indeno(1,2,3-cd)pyrene	0.00613		0.00600	1	04/15/2020 11:08	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 11:08	WG1460444
Phenanthrene	0.00671		0.00600	1	04/15/2020 11:08	WG1460444
Pyrene	0.0171		0.00600	1	04/15/2020 11:08	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 11:08	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 11:08	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 11:08	WG1460444
(S) p-Terphenyl-d14	*69.3*		*23.0-120*		*04/15/2020 11:08*	WG1460444
(S) Nitrobenzene-d5	*63.0*		*14.0-149*		*04/15/2020 11:08*	WG1460444
(S) 2-Fluorobiphenyl	*60.1*		*34.0-125*		*04/15/2020 11:08*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:40	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.32		2.00	1	04/11/2020 10:17	WG1458849
Barium	118		0.500	1	04/11/2020 10:17	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:17	WG1458849
Chromium	12.0		1.00	1	04/11/2020 10:17	WG1458849
Lead	17.7		0.500	1	04/11/2020 10:17	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:17	WG1458849
Silver	ND		1.00	1	04/11/2020 10:17	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.663	1.06	04/10/2020 17:15	WG1458811
Acrylonitrile	ND		0.331	1.06	04/10/2020 17:15	WG1458811
Benzene	ND		0.0265	1.06	04/10/2020 17:15	WG1458811
Bromobenzene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
Bromodichloromethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Bromoform	ND		0.663	1.06	04/10/2020 17:15	WG1458811
Bromomethane	ND		0.331	1.06	04/10/2020 17:15	WG1458811
1,3-Butadiene	ND		0.663	1.06	04/10/2020 17:15	WG1458811
n-Butylbenzene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
sec-Butylbenzene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
tert-Butylbenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Carbon disulfide	ND		0.331	1.06	04/10/2020 17:15	WG1458811
Carbon tetrachloride	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Chlorobenzene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Chlorodibromomethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Chloroethane	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Chloroform	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Chloromethane	ND		0.331	1.06	04/10/2020 17:15	WG1458811
2-Chlorotoluene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
4-Chlorotoluene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Cyclohexane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.663	1.06	04/10/2020 17:15	WG1458811
1,2-Dibromoethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Dibromomethane	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,2-Dichlorobenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,3-Dichlorobenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,4-Dichlorobenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Dichlorodifluoromethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,1-Dichloroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,2-Dichloroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,1-Dichloroethene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
cis-1,2-Dichloroethene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
trans-1,2-Dichloroethene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,2-Dichloropropane	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,1-Dichloropropene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,3-Dichloropropane	ND		0.133	1.06	04/10/2020 17:15	WG1458811
cis-1,3-Dichloropropene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
trans-1,3-Dichloropropene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
2,2-Dichloropropane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
Di-isopropyl ether	ND		0.0265	1.06	04/10/2020 17:15	WG1458811
Ethylbenzene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
4-Ethyltoluene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Hexachloro-1,3-butadiene	ND		0.663	1.06	04/10/2020 17:15	WG1458811
n-Hexane	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Isopropylbenzene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
p-Isopropyltoluene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
2-Butanone (MEK)	ND		0.663	1.06	04/10/2020 17:15	WG1458811
Methylene Chloride	ND		0.663	1.06	04/10/2020 17:15	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.663	1.06	04/10/2020 17:15	WG1458811
Methyl tert-butyl ether	ND		0.0265	1.06	04/10/2020 17:15	WG1458811
Methyl Cyclohexane	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Naphthalene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
Propene	ND	L1	1.33	1.06	04/10/2020 17:15	WG1458811
n-Propylbenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Styrene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Tetrachloroethene	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Toluene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,2,3-Trichlorobenzene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
1,2,4-Trichlorobenzene	ND		0.331	1.06	04/10/2020 17:15	WG1458811
1,1,1-Trichloroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,1,2-Trichloroethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Trichloroethene	ND		0.0265	1.06	04/10/2020 17:15	WG1458811
Trichlorofluoromethane	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
1,2,3-Trichloropropane	ND		0.331	1.06	04/10/2020 17:15	WG1458811
1,2,4-Trimethylbenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,2,3-Trimethylbenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
1,3,5-Trimethylbenzene	ND		0.133	1.06	04/10/2020 17:15	WG1458811
Vinyl chloride	ND		0.0663	1.06	04/10/2020 17:15	WG1458811
Xylenes, Total	ND		0.172	1.06	04/10/2020 17:15	WG1458811
(S) Toluene-d8	*106*		*75.0-131*		*04/10/2020 17:15*	WG1458811
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/10/2020 17:15*	WG1458811
(S) 1,2-Dichloroethane-d4	*88.9*		*70.0-130*		*04/10/2020 17:15*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 03:21	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 03:21	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 03:21	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 03:21	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 03:21	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 03:21	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 03:21	WG1459232
(S) Decachlorobiphenyl	*83.6*		*10.0-135*		*04/13/2020 03:21*	WG1459232
(S) Tetrachloro-m-xylene	*78.9*		*10.0-139*		*04/13/2020 03:21*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 06:33	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 06:33	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 06:33	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:33	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:33	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 06:33	WG1460444
(S) p-Terphenyl-d14	*79.6*		*23.0-120*		*04/15/2020 06:33*	WG1460444
(S) Nitrobenzene-d5	*71.6*		*14.0-149*		*04/15/2020 06:33*	WG1460444
(S) 2-Fluorobiphenyl	*65.8*		*34.0-125*		*04/15/2020 06:33*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:42	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.28		2.00	1	04/11/2020 10:25	WG1458849
Barium	140		0.500	1	04/11/2020 10:25	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:25	WG1458849
Chromium	10.3		1.00	1	04/11/2020 10:25	WG1458849
Lead	15.8		0.500	1	04/11/2020 10:25	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:25	WG1458849
Silver	ND		1.00	1	04/11/2020 10:25	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.663	1.06	04/10/2020 17:34	WG1458811
Acrylonitrile	ND		0.331	1.06	04/10/2020 17:34	WG1458811
Benzene	ND		0.0265	1.06	04/10/2020 17:34	WG1458811
Bromobenzene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
Bromodichloromethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Bromoform	ND		0.663	1.06	04/10/2020 17:34	WG1458811
Bromomethane	ND		0.331	1.06	04/10/2020 17:34	WG1458811
1,3-Butadiene	ND		0.663	1.06	04/10/2020 17:34	WG1458811
n-Butylbenzene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
sec-Butylbenzene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
tert-Butylbenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Carbon disulfide	ND		0.331	1.06	04/10/2020 17:34	WG1458811
Carbon tetrachloride	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Chlorobenzene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Chlorodibromomethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Chloroethane	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Chloroform	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Chloromethane	ND		0.331	1.06	04/10/2020 17:34	WG1458811
2-Chlorotoluene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
4-Chlorotoluene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Cyclohexane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.663	1.06	04/10/2020 17:34	WG1458811
1,2-Dibromoethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Dibromomethane	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,2-Dichlorobenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,3-Dichlorobenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,4-Dichlorobenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Dichlorodifluoromethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,1-Dichloroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,2-Dichloroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,1-Dichloroethene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
cis-1,2-Dichloroethene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
trans-1,2-Dichloroethene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,2-Dichloropropane	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,1-Dichloropropene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,3-Dichloropropane	ND		0.133	1.06	04/10/2020 17:34	WG1458811
cis-1,3-Dichloropropene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
trans-1,3-Dichloropropene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
2,2-Dichloropropane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
Di-isopropyl ether	ND		0.0265	1.06	04/10/2020 17:34	WG1458811
Ethylbenzene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
4-Ethyltoluene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Hexachloro-1,3-butadiene	ND		0.663	1.06	04/10/2020 17:34	WG1458811
n-Hexane	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Isopropylbenzene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
p-Isopropyltoluene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
2-Butanone (MEK)	ND		0.663	1.06	04/10/2020 17:34	WG1458811
Methylene Chloride	ND		0.663	1.06	04/10/2020 17:34	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.663	1.06	04/10/2020 17:34	WG1458811
Methyl tert-butyl ether	ND		0.0265	1.06	04/10/2020 17:34	WG1458811
Methyl Cyclohexane	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Naphthalene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
Propene	ND	L1	1.33	1.06	04/10/2020 17:34	WG1458811
n-Propylbenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Styrene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Tetrachloroethene	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Toluene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,2,3-Trichlorobenzene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
1,2,4-Trichlorobenzene	ND		0.331	1.06	04/10/2020 17:34	WG1458811
1,1,1-Trichloroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,1,2-Trichloroethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Trichloroethene	ND		0.0265	1.06	04/10/2020 17:34	WG1458811
Trichlorofluoromethane	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
1,2,3-Trichloropropane	ND		0.331	1.06	04/10/2020 17:34	WG1458811
1,2,4-Trimethylbenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,2,3-Trimethylbenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
1,3,5-Trimethylbenzene	ND		0.133	1.06	04/10/2020 17:34	WG1458811
Vinyl chloride	ND		0.0663	1.06	04/10/2020 17:34	WG1458811
Xylenes, Total	ND		0.172	1.06	04/10/2020 17:34	WG1458811
(S) Toluene-d8	*107*		*75.0-131*		*04/10/2020 17:34*	WG1458811
(S) 4-Bromofluorobenzene	*98.6*		*67.0-138*		*04/10/2020 17:34*	WG1458811
(S) 1,2-Dichloroethane-d4	*90.4*		*70.0-130*		*04/10/2020 17:34*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 03:33	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 03:33	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 03:33	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 03:33	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 03:33	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 03:33	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 03:33	WG1459232
(S) Decachlorobiphenyl	*95.8*		*10.0-135*		*04/13/2020 03:33*	WG1459232
(S) Tetrachloro-m-xylene	*99.5*		*10.0-139*		*04/13/2020 03:33*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 10:47	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 10:47	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 10:47	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 10:47	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 10:47	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 10:47	WG1460444
(S) p-Terphenyl-d14	*54.9*		*23.0-120*		*04/15/2020 10:47*	WG1460444
(S) Nitrobenzene-d5	*47.7*		*14.0-149*		*04/15/2020 10:47*	WG1460444
(S) 2-Fluorobiphenyl	*46.1*		*34.0-125*		*04/15/2020 10:47*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:45	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.61		2.00	1	04/11/2020 10:28	WG1458849
Barium	110		0.500	1	04/11/2020 10:28	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:28	WG1458849
Chromium	16.2		1.00	1	04/11/2020 10:28	WG1458849
Lead	16.6		0.500	1	04/11/2020 10:28	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:28	WG1458849
Silver	ND		1.00	1	04/11/2020 10:28	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 17:53	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 17:53	WG1458811
Benzene	ND		0.0250	1	04/10/2020 17:53	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 17:53	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
Bromoform	ND		0.625	1	04/10/2020 17:53	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 17:53	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 17:53	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 17:53	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 17:53	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 17:53	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 17:53	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 17:53	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 17:53	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 17:53	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 17:53	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 17:53	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 17:53	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 17:53	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 17:53	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 17:53	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 17:53	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 17:53	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 17:53	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 17:53	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 17:53	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 17:53	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 17:53	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 17:53	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 17:53	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 17:53	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 17:53	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 17:53	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 17:53	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 17:53	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 17:53	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 17:53	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 17:53	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 17:53	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 17:53	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 17:53	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 17:53	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 17:53	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
Styrene	ND		0.313	1	04/10/2020 17:53	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 17:53	WG1458811
Toluene	ND		0.125	1	04/10/2020 17:53	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 17:53	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 17:53	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 17:53	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 17:53	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 17:53	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 17:53	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 17:53	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 17:53	WG1458811
(S) Toluene-d8	*107*		*75.0-131*		*04/10/2020 17:53*	WG1458811
(S) 4-Bromofluorobenzene	*99.6*		*67.0-138*		*04/10/2020 17:53*	WG1458811
(S) 1,2-Dichloroethane-d4	*84.9*		*70.0-130*		*04/10/2020 17:53*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 03:46	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 03:46	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 03:46	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 03:46	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 03:46	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 03:46	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 03:46	WG1459232
(S) Decachlorobiphenyl	*92.1*		*10.0-135*		*04/13/2020 03:46*	WG1459232
(S) Tetrachloro-m-xylene	*91.5*		*10.0-139*		*04/13/2020 03:46*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 06:59	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 06:59	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 06:59	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:59	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:59	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 06:59	WG1460444
(S) p-Terphenyl-d14	*72.4*		*23.0-120*		*04/15/2020 06:59*	WG1460444
(S) Nitrobenzene-d5	*62.3*		*14.0-149*		*04/15/2020 06:59*	WG1460444
(S) 2-Fluorobiphenyl	*59.7*		*34.0-125*		*04/15/2020 06:59*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:48	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.48		2.00	1	04/11/2020 10:31	WG1458849
Barium	40.0		0.500	1	04/11/2020 10:31	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:31	WG1458849
Chromium	3.39		1.00	1	04/11/2020 10:31	WG1458849
Lead	5.80		0.500	1	04/11/2020 10:31	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:31	WG1458849
Silver	ND		1.00	1	04/11/2020 10:31	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 18:12	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 18:12	WG1458811
Benzene	ND		0.0250	1	04/10/2020 18:12	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 18:12	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
Bromoform	ND		0.625	1	04/10/2020 18:12	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 18:12	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 18:12	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 18:12	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 18:12	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 18:12	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 18:12	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 18:12	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 18:12	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 18:12	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 18:12	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 18:12	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 18:12	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 18:12	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 18:12	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 18:12	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 18:12	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 18:12	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 18:12	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 18:12	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 18:12	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 18:12	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 18:12	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 18:12	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 18:12	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 18:12	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 18:12	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 18:12	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 18:12	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 18:12	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 18:12	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 18:12	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 18:12	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 18:12	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 18:12	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 18:12	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 18:12	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 18:12	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
Styrene	ND		0.313	1	04/10/2020 18:12	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 18:12	WG1458811
Toluene	ND		0.125	1	04/10/2020 18:12	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 18:12	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 18:12	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 18:12	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 18:12	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 18:12	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 18:12	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 18:12	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 18:12	WG1458811
(S) Toluene-d8	*105*		*75.0-131*		*04/10/2020 18:12*	WG1458811
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/10/2020 18:12*	WG1458811
(S) 1,2-Dichloroethane-d4	*94.5*		*70.0-130*		*04/10/2020 18:12*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 03:58	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 03:58	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 03:58	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 03:58	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 03:58	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 03:58	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 03:58	WG1459232
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/13/2020 03:58*	WG1459232
(S) Tetrachloro-m-xylene	*113*		*10.0-139*		*04/13/2020 03:58*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 07:20	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 07:20	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 07:20	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 07:20	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 07:20	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 07:20	WG1460444
(S) p-Terphenyl-d14	*68.8*		*23.0-120*		*04/15/2020 07:20*	WG1460444
(S) Nitrobenzene-d5	*55.8*		*14.0-149*		*04/15/2020 07:20*	WG1460444
(S) 2-Fluorobiphenyl	*55.0*		*34.0-125*		*04/15/2020 07:20*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:50	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.60		2.00	1	04/11/2020 10:34	WG1458849
Barium	42.7		0.500	1	04/11/2020 10:34	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:34	WG1458849
Chromium	4.47		1.00	1	04/11/2020 10:34	WG1458849
Lead	5.91		0.500	1	04/11/2020 10:34	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:34	WG1458849
Silver	ND		1.00	1	04/11/2020 10:34	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 18:31	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 18:31	WG1458811
Benzene	ND		0.0250	1	04/10/2020 18:31	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 18:31	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
Bromoform	ND		0.625	1	04/10/2020 18:31	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 18:31	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 18:31	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 18:31	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 18:31	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 18:31	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 18:31	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 18:31	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 18:31	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 18:31	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 18:31	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 18:31	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 18:31	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 18:31	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 18:31	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 18:31	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 18:31	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 18:31	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 18:31	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 18:31	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 18:31	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 18:31	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 18:31	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 18:31	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 18:31	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 18:31	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 18:31	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 18:31	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 18:31	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 18:31	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 18:31	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 18:31	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 18:31	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 18:31	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 18:31	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 18:31	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 18:31	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 18:31	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
Styrene	ND		0.313	1	04/10/2020 18:31	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 18:31	WG1458811
Toluene	ND		0.125	1	04/10/2020 18:31	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 18:31	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 18:31	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 18:31	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 18:31	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 18:31	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 18:31	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 18:31	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 18:31	WG1458811
(S) Toluene-d8	*107*		*75.0-131*		*04/10/2020 18:31*	WG1458811
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/10/2020 18:31*	WG1458811
(S) 1,2-Dichloroethane-d4	*90.2*		*70.0-130*		*04/10/2020 18:31*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 04:11	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 04:11	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 04:11	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 04:11	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 04:11	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 04:11	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 04:11	WG1459232
(S) Decachlorobiphenyl	*116*		*10.0-135*		*04/13/2020 04:11*	WG1459232
(S) Tetrachloro-m-xylene	*115*		*10.0-139*		*04/13/2020 04:11*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 08:01	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 08:01	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 08:01	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 08:01	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 08:01	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 08:01	WG1460444
(S) p-Terphenyl-d14	*69.2*		*23.0-120*		*04/15/2020 08:01*	WG1460444
(S) Nitrobenzene-d5	*58.9*		*14.0-149*		*04/15/2020 08:01*	WG1460444
(S) 2-Fluorobiphenyl	*56.9*		*34.0-125*		*04/15/2020 08:01*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:53	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	11.2		2.00	1	04/11/2020 10:36	WG1458849
Barium	98.6		0.500	1	04/11/2020 10:36	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:36	WG1458849
Chromium	18.1		1.00	1	04/11/2020 10:36	WG1458849
Lead	9.12		0.500	1	04/11/2020 10:36	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:36	WG1458849
Silver	ND		1.00	1	04/11/2020 10:36	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 18:50	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 18:50	WG1458811
Benzene	ND		0.0250	1	04/10/2020 18:50	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 18:50	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
Bromoform	ND		0.625	1	04/10/2020 18:50	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 18:50	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 18:50	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 18:50	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 18:50	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 18:50	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 18:50	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 18:50	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 18:50	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 18:50	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 18:50	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 18:50	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 18:50	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 18:50	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 18:50	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 18:50	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 18:50	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 18:50	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 18:50	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 18:50	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 18:50	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 18:50	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 18:50	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 18:50	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 18:50	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 18:50	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 18:50	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 18:50	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 18:50	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 18:50	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 18:50	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 18:50	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 18:50	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 18:50	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 18:50	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 18:50	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 18:50	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 18:50	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
Styrene	ND		0.313	1	04/10/2020 18:50	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 18:50	WG1458811
Toluene	ND		0.125	1	04/10/2020 18:50	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 18:50	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 18:50	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 18:50	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 18:50	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 18:50	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 18:50	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 18:50	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 18:50	WG1458811
(S) Toluene-d8	*104*		*75.0-131*		*04/10/2020 18:50*	WG1458811
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/10/2020 18:50*	WG1458811
(S) 1,2-Dichloroethane-d4	*96.8*		*70.0-130*		*04/10/2020 18:50*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/13/2020 04:23	WG1459232
PCB 1221	ND		0.0340	1	04/13/2020 04:23	WG1459232
PCB 1232	ND		0.0340	1	04/13/2020 04:23	WG1459232
PCB 1242	ND		0.0340	1	04/13/2020 04:23	WG1459232
PCB 1248	ND		0.0170	1	04/13/2020 04:23	WG1459232
PCB 1254	ND		0.0170	1	04/13/2020 04:23	WG1459232
PCB 1260	ND		0.0170	1	04/13/2020 04:23	WG1459232
(S) Decachlorobiphenyl	*112*		*10.0-135*		*04/13/2020 04:23*	WG1459232
(S) Tetrachloro-m-xylene	*110*		*10.0-139*		*04/13/2020 04:23*	WG1459232

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 08:22	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 08:22	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 08:22	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 08:22	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 08:22	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 08:22	WG1460444
(S) p-Terphenyl-d14	*73.2*		*23.0-120*		*04/15/2020 08:22*	WG1460444
(S) Nitrobenzene-d5	*57.7*		*14.0-149*		*04/15/2020 08:22*	WG1460444
(S) 2-Fluorobiphenyl	*57.6*		*34.0-125*		*04/15/2020 08:22*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:55	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	12.8		2.00	1	04/11/2020 10:39	WG1458849
Barium	79.1		0.500	1	04/11/2020 10:39	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:39	WG1458849
Chromium	11.0		1.00	1	04/11/2020 10:39	WG1458849
Lead	19.7		0.500	1	04/11/2020 10:39	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:39	WG1458849
Silver	ND		1.00	1	04/11/2020 10:39	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 19:09	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 19:09	WG1458811
Benzene	ND		0.0250	1	04/10/2020 19:09	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 19:09	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
Bromoform	ND		0.625	1	04/10/2020 19:09	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 19:09	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 19:09	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 19:09	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 19:09	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 19:09	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 19:09	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 19:09	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 19:09	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 19:09	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 19:09	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 19:09	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 19:09	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 19:09	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 19:09	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 19:09	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 19:09	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 19:09	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 19:09	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 19:09	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 19:09	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 19:09	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 19:09	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 19:09	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 19:09	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 19:09	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 19:09	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 19:09	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 19:09	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 19:09	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 19:09	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 19:09	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 19:09	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 19:09	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 19:09	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 19:09	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 19:09	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 19:09	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
Styrene	ND		0.313	1	04/10/2020 19:09	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 19:09	WG1458811
Toluene	ND		0.125	1	04/10/2020 19:09	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 19:09	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 19:09	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 19:09	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 19:09	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 19:09	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 19:09	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 19:09	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 19:09	WG1458811
(S) Toluene-d8	*104*		*75.0-131*		*04/10/2020 19:09*	WG1458811
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/10/2020 19:09*	WG1458811
(S) 1,2-Dichloroethane-d4	*94.9*		*70.0-130*		*04/10/2020 19:09*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 14:22	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 14:22	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 14:22	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 14:22	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 14:22	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 14:22	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 14:22	WG1459538
(S) Decachlorobiphenyl	*109*		*10.0-135*		*04/14/2020 14:22*	WG1459538
(S) Tetrachloro-m-xylene	*101*		*10.0-139*		*04/14/2020 14:22*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Acenaphthene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Acenaphthylene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Chrysene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Fluoranthene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Fluorene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Naphthalene	ND		0.0200	1	04/15/2020 23:54	WG1461078
Phenanthrene	ND		0.00600	1	04/15/2020 23:54	WG1461078
Pyrene	ND		0.00600	1	04/15/2020 23:54	WG1461078
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 23:54	WG1461078
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 23:54	WG1461078
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 23:54	WG1461078
(S) p-Terphenyl-d14	*48.9*		*23.0-120*		*04/15/2020 23:54*	WG1461078
(S) Nitrobenzene-d5	*56.5*		*14.0-149*		*04/15/2020 23:54*	WG1461078
(S) 2-Fluorobiphenyl	*65.3*		*34.0-125*		*04/15/2020 23:54*	WG1461078

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 20:58	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/11/2020 10:42	WG1458849
Barium	126		0.500	1	04/11/2020 10:42	WG1458849
Cadmium	ND		0.500	1	04/11/2020 10:42	WG1458849
Chromium	8.37		1.00	1	04/11/2020 10:42	WG1458849
Lead	11.1		0.500	1	04/11/2020 10:42	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:42	WG1458849
Silver	ND		1.00	1	04/11/2020 10:42	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 19:28	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 19:28	WG1458811
Benzene	ND		0.0250	1	04/10/2020 19:28	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 19:28	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
Bromoform	ND		0.625	1	04/10/2020 19:28	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 19:28	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 19:28	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 19:28	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 19:28	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 19:28	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 19:28	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 19:28	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 19:28	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 19:28	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 19:28	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 19:28	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 19:28	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 19:28	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 19:28	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 19:28	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 19:28	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 19:28	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 19:28	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 19:28	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 19:28	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 19:28	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 19:28	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 19:28	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 19:28	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 19:28	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 19:28	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 19:28	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 19:28	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 19:28	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 19:28	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 19:28	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 19:28	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 19:28	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 19:28	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 19:28	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 19:28	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 19:28	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
Styrene	ND		0.313	1	04/10/2020 19:28	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 19:28	WG1458811
Toluene	ND		0.125	1	04/10/2020 19:28	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 19:28	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 19:28	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 19:28	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 19:28	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 19:28	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 19:28	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 19:28	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 19:28	WG1458811
(S) Toluene-d8	*106*		*75.0-131*		*04/10/2020 19:28*	WG1458811
(S) 4-Bromofluorobenzene	*97.9*		*67.0-138*		*04/10/2020 19:28*	WG1458811
(S) 1,2-Dichloroethane-d4	*92.4*		*70.0-130*		*04/10/2020 19:28*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 14:36	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 14:36	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 14:36	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 14:36	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 14:36	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 14:36	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 14:36	WG1459538
(S) Decachlorobiphenyl	*150*	S4	*10.0-135*		*04/14/2020 14:36*	WG1459538
(S) Tetrachloro-m-xylene	*125*		*10.0-139*		*04/14/2020 14:36*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 09:04	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 09:04	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 09:04	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 09:04	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 09:04	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 09:04	WG1460444
(S) p-Terphenyl-d14	*55.4*		*23.0-120*		*04/15/2020 09:04*	WG1460444
(S) Nitrobenzene-d5	*46.1*		*14.0-149*		*04/15/2020 09:04*	WG1460444
(S) 2-Fluorobiphenyl	*44.6*		*34.0-125*		*04/15/2020 09:04*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0448		0.0400	1	04/12/2020 21:00	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.24		2.00	1	04/11/2020 10:45	WG1458849
Barium	114		0.500	1	04/11/2020 10:45	WG1458849
Cadmium	0.703		0.500	1	04/11/2020 10:45	WG1458849
Chromium	11.7		1.00	1	04/11/2020 10:45	WG1458849
Lead	122		0.500	1	04/11/2020 10:45	WG1458849
Selenium	ND		2.00	1	04/11/2020 10:45	WG1458849
Silver	ND		1.00	1	04/11/2020 10:45	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.737	1.18	04/10/2020 19:47	WG1458811
Acrylonitrile	ND		0.369	1.18	04/10/2020 19:47	WG1458811
Benzene	ND		0.0295	1.18	04/10/2020 19:47	WG1458811
Bromobenzene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
Bromodichloromethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Bromoform	ND		0.737	1.18	04/10/2020 19:47	WG1458811
Bromomethane	ND		0.369	1.18	04/10/2020 19:47	WG1458811
1,3-Butadiene	ND		0.737	1.18	04/10/2020 19:47	WG1458811
n-Butylbenzene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
sec-Butylbenzene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
tert-Butylbenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Carbon disulfide	ND		0.369	1.18	04/10/2020 19:47	WG1458811
Carbon tetrachloride	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Chlorobenzene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Chlorodibromomethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Chloroethane	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Chloroform	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Chloromethane	ND		0.369	1.18	04/10/2020 19:47	WG1458811
2-Chlorotoluene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
4-Chlorotoluene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Cyclohexane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.737	1.18	04/10/2020 19:47	WG1458811
1,2-Dibromoethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Dibromomethane	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,2-Dichlorobenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,3-Dichlorobenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,4-Dichlorobenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Dichlorodifluoromethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,1-Dichloroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,2-Dichloroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,1-Dichloroethene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
cis-1,2-Dichloroethene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
trans-1,2-Dichloroethene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,2-Dichloropropane	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,1-Dichloropropene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,3-Dichloropropane	ND		0.147	1.18	04/10/2020 19:47	WG1458811
cis-1,3-Dichloropropene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
trans-1,3-Dichloropropene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
2,2-Dichloropropane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
Di-isopropyl ether	ND		0.0295	1.18	04/10/2020 19:47	WG1458811
Ethylbenzene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
4-Ethyltoluene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Hexachloro-1,3-butadiene	ND		0.737	1.18	04/10/2020 19:47	WG1458811
n-Hexane	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Isopropylbenzene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
p-Isopropyltoluene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
2-Butanone (MEK)	ND		0.737	1.18	04/10/2020 19:47	WG1458811
Methylene Chloride	ND		0.737	1.18	04/10/2020 19:47	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.737	1.18	04/10/2020 19:47	WG1458811
Methyl tert-butyl ether	ND		0.0295	1.18	04/10/2020 19:47	WG1458811
Methyl Cyclohexane	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Naphthalene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
Propene	ND	L1	1.47	1.18	04/10/2020 19:47	WG1458811
n-Propylbenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Styrene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Tetrachloroethene	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Toluene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,2,3-Trichlorobenzene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
1,2,4-Trichlorobenzene	ND		0.369	1.18	04/10/2020 19:47	WG1458811
1,1,1-Trichloroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,1,2-Trichloroethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Trichloroethene	ND		0.0295	1.18	04/10/2020 19:47	WG1458811
Trichlorofluoromethane	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
1,2,3-Trichloropropane	ND		0.369	1.18	04/10/2020 19:47	WG1458811
1,2,4-Trimethylbenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,2,3-Trimethylbenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
1,3,5-Trimethylbenzene	ND		0.147	1.18	04/10/2020 19:47	WG1458811
Vinyl chloride	ND		0.0737	1.18	04/10/2020 19:47	WG1458811
Xylenes, Total	ND		0.192	1.18	04/10/2020 19:47	WG1458811
(S) Toluene-d8	*108*		*75.0-131*		*04/10/2020 19:47*	WG1458811
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/10/2020 19:47*	WG1458811
(S) 1,2-Dichloroethane-d4	*92.7*		*70.0-130*		*04/10/2020 19:47*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 14:49	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 14:49	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 14:49	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 14:49	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 14:49	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 14:49	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 14:49	WG1459538
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/14/2020 14:49*	WG1459538
(S) Tetrachloro-m-xylene	*107*		*10.0-139*		*04/14/2020 14:49*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 11:29	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 11:29	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 11:29	WG1460444
Benzo(a)anthracene	0.0160		0.00600	1	04/15/2020 11:29	WG1460444
Benzo(a)pyrene	0.0178		0.00600	1	04/15/2020 11:29	WG1460444
Benzo(b)fluoranthene	0.0349		0.00600	1	04/15/2020 11:29	WG1460444
Benzo(g,h,i)perylene	0.0240		0.00600	1	04/15/2020 11:29	WG1460444
Benzo(k)fluoranthene	0.00935		0.00600	1	04/15/2020 11:29	WG1460444
Chrysene	0.0250		0.00600	1	04/15/2020 11:29	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 11:29	WG1460444
Fluoranthene	0.0417		0.00600	1	04/15/2020 11:29	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 11:29	WG1460444
Indeno(1,2,3-cd)pyrene	0.0158		0.00600	1	04/15/2020 11:29	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 11:29	WG1460444
Phenanthrene	0.0117		0.00600	1	04/15/2020 11:29	WG1460444
Pyrene	0.0345		0.00600	1	04/15/2020 11:29	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 11:29	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 11:29	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 11:29	WG1460444
(S) p-Terphenyl-d14	*74.2*		*23.0-120*		*04/15/2020 11:29*	WG1460444
(S) Nitrobenzene-d5	*64.0*		*14.0-149*		*04/15/2020 11:29*	WG1460444
(S) 2-Fluorobiphenyl	*60.8*		*34.0-125*		*04/15/2020 11:29*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:08	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.68		2.00	1	04/11/2020 11:27	WG1458568
Barium	116		0.500	1	04/11/2020 11:27	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:27	WG1458568
Chromium	11.5		1.00	1	04/11/2020 11:27	WG1458568
Lead	28.5		0.500	1	04/11/2020 11:27	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:27	WG1458568
Silver	ND		1.00	1	04/11/2020 11:27	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 20:06	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 20:06	WG1458811
Benzene	ND		0.0250	1	04/10/2020 20:06	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 20:06	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
Bromoform	ND		0.625	1	04/10/2020 20:06	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 20:06	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 20:06	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 20:06	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 20:06	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 20:06	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 20:06	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 20:06	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 20:06	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 20:06	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 20:06	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 20:06	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 20:06	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 20:06	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 20:06	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 20:06	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 20:06	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 20:06	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 20:06	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 20:06	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 20:06	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 20:06	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 20:06	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 20:06	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 20:06	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 20:06	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 20:06	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 20:06	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 20:06	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 20:06	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 20:06	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 20:06	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 20:06	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 20:06	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 20:06	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 20:06	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 20:06	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 20:06	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
Styrene	ND		0.313	1	04/10/2020 20:06	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 20:06	WG1458811
Toluene	ND		0.125	1	04/10/2020 20:06	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 20:06	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 20:06	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 20:06	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 20:06	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 20:06	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 20:06	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 20:06	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 20:06	WG1458811
(S) Toluene-d8	*105*		*75.0-131*		*04/10/2020 20:06*	WG1458811
(S) 4-Bromofluorobenzene	*99.3*		*67.0-138*		*04/10/2020 20:06*	WG1458811
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*04/10/2020 20:06*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 15:03	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 15:03	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 15:03	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 15:03	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 15:03	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 15:03	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 15:03	WG1459538
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/14/2020 15:03*	WG1459538
(S) Tetrachloro-m-xylene	*112*		*10.0-139*		*04/14/2020 15:03*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 09:24	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 09:24	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 09:24	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 09:24	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 09:24	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 09:24	WG1460444
(S) p-Terphenyl-d14	*72.3*		*23.0-120*		*04/15/2020 09:24*	WG1460444
(S) Nitrobenzene-d5	*65.0*		*14.0-149*		*04/15/2020 09:24*	WG1460444
(S) 2-Fluorobiphenyl	*60.7*		*34.0-125*		*04/15/2020 09:24*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:10	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.24		2.00	1	04/11/2020 09:55	WG1458849
Barium	125		0.500	1	04/11/2020 09:55	WG1458849
Cadmium	ND		0.500	1	04/11/2020 09:55	WG1458849
Chromium	13.1		1.00	1	04/11/2020 09:55	WG1458849
Lead	24.0		0.500	1	04/11/2020 09:55	WG1458849
Selenium	ND		2.00	1	04/11/2020 09:55	WG1458849
Silver	ND		1.00	1	04/11/2020 09:55	WG1458849

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		0.625	1	04/10/2020 20:25	WG1458811
Acrylonitrile	ND		0.313	1	04/10/2020 20:25	WG1458811
Benzene	ND		0.0250	1	04/10/2020 20:25	WG1458811
Bromobenzene	ND		0.313	1	04/10/2020 20:25	WG1458811
Bromodichloromethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
Bromoform	ND		0.625	1	04/10/2020 20:25	WG1458811
Bromomethane	ND		0.313	1	04/10/2020 20:25	WG1458811
1,3-Butadiene	ND		0.625	1	04/10/2020 20:25	WG1458811
n-Butylbenzene	ND		0.313	1	04/10/2020 20:25	WG1458811
sec-Butylbenzene	ND		0.313	1	04/10/2020 20:25	WG1458811
tert-Butylbenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
Carbon disulfide	ND		0.313	1	04/10/2020 20:25	WG1458811
Carbon tetrachloride	ND		0.125	1	04/10/2020 20:25	WG1458811
Chlorobenzene	ND		0.0625	1	04/10/2020 20:25	WG1458811
Chlorodibromomethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
Chloroethane	ND		0.125	1	04/10/2020 20:25	WG1458811
Chloroform	ND		0.0625	1	04/10/2020 20:25	WG1458811
Chloromethane	ND		0.313	1	04/10/2020 20:25	WG1458811
2-Chlorotoluene	ND		0.0625	1	04/10/2020 20:25	WG1458811
4-Chlorotoluene	ND		0.125	1	04/10/2020 20:25	WG1458811
Cyclohexane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 20:25	WG1458811
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
Dibromomethane	ND		0.125	1	04/10/2020 20:25	WG1458811
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 20:25	WG1458811
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 20:25	WG1458811
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 20:25	WG1458811
1,2-Dichloropropane	ND		0.125	1	04/10/2020 20:25	WG1458811
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,3-Dichloropropane	ND		0.125	1	04/10/2020 20:25	WG1458811
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 20:25	WG1458811
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 20:25	WG1458811
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 20:25	WG1458811

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 20:25	WG1458811
Di-isopropyl ether	ND		0.0250	1	04/10/2020 20:25	WG1458811
Ethylbenzene	ND		0.0625	1	04/10/2020 20:25	WG1458811
4-Ethyltoluene	ND		0.125	1	04/10/2020 20:25	WG1458811
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 20:25	WG1458811
n-Hexane	ND		0.125	1	04/10/2020 20:25	WG1458811
Isopropylbenzene	ND		0.0625	1	04/10/2020 20:25	WG1458811
p-Isopropyltoluene	ND		0.125	1	04/10/2020 20:25	WG1458811
2-Butanone (MEK)	ND		0.625	1	04/10/2020 20:25	WG1458811
Methylene Chloride	ND		0.625	1	04/10/2020 20:25	WG1458811
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 20:25	WG1458811
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 20:25	WG1458811
Methyl Cyclohexane	ND		0.125	1	04/10/2020 20:25	WG1458811
Naphthalene	ND		0.313	1	04/10/2020 20:25	WG1458811
Propene	ND	L1	1.25	1	04/10/2020 20:25	WG1458811
n-Propylbenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
Styrene	ND		0.313	1	04/10/2020 20:25	WG1458811
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
Tetrachloroethene	ND		0.0625	1	04/10/2020 20:25	WG1458811
Toluene	ND		0.125	1	04/10/2020 20:25	WG1458811
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 20:25	WG1458811
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 20:25	WG1458811
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
Trichloroethene	ND		0.0250	1	04/10/2020 20:25	WG1458811
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 20:25	WG1458811
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 20:25	WG1458811
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 20:25	WG1458811
Vinyl chloride	ND		0.0625	1	04/10/2020 20:25	WG1458811
Xylenes, Total	ND		0.163	1	04/10/2020 20:25	WG1458811
(S) Toluene-d8	*105*		*75.0-131*		*04/10/2020 20:25*	WG1458811
(S) 4-Bromofluorobenzene	*98.7*		*67.0-138*		*04/10/2020 20:25*	WG1458811
(S) 1,2-Dichloroethane-d4	*89.4*		*70.0-130*		*04/10/2020 20:25*	WG1458811

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 15:17	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 15:17	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 15:17	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 15:17	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 15:17	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 15:17	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 15:17	WG1459538
(S) Decachlorobiphenyl	*131*		*10.0-135*		*04/14/2020 15:17*	WG1459538
(S) Tetrachloro-m-xylene	*122*		*10.0-139*		*04/14/2020 15:17*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 09:45	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 09:45	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 09:45	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 09:45	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 09:45	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 09:45	WG1460444
(S) p-Terphenyl-d14	*56.3*		*23.0-120*		*04/15/2020 09:45*	WG1460444
(S) Nitrobenzene-d5	*52.4*		*14.0-149*		*04/15/2020 09:45*	WG1460444
(S) 2-Fluorobiphenyl	*48.8*		*34.0-125*		*04/15/2020 09:45*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:13	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.71		2.00	1	04/11/2020 11:30	WG1458568
Barium	167		0.500	1	04/11/2020 11:30	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:30	WG1458568
Chromium	14.6		1.00	1	04/11/2020 11:30	WG1458568
Lead	19.9		0.500	1	04/11/2020 11:30	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:30	WG1458568
Silver	ND		1.00	1	04/11/2020 11:30	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 00:18	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 00:18	WG1458899
Benzene	ND		0.0250	1	04/11/2020 00:18	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 00:18	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
Bromoform	ND		0.625	1	04/11/2020 00:18	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 00:18	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 00:18	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 00:18	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 00:18	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 00:18	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 00:18	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 00:18	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 00:18	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 00:18	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 00:18	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 00:18	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 00:18	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 00:18	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 00:18	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 00:18	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 00:18	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 00:18	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 00:18	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 00:18	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 00:18	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 00:18	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 00:18	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 00:18	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 00:18	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 00:18	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 00:18	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 00:18	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 00:18	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 00:18	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 00:18	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 00:18	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 00:18	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 00:18	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 00:18	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 00:18	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 00:18	WG1458899
Propene	ND		1.25	1	04/11/2020 00:18	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
Styrene	ND		0.313	1	04/11/2020 00:18	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 00:18	WG1458899
Toluene	ND		0.125	1	04/11/2020 00:18	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 00:18	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 00:18	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 00:18	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 00:18	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 00:18	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 00:18	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 00:18	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 00:18	WG1458899
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 00:18*	WG1458899
(S) 4-Bromofluorobenzene	*99.8*		*67.0-138*		*04/11/2020 00:18*	WG1458899
(S) 1,2-Dichloroethane-d4	*89.0*		*70.0-130*		*04/11/2020 00:18*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 15:31	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 15:31	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 15:31	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 15:31	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 15:31	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 15:31	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 15:31	WG1459538
(S) Decachlorobiphenyl	*101*		*10.0-135*		*04/14/2020 15:31*	WG1459538
(S) Tetrachloro-m-xylene	*91.3*		*10.0-139*		*04/14/2020 15:31*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 10:06	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 10:06	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 10:06	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 10:06	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 10:06	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 10:06	WG1460444
(S) p-Terphenyl-d14	*48.9*		*23.0-120*		*04/15/2020 10:06*	WG1460444
(S) Nitrobenzene-d5	*43.5*		*14.0-149*		*04/15/2020 10:06*	WG1460444
(S) 2-Fluorobiphenyl	*42.4*		*34.0-125*		*04/15/2020 10:06*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:16	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.86		2.00	1	04/11/2020 11:32	WG1458568
Barium	81.2		0.500	1	04/11/2020 11:32	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:32	WG1458568
Chromium	7.99		1.00	1	04/11/2020 11:32	WG1458568
Lead	9.34		0.500	1	04/11/2020 11:32	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:32	WG1458568
Silver	ND		1.00	1	04/11/2020 11:32	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 00:37	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 00:37	WG1458899
Benzene	ND		0.0250	1	04/11/2020 00:37	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 00:37	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
Bromoform	ND		0.625	1	04/11/2020 00:37	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 00:37	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 00:37	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 00:37	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 00:37	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 00:37	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 00:37	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 00:37	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 00:37	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 00:37	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 00:37	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 00:37	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 00:37	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 00:37	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 00:37	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 00:37	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 00:37	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 00:37	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 00:37	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 00:37	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 00:37	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 00:37	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 00:37	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 00:37	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 00:37	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 00:37	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 00:37	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 00:37	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 00:37	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 00:37	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 00:37	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 00:37	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 00:37	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 00:37	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 00:37	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 00:37	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 00:37	WG1458899
Propene	ND		1.25	1	04/11/2020 00:37	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
Styrene	ND		0.313	1	04/11/2020 00:37	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 00:37	WG1458899
Toluene	ND		0.125	1	04/11/2020 00:37	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 00:37	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 00:37	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 00:37	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 00:37	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 00:37	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 00:37	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 00:37	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 00:37	WG1458899
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 00:37*	WG1458899
(S) 4-Bromofluorobenzene	*96.1*		*67.0-138*		*04/11/2020 00:37*	WG1458899
(S) 1,2-Dichloroethane-d4	*89.1*		*70.0-130*		*04/11/2020 00:37*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 15:44	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 15:44	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 15:44	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 15:44	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 15:44	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 15:44	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 15:44	WG1459538
(S) Decachlorobiphenyl	*138*	S4	*10.0-135*		*04/14/2020 15:44*	WG1459538
(S) Tetrachloro-m-xylene	*118*		*10.0-139*		*04/14/2020 15:44*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Acenaphthene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Acenaphthylene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Chrysene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Fluoranthene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Fluorene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Naphthalene	ND		0.0200	1	04/15/2020 10:27	WG1460444
Phenanthrene	ND		0.00600	1	04/15/2020 10:27	WG1460444
Pyrene	ND		0.00600	1	04/15/2020 10:27	WG1460444
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 10:27	WG1460444
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 10:27	WG1460444
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 10:27	WG1460444
(S) p-Terphenyl-d14	*73.1*		*23.0-120*		*04/15/2020 10:27*	WG1460444
(S) Nitrobenzene-d5	*57.4*		*14.0-149*		*04/15/2020 10:27*	WG1460444
(S) 2-Fluorobiphenyl	*58.6*		*34.0-125*		*04/15/2020 10:27*	WG1460444

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:18	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.65		2.00	1	04/11/2020 11:35	WG1458568
Barium	172		0.500	1	04/11/2020 11:35	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:35	WG1458568
Chromium	2.17		1.00	1	04/11/2020 11:35	WG1458568
Lead	5.90		0.500	1	04/11/2020 11:35	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:35	WG1458568
Silver	ND		1.00	1	04/11/2020 11:35	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.33	1.06	04/11/2020 00:56	WG1458899
Acrylonitrile	ND		0.331	1.06	04/11/2020 00:56	WG1458899
Benzene	ND		0.0265	1.06	04/11/2020 00:56	WG1458899
Bromobenzene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
Bromodichloromethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Bromoform	ND		0.663	1.06	04/11/2020 00:56	WG1458899
Bromomethane	ND		0.331	1.06	04/11/2020 00:56	WG1458899
1,3-Butadiene	ND		0.663	1.06	04/11/2020 00:56	WG1458899
n-Butylbenzene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
sec-Butylbenzene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
tert-Butylbenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Carbon disulfide	ND		0.331	1.06	04/11/2020 00:56	WG1458899
Carbon tetrachloride	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Chlorobenzene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Chlorodibromomethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Chloroethane	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Chloroform	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Chloromethane	ND		0.331	1.06	04/11/2020 00:56	WG1458899
2-Chlorotoluene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
4-Chlorotoluene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Cyclohexane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.663	1.06	04/11/2020 00:56	WG1458899
1,2-Dibromoethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Dibromomethane	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,2-Dichlorobenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,3-Dichlorobenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,4-Dichlorobenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Dichlorodifluoromethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,1-Dichloroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,2-Dichloroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,1-Dichloroethene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
cis-1,2-Dichloroethene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
trans-1,2-Dichloroethene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,2-Dichloropropane	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,1-Dichloropropene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,3-Dichloropropane	ND		0.133	1.06	04/11/2020 00:56	WG1458899
cis-1,3-Dichloropropene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
trans-1,3-Dichloropropene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
2,2-Dichloropropane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
Di-isopropyl ether	ND		0.0265	1.06	04/11/2020 00:56	WG1458899
Ethylbenzene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
4-Ethyltoluene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Hexachloro-1,3-butadiene	ND		0.663	1.06	04/11/2020 00:56	WG1458899
n-Hexane	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Isopropylbenzene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
p-Isopropyltoluene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
2-Butanone (MEK)	ND		2.65	1.06	04/11/2020 00:56	WG1458899
Methylene Chloride	ND		0.663	1.06	04/11/2020 00:56	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.663	1.06	04/11/2020 00:56	WG1458899
Methyl tert-butyl ether	ND		0.0265	1.06	04/11/2020 00:56	WG1458899
Methyl Cyclohexane	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Naphthalene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
Propene	ND		1.33	1.06	04/11/2020 00:56	WG1458899
n-Propylbenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Styrene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Tetrachloroethene	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Toluene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,2,3-Trichlorobenzene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
1,2,4-Trichlorobenzene	ND		0.331	1.06	04/11/2020 00:56	WG1458899
1,1,1-Trichloroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,1,2-Trichloroethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Trichloroethene	ND		0.0265	1.06	04/11/2020 00:56	WG1458899
Trichlorofluoromethane	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
1,2,3-Trichloropropane	ND		0.331	1.06	04/11/2020 00:56	WG1458899
1,2,4-Trimethylbenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,2,3-Trimethylbenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
1,3,5-Trimethylbenzene	ND		0.133	1.06	04/11/2020 00:56	WG1458899
Vinyl chloride	ND		0.0663	1.06	04/11/2020 00:56	WG1458899
Xylenes, Total	ND		0.172	1.06	04/11/2020 00:56	WG1458899
(S) Toluene-d8	*107*		*75.0-131*		*04/11/2020 00:56*	WG1458899
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/11/2020 00:56*	WG1458899
(S) 1,2-Dichloroethane-d4	*93.5*		*70.0-130*		*04/11/2020 00:56*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 15:58	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 15:58	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 15:58	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 15:58	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 15:58	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 15:58	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 15:58	WG1459538
(S) Decachlorobiphenyl	*129*		*10.0-135*		*04/14/2020 15:58*	WG1459538
(S) Tetrachloro-m-xylene	*109*		*10.0-139*		*04/14/2020 15:58*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 00:49	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 00:49	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 00:49	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 00:49	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 00:49	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 00:49	WG1460445
(S) p-Terphenyl-d14	*82.3*		*23.0-120*		*04/15/2020 00:49*	WG1460445
(S) Nitrobenzene-d5	*63.7*		*14.0-149*		*04/15/2020 00:49*	WG1460445
(S) 2-Fluorobiphenyl	*91.5*		*34.0-125*		*04/15/2020 00:49*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:21	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	12.5		2.00	1	04/11/2020 11:38	WG1458568
Barium	83.3		0.500	1	04/11/2020 11:38	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:38	WG1458568
Chromium	11.8		1.00	1	04/11/2020 11:38	WG1458568
Lead	21.4		0.500	1	04/11/2020 11:38	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:38	WG1458568
Silver	ND		1.00	1	04/11/2020 11:38	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 01:15	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 01:15	WG1458899
Benzene	ND		0.0250	1	04/11/2020 01:15	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 01:15	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
Bromoform	ND		0.625	1	04/11/2020 01:15	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 01:15	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 01:15	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 01:15	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 01:15	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 01:15	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 01:15	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 01:15	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 01:15	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 01:15	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 01:15	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 01:15	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 01:15	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 01:15	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 01:15	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 01:15	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 01:15	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 01:15	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 01:15	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 01:15	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 01:15	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 01:15	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 01:15	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 01:15	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 01:15	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 01:15	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 01:15	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 01:15	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 01:15	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 01:15	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 01:15	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 01:15	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 01:15	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 01:15	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 01:15	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 01:15	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 01:15	WG1458899
Propene	ND		1.25	1	04/11/2020 01:15	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
Styrene	ND		0.313	1	04/11/2020 01:15	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 01:15	WG1458899
Toluene	ND		0.125	1	04/11/2020 01:15	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 01:15	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 01:15	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 01:15	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 01:15	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 01:15	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 01:15	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 01:15	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 01:15	WG1458899
(S) Toluene-d8	*103*		*75.0-131*		*04/11/2020 01:15*	WG1458899
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/11/2020 01:15*	WG1458899
(S) 1,2-Dichloroethane-d4	*97.4*		*70.0-130*		*04/11/2020 01:15*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 16:12	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 16:12	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 16:12	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 16:12	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 16:12	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 16:12	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 16:12	WG1459538
(S) Decachlorobiphenyl	*101*		*10.0-135*		*04/14/2020 16:12*	WG1459538
(S) Tetrachloro-m-xylene	*92.8*		*10.0-139*		*04/14/2020 16:12*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 01:12	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 01:12	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 01:12	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 01:12	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 01:12	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 01:12	WG1460445
(S) p-Terphenyl-d14	*66.1*		*23.0-120*		*04/15/2020 01:12*	WG1460445
(S) Nitrobenzene-d5	*59.0*		*14.0-149*		*04/15/2020 01:12*	WG1460445
(S) 2-Fluorobiphenyl	*75.4*		*34.0-125*		*04/15/2020 01:12*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:23	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	11.1		2.00	1	04/11/2020 11:40	WG1458568
Barium	73.2		0.500	1	04/11/2020 11:40	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:40	WG1458568
Chromium	10.1		1.00	1	04/11/2020 11:40	WG1458568
Lead	20.1		0.500	1	04/11/2020 11:40	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:40	WG1458568
Silver	ND		1.00	1	04/11/2020 11:40	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 01:34	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 01:34	WG1458899
Benzene	ND		0.0250	1	04/11/2020 01:34	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 01:34	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
Bromoform	ND		0.625	1	04/11/2020 01:34	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 01:34	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 01:34	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 01:34	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 01:34	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 01:34	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 01:34	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 01:34	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 01:34	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 01:34	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 01:34	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 01:34	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 01:34	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 01:34	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 01:34	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 01:34	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 01:34	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 01:34	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 01:34	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 01:34	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 01:34	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 01:34	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 01:34	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 01:34	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 01:34	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 01:34	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 01:34	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 01:34	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 01:34	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 01:34	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 01:34	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 01:34	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 01:34	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 01:34	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 01:34	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 01:34	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 01:34	WG1458899
Propene	ND		1.25	1	04/11/2020 01:34	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
Styrene	ND		0.313	1	04/11/2020 01:34	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 01:34	WG1458899
Toluene	ND		0.125	1	04/11/2020 01:34	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 01:34	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 01:34	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 01:34	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 01:34	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 01:34	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 01:34	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 01:34	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 01:34	WG1458899
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 01:34*	WG1458899
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/11/2020 01:34*	WG1458899
(S) 1,2-Dichloroethane-d4	*92.1*		*70.0-130*		*04/11/2020 01:34*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 16:26	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 16:26	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 16:26	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 16:26	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 16:26	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 16:26	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 16:26	WG1459538
(S) Decachlorobiphenyl	*135*		*10.0-135*		*04/14/2020 16:26*	WG1459538
(S) Tetrachloro-m-xylene	*111*		*10.0-139*		*04/14/2020 16:26*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 01:35	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 01:35	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 01:35	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 01:35	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 01:35	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 01:35	WG1460445
(S) p-Terphenyl-d14	*57.8*		*23.0-120*		*04/15/2020 01:35*	WG1460445
(S) Nitrobenzene-d5	*63.2*		*14.0-149*		*04/15/2020 01:35*	WG1460445
(S) 2-Fluorobiphenyl	*66.0*		*34.0-125*		*04/15/2020 01:35*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:26	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.41		2.00	1	04/11/2020 11:43	WG1458568
Barium	169		0.500	1	04/11/2020 11:43	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:43	WG1458568
Chromium	9.67		1.00	1	04/11/2020 11:43	WG1458568
Lead	18.3		0.500	1	04/11/2020 11:43	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:43	WG1458568
Silver	ND		1.00	1	04/11/2020 11:43	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 01:54	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 01:54	WG1458899
Benzene	ND		0.0250	1	04/11/2020 01:54	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 01:54	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
Bromoform	ND		0.625	1	04/11/2020 01:54	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 01:54	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 01:54	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 01:54	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 01:54	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 01:54	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 01:54	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 01:54	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 01:54	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 01:54	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 01:54	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 01:54	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 01:54	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 01:54	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 01:54	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 01:54	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 01:54	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 01:54	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 01:54	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 01:54	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 01:54	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 01:54	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 01:54	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 01:54	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 01:54	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 01:54	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 01:54	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 01:54	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 01:54	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 01:54	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 01:54	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 01:54	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 01:54	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 01:54	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 01:54	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 01:54	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 01:54	WG1458899
Propene	ND		1.25	1	04/11/2020 01:54	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
Styrene	ND		0.313	1	04/11/2020 01:54	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 01:54	WG1458899
Toluene	ND		0.125	1	04/11/2020 01:54	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 01:54	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 01:54	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 01:54	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 01:54	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 01:54	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 01:54	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 01:54	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 01:54	WG1458899
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 01:54*	WG1458899
(S) 4-Bromofluorobenzene	*97.5*		*67.0-138*		*04/11/2020 01:54*	WG1458899
(S) 1,2-Dichloroethane-d4	*87.3*		*70.0-130*		*04/11/2020 01:54*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 16:39	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 16:39	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 16:39	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 16:39	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 16:39	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 16:39	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 16:39	WG1459538
(S) Decachlorobiphenyl	*126*		*10.0-135*		*04/14/2020 16:39*	WG1459538
(S) Tetrachloro-m-xylene	*102*		*10.0-139*		*04/14/2020 16:39*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 01:58	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 01:58	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 01:58	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 01:58	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 01:58	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 01:58	WG1460445
(S) p-Terphenyl-d14	*67.4*		*23.0-120*		*04/15/2020 01:58*	WG1460445
(S) Nitrobenzene-d5	*55.5*		*14.0-149*		*04/15/2020 01:58*	WG1460445
(S) 2-Fluorobiphenyl	*77.5*		*34.0-125*		*04/15/2020 01:58*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0685		0.0400	1	04/12/2020 21:29	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.95		2.00	1	04/11/2020 11:51	WG1458568
Barium	108		0.500	1	04/11/2020 11:51	WG1458568
Cadmium	1.80		0.500	1	04/11/2020 11:51	WG1458568
Chromium	11.9		1.00	1	04/11/2020 11:51	WG1458568
Lead	81.5		0.500	1	04/11/2020 11:51	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:51	WG1458568
Silver	ND		1.00	1	04/11/2020 11:51	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 02:13	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 02:13	WG1458899
Benzene	ND		0.0250	1	04/11/2020 02:13	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 02:13	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
Bromoform	ND		0.625	1	04/11/2020 02:13	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 02:13	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 02:13	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 02:13	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 02:13	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 02:13	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 02:13	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 02:13	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 02:13	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 02:13	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 02:13	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 02:13	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 02:13	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 02:13	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 02:13	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 02:13	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 02:13	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 02:13	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 02:13	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 02:13	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 02:13	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 02:13	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 02:13	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 02:13	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 02:13	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 02:13	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 02:13	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 02:13	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 02:13	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 02:13	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 02:13	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 02:13	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 02:13	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 02:13	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 02:13	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 02:13	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 02:13	WG1458899
Propene	ND		1.25	1	04/11/2020 02:13	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
Styrene	ND		0.313	1	04/11/2020 02:13	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 02:13	WG1458899
Toluene	ND		0.125	1	04/11/2020 02:13	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 02:13	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 02:13	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 02:13	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 02:13	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 02:13	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 02:13	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 02:13	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 02:13	WG1458899
(S) Toluene-d8	*103*		*75.0-131*		*04/11/2020 02:13*	WG1458899
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/11/2020 02:13*	WG1458899
(S) 1,2-Dichloroethane-d4	*94.5*		*70.0-130*		*04/11/2020 02:13*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 16:53	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 16:53	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 16:53	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 16:53	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 16:53	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 16:53	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 16:53	WG1459538
(S) Decachlorobiphenyl	*116*		*10.0-135*		*04/14/2020 16:53*	WG1459538
(S) Tetrachloro-m-xylene	*97.7*		*10.0-139*		*04/14/2020 16:53*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Benzo(a)anthracene	0.00702		0.00600	1	04/15/2020 02:21	WG1460445
Benzo(a)pyrene	0.00824		0.00600	1	04/15/2020 02:21	WG1460445
Benzo(b)fluoranthene	0.0135		0.00600	1	04/15/2020 02:21	WG1460445
Benzo(g,h,i)perylene	0.00955		0.00600	1	04/15/2020 02:21	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Chrysene	0.0109		0.00600	1	04/15/2020 02:21	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Fluoranthene	0.0201		0.00600	1	04/15/2020 02:21	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Indeno(1,2,3-cd)pyrene	0.00736		0.00600	1	04/15/2020 02:21	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 02:21	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 02:21	WG1460445
Pyrene	0.0117		0.00600	1	04/15/2020 02:21	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 02:21	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 02:21	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 02:21	WG1460445
(S) p-Terphenyl-d14	*70.1*		*23.0-120*		*04/15/2020 02:21*	WG1460445
(S) Nitrobenzene-d5	*56.4*		*14.0-149*		*04/15/2020 02:21*	WG1460445
(S) 2-Fluorobiphenyl	*80.1*		*34.0-125*		*04/15/2020 02:21*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 21:31	WG1458676

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.77		2.00	1	04/11/2020 11:53	WG1458568
Barium	105		0.500	1	04/11/2020 11:53	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:53	WG1458568
Chromium	9.34		1.00	1	04/11/2020 11:53	WG1458568
Lead	21.2		0.500	1	04/11/2020 11:53	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:53	WG1458568
Silver	ND		1.00	1	04/11/2020 11:53	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 02:32	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 02:32	WG1458899
Benzene	ND		0.0250	1	04/11/2020 02:32	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 02:32	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
Bromoform	ND		0.625	1	04/11/2020 02:32	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 02:32	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 02:32	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 02:32	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 02:32	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 02:32	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 02:32	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 02:32	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 02:32	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 02:32	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 02:32	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 02:32	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 02:32	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 02:32	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 02:32	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 02:32	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 02:32	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 02:32	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 02:32	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 02:32	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 02:32	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 02:32	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 02:32	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 02:32	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 02:32	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 02:32	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 02:32	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 02:32	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 02:32	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 02:32	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 02:32	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 02:32	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 02:32	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 02:32	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 02:32	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 02:32	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 02:32	WG1458899
Propene	ND		1.25	1	04/11/2020 02:32	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
Styrene	ND		0.313	1	04/11/2020 02:32	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 02:32	WG1458899
Toluene	ND		0.125	1	04/11/2020 02:32	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 02:32	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 02:32	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 02:32	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 02:32	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 02:32	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 02:32	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 02:32	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 02:32	WG1458899
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 02:32*	WG1458899
(S) 4-Bromofluorobenzene	*97.6*		*67.0-138*		*04/11/2020 02:32*	WG1458899
(S) 1,2-Dichloroethane-d4	*93.4*		*70.0-130*		*04/11/2020 02:32*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 17:07	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 17:07	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 17:07	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 17:07	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 17:07	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 17:07	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 17:07	WG1459538
(S) Decachlorobiphenyl	*154*	S4	*10.0-135*		*04/14/2020 17:07*	WG1459538
(S) Tetrachloro-m-xylene	*125*		*10.0-139*		*04/14/2020 17:07*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 02:44	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 02:44	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 02:44	WG1460445
Benzo(a)anthracene	0.0169		0.00600	1	04/15/2020 02:44	WG1460445
Benzo(a)pyrene	0.0196		0.00600	1	04/15/2020 02:44	WG1460445
Benzo(b)fluoranthene	0.0306		0.00600	1	04/15/2020 02:44	WG1460445
Benzo(g,h,i)perylene	0.0186		0.00600	1	04/15/2020 02:44	WG1460445
Benzo(k)fluoranthene	0.00822		0.00600	1	04/15/2020 02:44	WG1460445
Chrysene	0.0207		0.00600	1	04/15/2020 02:44	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 02:44	WG1460445
Fluoranthene	0.0424		0.00600	1	04/15/2020 02:44	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 02:44	WG1460445
Indeno(1,2,3-cd)pyrene	0.0151		0.00600	1	04/15/2020 02:44	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 02:44	WG1460445
Phenanthrene	0.00875		0.00600	1	04/15/2020 02:44	WG1460445
Pyrene	0.0228		0.00600	1	04/15/2020 02:44	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 02:44	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 02:44	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 02:44	WG1460445
(S) p-Terphenyl-d14	*69.2*		*23.0-120*		*04/15/2020 02:44*	WG1460445
(S) Nitrobenzene-d5	*55.0*		*14.0-149*		*04/15/2020 02:44*	WG1460445
(S) 2-Fluorobiphenyl	*79.3*		*34.0-125*		*04/15/2020 02:44*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:43	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.01		2.00	1	04/11/2020 11:56	WG1458568
Barium	91.5		0.500	1	04/11/2020 11:56	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:56	WG1458568
Chromium	9.24		1.00	1	04/11/2020 11:56	WG1458568
Lead	28.5		0.500	1	04/11/2020 11:56	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:56	WG1458568
Silver	ND		1.00	1	04/11/2020 11:56	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.38	1.1	04/11/2020 02:51	WG1458899
Acrylonitrile	ND		0.344	1.1	04/11/2020 02:51	WG1458899
Benzene	ND		0.0275	1.1	04/11/2020 02:51	WG1458899
Bromobenzene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
Bromodichloromethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Bromoform	ND		0.688	1.1	04/11/2020 02:51	WG1458899
Bromomethane	ND		0.344	1.1	04/11/2020 02:51	WG1458899
1,3-Butadiene	ND		0.688	1.1	04/11/2020 02:51	WG1458899
n-Butylbenzene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
sec-Butylbenzene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
tert-Butylbenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Carbon disulfide	ND		0.344	1.1	04/11/2020 02:51	WG1458899
Carbon tetrachloride	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Chlorobenzene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Chlorodibromomethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Chloroethane	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Chloroform	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Chloromethane	ND		0.344	1.1	04/11/2020 02:51	WG1458899
2-Chlorotoluene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
4-Chlorotoluene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Cyclohexane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.688	1.1	04/11/2020 02:51	WG1458899
1,2-Dibromoethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Dibromomethane	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,2-Dichlorobenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,3-Dichlorobenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,4-Dichlorobenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Dichlorodifluoromethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,1-Dichloroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,2-Dichloroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,1-Dichloroethene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
cis-1,2-Dichloroethene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
trans-1,2-Dichloroethene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,2-Dichloropropane	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,1-Dichloropropene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,3-Dichloropropane	ND		0.138	1.1	04/11/2020 02:51	WG1458899
cis-1,3-Dichloropropene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
trans-1,3-Dichloropropene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
2,2-Dichloropropane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
Di-isopropyl ether	ND		0.0275	1.1	04/11/2020 02:51	WG1458899
Ethylbenzene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
4-Ethyltoluene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Hexachloro-1,3-butadiene	ND		0.688	1.1	04/11/2020 02:51	WG1458899
n-Hexane	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Isopropylbenzene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
p-Isopropyltoluene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
2-Butanone (MEK)	ND		2.75	1.1	04/11/2020 02:51	WG1458899
Methylene Chloride	ND		0.688	1.1	04/11/2020 02:51	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.688	1.1	04/11/2020 02:51	WG1458899
Methyl tert-butyl ether	ND		0.0275	1.1	04/11/2020 02:51	WG1458899
Methyl Cyclohexane	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Naphthalene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
Propene	ND		1.38	1.1	04/11/2020 02:51	WG1458899
n-Propylbenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Styrene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Tetrachloroethene	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Toluene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,2,3-Trichlorobenzene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
1,2,4-Trichlorobenzene	ND		0.344	1.1	04/11/2020 02:51	WG1458899
1,1,1-Trichloroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,1,2-Trichloroethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Trichloroethene	ND		0.0275	1.1	04/11/2020 02:51	WG1458899
Trichlorofluoromethane	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
1,2,3-Trichloropropane	ND		0.344	1.1	04/11/2020 02:51	WG1458899
1,2,4-Trimethylbenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,2,3-Trimethylbenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
1,3,5-Trimethylbenzene	ND		0.138	1.1	04/11/2020 02:51	WG1458899
Vinyl chloride	ND		0.0688	1.1	04/11/2020 02:51	WG1458899
Xylenes, Total	ND		0.179	1.1	04/11/2020 02:51	WG1458899
(S) Toluene-d8	*107*		*75.0-131*		*04/11/2020 02:51*	WG1458899
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/11/2020 02:51*	WG1458899
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*04/11/2020 02:51*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 17:21	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 17:21	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 17:21	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 17:21	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 17:21	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 17:21	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 17:21	WG1459538
(S) Decachlorobiphenyl	*122*		*10.0-135*		*04/14/2020 17:21*	WG1459538
(S) Tetrachloro-m-xylene	*103*		*10.0-139*		*04/14/2020 17:21*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Benzo(a)anthracene	0.00842		0.00600	1	04/15/2020 05:47	WG1460445
Benzo(a)pyrene	0.00932		0.00600	1	04/15/2020 05:47	WG1460445
Benzo(b)fluoranthene	0.0155		0.00600	1	04/15/2020 05:47	WG1460445
Benzo(g,h,i)perylene	0.00923		0.00600	1	04/15/2020 05:47	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Chrysene	0.0120		0.00600	1	04/15/2020 05:47	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Fluoranthene	0.0159		0.00600	1	04/15/2020 05:47	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Indeno(1,2,3-cd)pyrene	0.00712		0.00600	1	04/15/2020 05:47	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 05:47	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 05:47	WG1460445
Pyrene	0.0112		0.00600	1	04/15/2020 05:47	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:47	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:47	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 05:47	WG1460445
(S) p-Terphenyl-d14	*77.9*		*23.0-120*		*04/15/2020 05:47*	WG1460445
(S) Nitrobenzene-d5	*63.3*		*14.0-149*		*04/15/2020 05:47*	WG1460445
(S) 2-Fluorobiphenyl	*87.6*		*34.0-125*		*04/15/2020 05:47*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:46	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.35		2.00	1	04/11/2020 11:58	WG1458568
Barium	145		0.500	1	04/11/2020 11:58	WG1458568
Cadmium	ND		0.500	1	04/11/2020 11:58	WG1458568
Chromium	12.6		1.00	1	04/11/2020 11:58	WG1458568
Lead	12.5		0.500	1	04/11/2020 11:58	WG1458568
Selenium	ND		2.00	1	04/11/2020 11:58	WG1458568
Silver	ND		1.00	1	04/11/2020 11:58	WG1458568

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.26	1.01	04/11/2020 03:09	WG1458899
Acrylonitrile	ND		0.316	1.01	04/11/2020 03:09	WG1458899
Benzene	ND		0.0253	1.01	04/11/2020 03:09	WG1458899
Bromobenzene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
Bromodichloromethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Bromoform	ND		0.631	1.01	04/11/2020 03:09	WG1458899
Bromomethane	ND		0.316	1.01	04/11/2020 03:09	WG1458899
1,3-Butadiene	ND		0.631	1.01	04/11/2020 03:09	WG1458899
n-Butylbenzene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
sec-Butylbenzene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
tert-Butylbenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Carbon disulfide	ND		0.316	1.01	04/11/2020 03:09	WG1458899
Carbon tetrachloride	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Chlorobenzene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Chlorodibromomethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Chloroethane	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Chloroform	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Chloromethane	ND		0.316	1.01	04/11/2020 03:09	WG1458899
2-Chlorotoluene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
4-Chlorotoluene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Cyclohexane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.631	1.01	04/11/2020 03:09	WG1458899
1,2-Dibromoethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Dibromomethane	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,2-Dichlorobenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,3-Dichlorobenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,4-Dichlorobenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Dichlorodifluoromethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,1-Dichloroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,2-Dichloroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,1-Dichloroethene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
cis-1,2-Dichloroethene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
trans-1,2-Dichloroethene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,2-Dichloropropane	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,1-Dichloropropene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,3-Dichloropropane	ND		0.126	1.01	04/11/2020 03:09	WG1458899
cis-1,3-Dichloropropene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
trans-1,3-Dichloropropene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
2,2-Dichloropropane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
Di-isopropyl ether	ND		0.0253	1.01	04/11/2020 03:09	WG1458899
Ethylbenzene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
4-Ethyltoluene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Hexachloro-1,3-butadiene	ND		0.631	1.01	04/11/2020 03:09	WG1458899
n-Hexane	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Isopropylbenzene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
p-Isopropyltoluene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
2-Butanone (MEK)	ND		2.53	1.01	04/11/2020 03:09	WG1458899
Methylene Chloride	ND		0.631	1.01	04/11/2020 03:09	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.631	1.01	04/11/2020 03:09	WG1458899
Methyl tert-butyl ether	ND		0.0253	1.01	04/11/2020 03:09	WG1458899
Methyl Cyclohexane	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Naphthalene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
Propene	ND		1.26	1.01	04/11/2020 03:09	WG1458899
n-Propylbenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Styrene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Tetrachloroethene	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Toluene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,2,3-Trichlorobenzene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
1,2,4-Trichlorobenzene	ND		0.316	1.01	04/11/2020 03:09	WG1458899
1,1,1-Trichloroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,1,2-Trichloroethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Trichloroethene	ND		0.0253	1.01	04/11/2020 03:09	WG1458899
Trichlorofluoromethane	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
1,2,3-Trichloropropane	ND		0.316	1.01	04/11/2020 03:09	WG1458899
1,2,4-Trimethylbenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,2,3-Trimethylbenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
1,3,5-Trimethylbenzene	ND		0.126	1.01	04/11/2020 03:09	WG1458899
Vinyl chloride	ND		0.0631	1.01	04/11/2020 03:09	WG1458899
Xylenes, Total	ND		0.164	1.01	04/11/2020 03:09	WG1458899
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 03:09*	WG1458899
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/11/2020 03:09*	WG1458899
(S) 1,2-Dichloroethane-d4	*91.6*		*70.0-130*		*04/11/2020 03:09*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 13:41	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 13:41	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 13:41	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 13:41	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 13:41	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 13:41	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 13:41	WG1459538
(S) Decachlorobiphenyl	*109*		*10.0-135*		*04/14/2020 13:41*	WG1459538
(S) Tetrachloro-m-xylene	*108*		*10.0-139*		*04/14/2020 13:41*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 03:53	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 03:53	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 03:53	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 03:53	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 03:53	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 03:53	WG1460445
(S) p-Terphenyl-d14	*74.9*		*23.0-120*		*04/15/2020 03:53*	WG1460445
(S) Nitrobenzene-d5	*60.7*		*14.0-149*		*04/15/2020 03:53*	WG1460445
(S) 2-Fluorobiphenyl	*85.6*		*34.0-125*		*04/15/2020 03:53*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:48	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.42		2.00	1	04/10/2020 20:24	WG1458565
Barium	58.0		0.500	1	04/10/2020 20:24	WG1458565
Cadmium	ND		0.500	1	04/10/2020 20:24	WG1458565
Chromium	4.75		1.00	1	04/10/2020 20:24	WG1458565
Lead	6.96		0.500	1	04/10/2020 20:24	WG1458565
Selenium	ND		2.00	1	04/10/2020 20:24	WG1458565
Silver	ND		1.00	1	04/10/2020 20:24	WG1458565

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.35	1.08	04/11/2020 03:28	WG1458899
Acrylonitrile	ND		0.338	1.08	04/11/2020 03:28	WG1458899
Benzene	ND		0.0270	1.08	04/11/2020 03:28	WG1458899
Bromobenzene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
Bromodichloromethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Bromoform	ND		0.675	1.08	04/11/2020 03:28	WG1458899
Bromomethane	ND		0.338	1.08	04/11/2020 03:28	WG1458899
1,3-Butadiene	ND		0.675	1.08	04/11/2020 03:28	WG1458899
n-Butylbenzene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
sec-Butylbenzene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
tert-Butylbenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Carbon disulfide	ND		0.338	1.08	04/11/2020 03:28	WG1458899
Carbon tetrachloride	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Chlorobenzene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Chlorodibromomethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Chloroethane	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Chloroform	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Chloromethane	ND		0.338	1.08	04/11/2020 03:28	WG1458899
2-Chlorotoluene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
4-Chlorotoluene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Cyclohexane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.675	1.08	04/11/2020 03:28	WG1458899
1,2-Dibromoethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Dibromomethane	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,2-Dichlorobenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,3-Dichlorobenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,4-Dichlorobenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Dichlorodifluoromethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,1-Dichloroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,2-Dichloroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,1-Dichloroethene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
cis-1,2-Dichloroethene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
trans-1,2-Dichloroethene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,2-Dichloropropane	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,1-Dichloropropene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,3-Dichloropropane	ND		0.135	1.08	04/11/2020 03:28	WG1458899
cis-1,3-Dichloropropene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
trans-1,3-Dichloropropene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
2,2-Dichloropropane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
Di-isopropyl ether	ND		0.0270	1.08	04/11/2020 03:28	WG1458899
Ethylbenzene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
4-Ethyltoluene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Hexachloro-1,3-butadiene	ND		0.675	1.08	04/11/2020 03:28	WG1458899
n-Hexane	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Isopropylbenzene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
p-Isopropyltoluene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
2-Butanone (MEK)	ND		2.70	1.08	04/11/2020 03:28	WG1458899
Methylene Chloride	ND		0.675	1.08	04/11/2020 03:28	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.675	1.08	04/11/2020 03:28	WG1458899
Methyl tert-butyl ether	ND		0.0270	1.08	04/11/2020 03:28	WG1458899
Methyl Cyclohexane	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Naphthalene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
Propene	ND		1.35	1.08	04/11/2020 03:28	WG1458899
n-Propylbenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Styrene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Tetrachloroethene	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Toluene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,2,3-Trichlorobenzene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
1,2,4-Trichlorobenzene	ND		0.338	1.08	04/11/2020 03:28	WG1458899
1,1,1-Trichloroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,1,2-Trichloroethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Trichloroethene	ND		0.0270	1.08	04/11/2020 03:28	WG1458899
Trichlorofluoromethane	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
1,2,3-Trichloropropane	ND		0.338	1.08	04/11/2020 03:28	WG1458899
1,2,4-Trimethylbenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,2,3-Trimethylbenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
1,3,5-Trimethylbenzene	ND		0.135	1.08	04/11/2020 03:28	WG1458899
Vinyl chloride	ND		0.0675	1.08	04/11/2020 03:28	WG1458899
Xylenes, Total	ND		0.176	1.08	04/11/2020 03:28	WG1458899
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 03:28*	WG1458899
(S) 4-Bromofluorobenzene	*96.9*		*67.0-138*		*04/11/2020 03:28*	WG1458899
(S) 1,2-Dichloroethane-d4	*89.8*		*70.0-130*		*04/11/2020 03:28*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 17:34	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 17:34	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 17:34	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 17:34	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 17:34	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 17:34	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 17:34	WG1459538
(S) Decachlorobiphenyl	*115*		*10.0-135*		*04/14/2020 17:34*	WG1459538
(S) Tetrachloro-m-xylene	*94.0*		*10.0-139*		*04/14/2020 17:34*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 04:16	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 04:16	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 04:16	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:16	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:16	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 04:16	WG1460445
(S) p-Terphenyl-d14	*66.1*		*23.0-120*		*04/15/2020 04:16*	WG1460445
(S) Nitrobenzene-d5	*48.6*		*14.0-149*		*04/15/2020 04:16*	WG1460445
(S) 2-Fluorobiphenyl	*68.1*		*34.0-125*		*04/15/2020 04:16*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:51	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	18.0		2.00	1	04/10/2020 20:26	WG1458565
Barium	36.7		0.500	1	04/10/2020 20:26	WG1458565
Cadmium	ND		0.500	1	04/10/2020 20:26	WG1458565
Chromium	4.02		1.00	1	04/10/2020 20:26	WG1458565
Lead	101		0.500	1	04/10/2020 20:26	WG1458565
Selenium	ND		2.00	1	04/10/2020 20:26	WG1458565
Silver	ND		1.00	1	04/10/2020 20:26	WG1458565

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.31	1.05	04/11/2020 03:47	WG1458899
Acrylonitrile	ND		0.328	1.05	04/11/2020 03:47	WG1458899
Benzene	ND		0.0263	1.05	04/11/2020 03:47	WG1458899
Bromobenzene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
Bromodichloromethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Bromoform	ND		0.656	1.05	04/11/2020 03:47	WG1458899
Bromomethane	ND		0.328	1.05	04/11/2020 03:47	WG1458899
1,3-Butadiene	ND		0.656	1.05	04/11/2020 03:47	WG1458899
n-Butylbenzene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
sec-Butylbenzene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
tert-Butylbenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Carbon disulfide	ND		0.328	1.05	04/11/2020 03:47	WG1458899
Carbon tetrachloride	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Chlorobenzene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Chlorodibromomethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Chloroethane	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Chloroform	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Chloromethane	ND		0.328	1.05	04/11/2020 03:47	WG1458899
2-Chlorotoluene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
4-Chlorotoluene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Cyclohexane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.656	1.05	04/11/2020 03:47	WG1458899
1,2-Dibromoethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Dibromomethane	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,2-Dichlorobenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,3-Dichlorobenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,4-Dichlorobenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Dichlorodifluoromethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,1-Dichloroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,2-Dichloroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,1-Dichloroethene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
cis-1,2-Dichloroethene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
trans-1,2-Dichloroethene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,2-Dichloropropane	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,1-Dichloropropene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,3-Dichloropropane	ND		0.131	1.05	04/11/2020 03:47	WG1458899
cis-1,3-Dichloropropene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
trans-1,3-Dichloropropene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
2,2-Dichloropropane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
Di-isopropyl ether	ND		0.0263	1.05	04/11/2020 03:47	WG1458899
Ethylbenzene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
4-Ethyltoluene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Hexachloro-1,3-butadiene	ND		0.656	1.05	04/11/2020 03:47	WG1458899
n-Hexane	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Isopropylbenzene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
p-Isopropyltoluene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
2-Butanone (MEK)	ND		2.63	1.05	04/11/2020 03:47	WG1458899
Methylene Chloride	ND		0.656	1.05	04/11/2020 03:47	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.656	1.05	04/11/2020 03:47	WG1458899
Methyl tert-butyl ether	ND		0.0263	1.05	04/11/2020 03:47	WG1458899
Methyl Cyclohexane	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Naphthalene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
Propene	ND		1.31	1.05	04/11/2020 03:47	WG1458899
n-Propylbenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Styrene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Tetrachloroethene	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Toluene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,2,3-Trichlorobenzene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
1,2,4-Trichlorobenzene	ND		0.328	1.05	04/11/2020 03:47	WG1458899
1,1,1-Trichloroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,1,2-Trichloroethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Trichloroethene	ND		0.0263	1.05	04/11/2020 03:47	WG1458899
Trichlorofluoromethane	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
1,2,3-Trichloropropane	ND		0.328	1.05	04/11/2020 03:47	WG1458899
1,2,4-Trimethylbenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,2,3-Trimethylbenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
1,3,5-Trimethylbenzene	ND		0.131	1.05	04/11/2020 03:47	WG1458899
Vinyl chloride	ND		0.0656	1.05	04/11/2020 03:47	WG1458899
Xylenes, Total	ND		0.171	1.05	04/11/2020 03:47	WG1458899
(S) Toluene-d8	*104*		*75.0-131*		*04/11/2020 03:47*	WG1458899
(S) 4-Bromofluorobenzene	*99.5*		*67.0-138*		*04/11/2020 03:47*	WG1458899
(S) 1,2-Dichloroethane-d4	*98.0*		*70.0-130*		*04/11/2020 03:47*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 17:48	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 17:48	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 17:48	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 17:48	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 17:48	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 17:48	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 17:48	WG1459538
(S) Decachlorobiphenyl	*142*	S4	*10.0-135*		*04/14/2020 17:48*	WG1459538
(S) Tetrachloro-m-xylene	*113*		*10.0-139*		*04/14/2020 17:48*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 04:38	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 04:38	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 04:38	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:38	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:38	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 04:38	WG1460445
(S) p-Terphenyl-d14	*77.4*		*23.0-120*		*04/15/2020 04:38*	WG1460445
(S) Nitrobenzene-d5	*61.5*		*14.0-149*		*04/15/2020 04:38*	WG1460445
(S) 2-Fluorobiphenyl	*87.0*		*34.0-125*		*04/15/2020 04:38*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:53	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	11.3		2.00	1	04/10/2020 20:29	WG1458565
Barium	70.2		0.500	1	04/10/2020 20:29	WG1458565
Cadmium	ND		0.500	1	04/10/2020 20:29	WG1458565
Chromium	11.7		1.00	1	04/10/2020 20:29	WG1458565
Lead	18.1		0.500	1	04/10/2020 20:29	WG1458565
Selenium	ND		2.00	1	04/10/2020 20:29	WG1458565
Silver	ND		1.00	1	04/10/2020 20:29	WG1458565

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 04:07	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 04:07	WG1458899
Benzene	ND		0.0250	1	04/11/2020 04:07	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 04:07	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
Bromoform	ND		0.625	1	04/11/2020 04:07	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 04:07	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 04:07	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 04:07	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 04:07	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 04:07	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 04:07	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 04:07	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 04:07	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 04:07	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 04:07	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 04:07	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 04:07	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 04:07	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 04:07	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 04:07	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 04:07	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 04:07	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 04:07	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 04:07	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 04:07	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 04:07	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 04:07	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 04:07	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 04:07	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 04:07	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 04:07	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 04:07	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 04:07	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 04:07	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 04:07	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 04:07	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 04:07	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 04:07	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 04:07	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 04:07	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 04:07	WG1458899
Propene	ND		1.25	1	04/11/2020 04:07	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
Styrene	ND		0.313	1	04/11/2020 04:07	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 04:07	WG1458899
Toluene	ND		0.125	1	04/11/2020 04:07	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 04:07	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 04:07	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 04:07	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 04:07	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 04:07	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 04:07	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 04:07	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 04:07	WG1458899
(S) Toluene-d8	*104*		*75.0-131*		*04/11/2020 04:07*	WG1458899
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/11/2020 04:07*	WG1458899
(S) 1,2-Dichloroethane-d4	*97.7*		*70.0-130*		*04/11/2020 04:07*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 18:02	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 18:02	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 18:02	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 18:02	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 18:02	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 18:02	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 18:02	WG1459538
(S) Decachlorobiphenyl	*158*	S4	*10.0-135*		*04/14/2020 18:02*	WG1459538
(S) Tetrachloro-m-xylene	*129*		*10.0-139*		*04/14/2020 18:02*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 05:01	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 05:01	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 05:01	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:01	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:01	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 05:01	WG1460445
(S) p-Terphenyl-d14	*64.6*		*23.0-120*		*04/15/2020 05:01*	WG1460445
(S) Nitrobenzene-d5	*53.7*		*14.0-149*		*04/15/2020 05:01*	WG1460445
(S) 2-Fluorobiphenyl	*74.5*		*34.0-125*		*04/15/2020 05:01*	WG1460445

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/12/2020 18:56	WG1458686

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.34		2.00	1	04/10/2020 20:32	WG1458565
Barium	121		0.500	1	04/10/2020 20:32	WG1458565
Cadmium	ND		0.500	1	04/10/2020 20:32	WG1458565
Chromium	12.4		1.00	1	04/10/2020 20:32	WG1458565
Lead	21.8		0.500	1	04/10/2020 20:32	WG1458565
Selenium	ND		2.00	1	04/10/2020 20:32	WG1458565
Silver	ND		1.00	1	04/10/2020 20:32	WG1458565

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	L1	1.25	1	04/11/2020 04:26	WG1458899
Acrylonitrile	ND		0.313	1	04/11/2020 04:26	WG1458899
Benzene	ND		0.0250	1	04/11/2020 04:26	WG1458899
Bromobenzene	ND		0.313	1	04/11/2020 04:26	WG1458899
Bromodichloromethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
Bromoform	ND		0.625	1	04/11/2020 04:26	WG1458899
Bromomethane	ND		0.313	1	04/11/2020 04:26	WG1458899
1,3-Butadiene	ND		0.625	1	04/11/2020 04:26	WG1458899
n-Butylbenzene	ND		0.313	1	04/11/2020 04:26	WG1458899
sec-Butylbenzene	ND		0.313	1	04/11/2020 04:26	WG1458899
tert-Butylbenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
Carbon disulfide	ND		0.313	1	04/11/2020 04:26	WG1458899
Carbon tetrachloride	ND		0.125	1	04/11/2020 04:26	WG1458899
Chlorobenzene	ND		0.0625	1	04/11/2020 04:26	WG1458899
Chlorodibromomethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
Chloroethane	ND		0.125	1	04/11/2020 04:26	WG1458899
Chloroform	ND		0.0625	1	04/11/2020 04:26	WG1458899
Chloromethane	ND		0.313	1	04/11/2020 04:26	WG1458899
2-Chlorotoluene	ND		0.0625	1	04/11/2020 04:26	WG1458899
4-Chlorotoluene	ND		0.125	1	04/11/2020 04:26	WG1458899
Cyclohexane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 04:26	WG1458899
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
Dibromomethane	ND		0.125	1	04/11/2020 04:26	WG1458899
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 04:26	WG1458899
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 04:26	WG1458899
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 04:26	WG1458899
1,2-Dichloropropane	ND		0.125	1	04/11/2020 04:26	WG1458899
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,3-Dichloropropane	ND		0.125	1	04/11/2020 04:26	WG1458899
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 04:26	WG1458899
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 04:26	WG1458899
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 04:26	WG1458899

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 04:26	WG1458899
Di-isopropyl ether	ND		0.0250	1	04/11/2020 04:26	WG1458899
Ethylbenzene	ND		0.0625	1	04/11/2020 04:26	WG1458899
4-Ethyltoluene	ND		0.125	1	04/11/2020 04:26	WG1458899
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 04:26	WG1458899
n-Hexane	ND		0.125	1	04/11/2020 04:26	WG1458899
Isopropylbenzene	ND		0.0625	1	04/11/2020 04:26	WG1458899
p-Isopropyltoluene	ND		0.125	1	04/11/2020 04:26	WG1458899
2-Butanone (MEK)	ND		2.50	1	04/11/2020 04:26	WG1458899
Methylene Chloride	ND		0.625	1	04/11/2020 04:26	WG1458899
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 04:26	WG1458899
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 04:26	WG1458899
Methyl Cyclohexane	ND		0.125	1	04/11/2020 04:26	WG1458899
Naphthalene	ND		0.313	1	04/11/2020 04:26	WG1458899
Propene	ND		1.25	1	04/11/2020 04:26	WG1458899
n-Propylbenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
Styrene	ND		0.313	1	04/11/2020 04:26	WG1458899
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
Tetrachloroethene	ND		0.0625	1	04/11/2020 04:26	WG1458899
Toluene	ND		0.125	1	04/11/2020 04:26	WG1458899
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 04:26	WG1458899
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 04:26	WG1458899
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
Trichloroethene	ND		0.0250	1	04/11/2020 04:26	WG1458899
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 04:26	WG1458899
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 04:26	WG1458899
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 04:26	WG1458899
Vinyl chloride	ND		0.0625	1	04/11/2020 04:26	WG1458899
Xylenes, Total	ND		0.163	1	04/11/2020 04:26	WG1458899
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 04:26*	WG1458899
(S) 4-Bromofluorobenzene	*95.7*		*67.0-138*		*04/11/2020 04:26*	WG1458899
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*04/11/2020 04:26*	WG1458899

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 18:15	WG1459538
PCB 1221	ND		0.0340	1	04/14/2020 18:15	WG1459538
PCB 1232	ND		0.0340	1	04/14/2020 18:15	WG1459538
PCB 1242	ND		0.0340	1	04/14/2020 18:15	WG1459538
PCB 1248	ND		0.0170	1	04/14/2020 18:15	WG1459538
PCB 1254	ND		0.0170	1	04/14/2020 18:15	WG1459538
PCB 1260	ND		0.0170	1	04/14/2020 18:15	WG1459538
(S) Decachlorobiphenyl	*115*		*10.0-135*		*04/14/2020 18:15*	WG1459538
(S) Tetrachloro-m-xylene	*97.1*		*10.0-139*		*04/14/2020 18:15*	WG1459538

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Acenaphthene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Acenaphthylene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Chrysene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Fluoranthene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Fluorene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Naphthalene	ND		0.0200	1	04/15/2020 05:24	WG1460445
Phenanthrene	ND		0.00600	1	04/15/2020 05:24	WG1460445
Pyrene	ND		0.00600	1	04/15/2020 05:24	WG1460445
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:24	WG1460445
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:24	WG1460445
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 05:24	WG1460445
(S) p-Terphenyl-d14	*64.5*		*23.0-120*		*04/15/2020 05:24*	WG1460445
(S) Nitrobenzene-d5	*53.7*		*14.0-149*		*04/15/2020 05:24*	WG1460445
(S) 2-Fluorobiphenyl	*74.7*		*34.0-125*		*04/15/2020 05:24*	WG1460445

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/10/2020 17:18	WG1458411

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/11/2020 08:19	WG1458374
Barium	ND		0.00500	1	04/11/2020 08:19	WG1458374
Cadmium	ND		0.00200	1	04/11/2020 08:19	WG1458374
Chromium	ND		0.0100	1	04/11/2020 08:19	WG1458374
Lead	ND		0.00600	1	04/11/2020 08:19	WG1458374
Selenium	ND		0.0100	1	04/11/2020 08:19	WG1458374
Silver	ND		0.00500	1	04/11/2020 08:19	WG1458374

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/09/2020 23:38	WG1458512
Acrolein	ND		0.0500	1	04/09/2020 23:38	WG1458512
Acrylonitrile	ND		0.0100	1	04/09/2020 23:38	WG1458512
Benzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Bromobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Bromodichloromethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Bromoform	ND		0.00100	1	04/09/2020 23:38	WG1458512
Bromomethane	ND		0.00500	1	04/09/2020 23:38	WG1458512
1,3-Butadiene	ND		0.00200	1	04/09/2020 23:38	WG1458512
n-Butylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
sec-Butylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
tert-Butylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Carbon tetrachloride	ND		0.00100	1	04/09/2020 23:38	WG1458512
Carbon disulfide	ND		0.00100	1	04/09/2020 23:38	WG1458512
Chlorobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Chlorodibromomethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Chloroethane	ND		0.00500	1	04/09/2020 23:38	WG1458512
Chloroform	ND		0.00500	1	04/09/2020 23:38	WG1458512
Chloromethane	ND		0.00250	1	04/09/2020 23:38	WG1458512
Cyclohexane	ND		0.00100	1	04/09/2020 23:38	WG1458512
2-Chlorotoluene	ND		0.00100	1	04/09/2020 23:38	WG1458512
4-Chlorotoluene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/09/2020 23:38	WG1458512
1,2-Dibromoethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Dibromomethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2-Dichlorobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,3-Dichlorobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,4-Dichlorobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Dichlorodifluoromethane	ND		0.00500	1	04/09/2020 23:38	WG1458512
1,1-Dichloroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2-Dichloroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1-Dichloroethene	ND		0.00100	1	04/09/2020 23:38	WG1458512
cis-1,2-Dichloroethene	ND		0.00100	1	04/09/2020 23:38	WG1458512
trans-1,2-Dichloroethene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2-Dichloropropane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1-Dichloropropene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,3-Dichloropropane	ND		0.00100	1	04/09/2020 23:38	WG1458512
cis-1,3-Dichloropropene	ND		0.00100	1	04/09/2020 23:38	WG1458512
trans-1,3-Dichloropropene	ND		0.00100	1	04/09/2020 23:38	WG1458512

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Dicyclopentadiene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Di-isopropyl ether	ND		0.00100	1	04/09/2020 23:38	WG1458512
Ethylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
4-Ethyltoluene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Hexachloro-1,3-butadiene	ND		0.00100	1	04/09/2020 23:38	WG1458512
n-Hexane	ND		0.0100	1	04/09/2020 23:38	WG1458512
Isopropylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
p-Isopropyltoluene	ND		0.00100	1	04/09/2020 23:38	WG1458512
2-Butanone (MEK)	ND		0.0100	1	04/09/2020 23:38	WG1458512
Methyl Cyclohexane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Methylene Chloride	ND		0.00500	1	04/09/2020 23:38	WG1458512
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/09/2020 23:38	WG1458512
Methyl tert-butyl ether	ND		0.00100	1	04/09/2020 23:38	WG1458512
Naphthalene	ND		0.00500	1	04/09/2020 23:38	WG1458512
Propene	ND		0.00250	1	04/09/2020 23:38	WG1458512
n-Propylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Styrene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Tetrachloroethene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Toluene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2,3-Trichlorobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2,4-Trichlorobenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1,1-Trichloroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,1,2-Trichloroethane	ND		0.00100	1	04/09/2020 23:38	WG1458512
Trichloroethene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Trichlorofluoromethane	ND		0.00500	1	04/09/2020 23:38	WG1458512
1,2,3-Trichloropropane	ND		0.00250	1	04/09/2020 23:38	WG1458512
1,2,4-Trimethylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,2,3-Trimethylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
1,3,5-Trimethylbenzene	ND		0.00100	1	04/09/2020 23:38	WG1458512
Vinyl chloride	ND		0.00100	1	04/09/2020 23:38	WG1458512
Xylenes, Total	ND		0.00300	1	04/09/2020 23:38	WG1458512
(S) Toluene-d8	*110*		*80.0-120*		*04/09/2020 23:38*	WG1458512
(S) 4-Bromofluorobenzene	*96.4*		*77.0-126*		*04/09/2020 23:38*	WG1458512
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*04/09/2020 23:38*	WG1458512

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00100	1	04/15/2020 14:30	WG1460647
PCB 1221	ND		0.00100	1	04/15/2020 14:30	WG1460647
PCB 1232	ND		0.00100	1	04/15/2020 14:30	WG1460647
PCB 1242	ND		0.00100	1	04/15/2020 14:30	WG1460647
PCB 1248	ND		0.000500	1	04/15/2020 14:30	WG1460647
PCB 1254	ND		0.000500	1	04/15/2020 14:30	WG1460647
PCB 1260	ND		0.000500	1	04/15/2020 14:30	WG1460647
(S) Decachlorobiphenyl	*73.7*		*10.0-128*		*04/15/2020 14:30*	WG1460647
(S) Tetrachloro-m-xylene	*91.9*		*10.0-127*		*04/15/2020 14:30*	WG1460647

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Acenaphthene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Acenaphthylene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Benzo(a)anthracene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Benzo(a)pyrene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Benzo(b)fluoranthene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Benzo(g,h,i)perylene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Benzo(k)fluoranthene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Chrysene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Dibenz(a,h)anthracene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Fluoranthene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Fluorene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Naphthalene	ND		0.000250	1	04/13/2020 12:35	WG1459544
Phenanthrene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
Pyrene	ND		0.0000500	1	04/13/2020 12:35	WG1459544
1-Methylnaphthalene	ND		0.000250	1	04/13/2020 12:35	WG1459544
2-Methylnaphthalene	ND		0.000250	1	04/13/2020 12:35	WG1459544
2-Chloronaphthalene	ND		0.000250	1	04/13/2020 12:35	WG1459544
(S) Nitrobenzene-d5	*112*		*31.0-160*		*04/13/2020 12:35*	WG1459544
(S) 2-Fluorobiphenyl	*94.7*		*48.0-148*		*04/13/2020 12:35*	WG1459544
(S) p-Terphenyl-d14	*108*		*37.0-146*		*04/13/2020 12:35*	WG1459544

Method Blank (MB)

(MB) R3517577-1 04/10/20 16:46

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3517577-2 04/10/20 16:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00287	95.6	80.0-120	

L1207173-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207173-02 04/10/20 16:50 • (MS) R3517577-3 04/10/20 16:52 • (MSD) R3517577-4 04/10/20 16:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00307	0.00307	102	102	1	75.0-125			0.166	20

Method Blank (MB)

(MB) R3517883-1 04/12/20 20:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3517883-2 04/12/20 20:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.486	97.2	80.0-120	

L1207230-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207230-01 04/12/20 20:27 • (MS) R3517883-3 04/12/20 20:30 • (MSD) R3517883-4 04/12/20 20:37

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	0.0822	0.602	0.614	104	106	1	75.0-125			1.84	20

Method Blank (MB)

(MB) R3517881-1 04/12/20 18:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3517881-2 04/12/20 18:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.482	96.5	80.0-120	

L1207172-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207172-05 04/12/20 18:10 • (MS) R3517881-3 04/12/20 18:13 • (MSD) R3517881-4 04/12/20 18:15

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.606	U	0.549	0.559	90.6	92.3	1	75.0-125			1.87	20

Method Blank (MB)

(MB) R3517665-1 04/11/20 07:39

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3517665-2 04/11/20 07:42

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.929	92.9	80.0-120	
Barium	1.00	0.990	99.0	80.0-120	
Cadmium	1.00	0.940	94.0	80.0-120	
Chromium	1.00	0.970	97.0	80.0-120	
Lead	1.00	0.943	94.3	80.0-120	
Selenium	1.00	0.948	94.8	80.0-120	
Silver	0.200	0.178	89.0	80.0-120	

L1207137-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207137-01 04/11/20 07:44 • (MS) R3517665-4 04/11/20 07:50 • (MSD) R3517665-5 04/11/20 07:52

Analyte	Spike Amount mg/l	Original Result	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00		0.984	0.963	98.4	96.3	1	75.0-125			2.13	20
Barium	1.00		1.09	1.06	98.3	95.8	1	75.0-125			2.34	20
Cadmium	1.00		0.972	0.948	97.2	94.8	1	75.0-125			2.55	20
Chromium	1.00		0.972	0.946	97.2	94.6	1	75.0-125			2.71	20
Lead	1.00		0.943	0.929	94.3	92.9	1	75.0-125			1.51	20
Selenium	1.00		1.00	0.967	100	96.7	1	75.0-125			3.80	20
Silver	0.200		0.184	0.179	92.0	89.3	1	75.0-125			3.01	20

Method Blank (MB)

(MB) R3517592-1 04/10/20 19:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517592-2 04/10/20 19:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	108	108	80.0-120	
Barium	100	112	112	80.0-120	
Cadmium	100	108	108	80.0-120	
Chromium	100	111	111	80.0-120	
Lead	100	110	110	80.0-120	
Selenium	100	109	109	80.0-120	
Silver	20.0	19.7	98.5	80.0-120	

L1207030-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207030-01 04/10/20 19:23 • (MS) R3517592-5 04/10/20 19:31 • (MSD) R3517592-6 04/10/20 19:34

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	112	9.30	121	117	100	96.3	1	75.0-125			3.51	20
Barium	112	147	237	246	80.3	88.5	1	75.0-125			3.83	20
Cadmium	112	0.698	114	109	101	96.4	1	75.0-125			4.64	20
Chromium	112	27.9	150	134	109	95.0	1	75.0-125			11.1	20
Lead	112	539	338	516	0.000	0.000	1	75.0-125	M3	M3 R5	41.8	20
Selenium	112	U	113	107	101	95.4	1	75.0-125			5.81	20
Silver	22.4	U	20.0	19.1	89.4	85.4	1	75.0-125			4.57	20

Method Blank (MB)

(MB) R3517668-1 04/11/20 10:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	0.222	E4	0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517668-2 04/11/20 10:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	93.5	93.5	80.0-120	
Barium	100	100	100	80.0-120	
Cadmium	100	94.6	94.6	80.0-120	
Chromium	100	97.8	97.8	80.0-120	
Lead	100	93.8	93.8	80.0-120	
Selenium	100	96.4	96.4	80.0-120	
Silver	20.0	17.9	89.3	80.0-120	

L1206794-15 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206794-15 04/11/20 10:54 • (MS) R3517668-5 04/11/20 11:01 • (MSD) R3517668-6 04/11/20 11:04

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	2.77	96.4	91.0	93.6	88.2	1	75.0-125			5.74	20
Barium	100	37.6	145	128	108	90.6	1	75.0-125			12.4	20
Cadmium	100	ND	92.0	89.6	92.0	89.6	1	75.0-125			2.57	20
Chromium	100	4.34	98.7	96.7	94.3	92.4	1	75.0-125			1.97	20
Lead	100	6.19	102	95.0	96.0	88.8	1	75.0-125			7.24	20
Selenium	100	ND	93.6	91.5	93.6	91.5	1	75.0-125			2.25	20
Silver	20.0	ND	17.3	16.7	86.6	83.4	1	75.0-125			3.81	20

Method Blank (MB)

(MB) R3517826-1 04/11/20 09:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3517826-2 04/11/20 09:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	94.6	94.6	80.0-120	
Barium	100	101	101	80.0-120	
Cadmium	100	95.4	95.4	80.0-120	
Chromium	100	96.8	96.8	80.0-120	
Lead	100	96.9	96.9	80.0-120	
Selenium	100	98.0	98.0	80.0-120	
Silver	20.0	17.5	87.4	80.0-120	

L1207230-12 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207230-12 04/11/20 09:55 • (MS) R3517826-5 04/11/20 10:04 • (MSD) R3517826-6 04/11/20 10:07

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	4.24	91.2	95.8	87.0	91.6	1	75.0-125			4.88	20
Barium	100	125	221	215	95.4	90.2	1	75.0-125			2.40	20
Cadmium	100	ND	88.7	93.3	88.4	93.0	1	75.0-125			5.01	20
Chromium	100	13.1	96.0	102	82.9	89.0	1	75.0-125			6.17	20
Lead	100	24.0	117	122	93.0	98.1	1	75.0-125			4.19	20
Selenium	100	ND	88.5	93.6	88.5	93.6	1	75.0-125			5.61	20
Silver	20.0	ND	15.7	16.6	78.7	83.2	1	75.0-125			5.64	20

Method Blank (MB)

(MB) R3518071-3 04/09/20 21:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0100	0.0500
Acrolein	U		0.00887	0.0500
Acrylonitrile	U		0.00187	0.0100
Benzene	U		0.000331	0.00100
Bromobenzene	U		0.000352	0.00100
Bromodichloromethane	U		0.000380	0.00100
Bromoform	U		0.000469	0.00100
Bromomethane	U		0.000866	0.00500
1,3-Butadiene	U		0.000330	0.00200
n-Butylbenzene	U		0.000361	0.00100
sec-Butylbenzene	U		0.000365	0.00100
tert-Butylbenzene	U		0.000399	0.00100
Carbon disulfide	U		0.000275	0.00100
Carbon tetrachloride	U		0.000379	0.00100
Chlorobenzene	U		0.000348	0.00100
Chlorodibromomethane	U		0.000327	0.00100
Chloroethane	U		0.000453	0.00500
Chloroform	U		0.000324	0.00500
Chloromethane	U		0.000276	0.00250
Cyclohexane	U		0.000390	0.00100
2-Chlorotoluene	U		0.000375	0.00100
4-Chlorotoluene	U		0.000351	0.00100
1,2-Dibromo-3-Chloropropane	U		0.00133	0.00500
1,2-Dibromoethane	U		0.000381	0.00100
Dibromomethane	U		0.000346	0.00100
1,2-Dichlorobenzene	U		0.000349	0.00100
1,3-Dichlorobenzene	U		0.000220	0.00100
1,4-Dichlorobenzene	U		0.000274	0.00100
Dichlorodifluoromethane	U		0.000551	0.00500
1,1-Dichloroethane	U		0.000259	0.00100
1,2-Dichloroethane	U		0.000361	0.00100
1,1-Dichloroethene	U		0.000398	0.00100
cis-1,2-Dichloroethene	U		0.000260	0.00100
trans-1,2-Dichloroethene	U		0.000396	0.00100
1,2-Dichloropropane	U		0.000306	0.00100
1,1-Dichloropropene	U		0.000352	0.00100
1,3-Dichloropropane	U		0.000366	0.00100
cis-1,3-Dichloropropene	U		0.000418	0.00100
trans-1,3-Dichloropropene	U		0.000419	0.00100
2,2-Dichloropropane	U		0.000321	0.00100

Method Blank (MB)

(MB) R3518071-3 04/09/20 21:56

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dicyclopentadiene	U		0.000219	0.00100
Di-isopropyl ether	U		0.000320	0.00100
Ethylbenzene	U		0.000384	0.00100
4-Ethyltoluene	U		0.000172	0.00100
Hexachloro-1,3-butadiene	U		0.000256	0.00100
n-Hexane	U		0.000736	0.0100
Isopropylbenzene	U		0.000326	0.00100
p-Isopropyltoluene	U		0.000350	0.00100
2-Butanone (MEK)	U		0.00393	0.0100
Methyl Cyclohexane	U		0.000380	0.00100
Methylene Chloride	U		0.00100	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.00214	0.0100
Methyl tert-butyl ether	U		0.000367	0.00100
Naphthalene	U		0.00100	0.00500
Propene	U		0.000975	0.00250
n-Propylbenzene	U		0.000349	0.00100
Styrene	U		0.000307	0.00100
1,1,1,2-Tetrachloroethane	U		0.000385	0.00100
1,1,2,2-Tetrachloroethane	U		0.000130	0.00100
Tetrachloroethene	U		0.000372	0.00100
Toluene	U		0.000412	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000303	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000355	0.00100
1,1,1-Trichloroethane	U		0.000319	0.00100
1,1,2-Trichloroethane	U		0.000383	0.00100
Trichloroethene	U		0.000398	0.00100
Trichlorofluoromethane	U		0.00120	0.00500
1,2,3-Trichloropropane	U		0.000807	0.00250
1,2,3-Trimethylbenzene	U		0.000321	0.00100
1,2,4-Trimethylbenzene	U		0.000373	0.00100
1,3,5-Trimethylbenzene	U		0.000387	0.00100
Vinyl chloride	U		0.000259	0.00100
Xylenes, Total	U		0.00106	0.00300
(S) Toluene-d8	*114*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*105*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518071-1 04/09/20 20:57 • (LCSD) R3518071-2 04/09/20 21:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0237	0.0248	94.8	99.2	19.0-160			4.54	27
Acrolein	0.0250	0.0148	0.0155	59.2	62.0	10.0-160			4.62	26
Acrylonitrile	0.0250	0.0240	0.0243	96.0	97.2	55.0-149			1.24	20
Benzene	0.00500	0.00483	0.00462	96.6	92.4	70.0-123			4.44	20
Bromobenzene	0.00500	0.00521	0.00531	104	106	73.0-121			1.90	20
Bromodichloromethane	0.00500	0.00460	0.00454	92.0	90.8	75.0-120			1.31	20
Bromoform	0.00500	0.00454	0.00446	90.8	89.2	68.0-132			1.78	20
Bromomethane	0.00500	0.00340	0.00322	68.0	64.4	10.0-160			5.44	25
1,3-Butadiene	0.00500	0.00517	0.00502	103	100	45.0-147			2.94	20
n-Butylbenzene	0.00500	0.00464	0.00494	92.8	98.8	73.0-125			6.26	20
sec-Butylbenzene	0.00500	0.00503	0.00524	101	105	75.0-125			4.09	20
tert-Butylbenzene	0.00500	0.00508	0.00520	102	104	76.0-124			2.33	20
Carbon disulfide	0.00500	0.00479	0.00480	95.8	96.0	61.0-128			0.209	20
Carbon tetrachloride	0.00500	0.00492	0.00483	98.4	96.6	68.0-126			1.85	20
Chlorobenzene	0.00500	0.00530	0.00515	106	103	80.0-121			2.87	20
Chlorodibromomethane	0.00500	0.00498	0.00471	99.6	94.2	77.0-125			5.57	20
Chloroethane	0.00500	0.00520	0.00520	104	104	47.0-150			0.000	20
Chloroform	0.00500	0.00471	0.00480	94.2	96.0	73.0-120			1.89	20
Chloromethane	0.00500	0.00425	0.00438	85.0	87.6	41.0-142			3.01	20
2-Chlorotoluene	0.00500	0.00521	0.00545	104	109	76.0-123			4.50	20
4-Chlorotoluene	0.00500	0.00502	0.00512	100	102	75.0-122			1.97	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00470	0.00465	94.0	93.0	58.0-134			1.07	20
1,2-Dibromoethane	0.00500	0.00520	0.00523	104	105	80.0-122			0.575	20
Dibromomethane	0.00500	0.00493	0.00481	98.6	96.2	80.0-120			2.46	20
1,2-Dichlorobenzene	0.00500	0.00535	0.00549	107	110	79.0-121			2.58	20
1,3-Dichlorobenzene	0.00500	0.00440	0.00445	88.0	89.0	79.0-120			1.13	20
1,4-Dichlorobenzene	0.00500	0.00503	0.00574	101	115	79.0-120			13.2	20
Dichlorodifluoromethane	0.00500	0.00552	0.00548	110	110	51.0-149			0.727	20
1,1-Dichloroethane	0.00500	0.00519	0.00510	104	102	70.0-126			1.75	20
1,2-Dichloroethane	0.00500	0.00500	0.00511	100	102	70.0-128			2.18	20
1,1-Dichloroethene	0.00500	0.00484	0.00489	96.8	97.8	71.0-124			1.03	20
cis-1,2-Dichloroethene	0.00500	0.00479	0.00502	95.8	100	73.0-120			4.69	20
trans-1,2-Dichloroethene	0.00500	0.00490	0.00487	98.0	97.4	73.0-120			0.614	20
1,2-Dichloropropane	0.00500	0.00515	0.00489	103	97.8	77.0-125			5.18	20
1,1-Dichloropropene	0.00500	0.00521	0.00506	104	101	74.0-126			2.92	20
1,3-Dichloropropane	0.00500	0.00555	0.00555	111	111	80.0-120			0.000	20
cis-1,3-Dichloropropene	0.00500	0.00468	0.00463	93.6	92.6	80.0-123			1.07	20
trans-1,3-Dichloropropene	0.00500	0.00451	0.00448	90.2	89.6	78.0-124			0.667	20
2,2-Dichloropropane	0.00500	0.00455	0.00461	91.0	92.2	58.0-130			1.31	20
Cyclohexane	0.00500	0.00515	0.00530	103	106	71.0-124			2.87	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518071-1 04/09/20 20:57 • (LCSD) R3518071-2 04/09/20 21:17

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	0.00500	0.00520	0.00532	104	106	74.0-126			2.28	20
Di-isopropyl ether	0.00500	0.00496	0.00497	99.2	99.4	58.0-138			0.201	20
Ethylbenzene	0.00500	0.00516	0.00529	103	106	79.0-123			2.49	20
4-Ethyltoluene	0.00500	0.00447	0.00455	89.4	91.0	74.0-127			1.77	20
Hexachloro-1,3-butadiene	0.00500	0.00517	0.00501	103	100	54.0-138			3.14	20
n-Hexane	0.00500	0.00532	0.00536	106	107	57.0-133			0.749	20
Isopropylbenzene	0.00500	0.00495	0.00519	99.0	104	76.0-127			4.73	20
p-Isopropyltoluene	0.00500	0.00493	0.00514	98.6	103	76.0-125			4.17	20
2-Butanone (MEK)	0.0250	0.0263	0.0239	105	95.6	44.0-160			9.56	20
Methylene Chloride	0.00500	0.00510	0.00522	102	104	67.0-120			2.33	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0271	0.0277	108	111	68.0-142			2.19	20
Methyl tert-butyl ether	0.00500	0.00493	0.00481	98.6	96.2	68.0-125			2.46	20
Naphthalene	0.00500	0.00492	0.00532	98.4	106	54.0-135			7.81	20
Propene	0.00500	0.00450	0.00455	90.0	91.0	10.0-160			1.10	20
n-Propylbenzene	0.00500	0.00507	0.00534	101	107	77.0-124			5.19	20
Styrene	0.00500	0.00497	0.00504	99.4	101	73.0-130			1.40	20
1,1,1,2-Tetrachloroethane	0.00500	0.00486	0.00499	97.2	99.8	75.0-125			2.64	20
1,1,2,2-Tetrachloroethane	0.00500	0.00497	0.00512	99.4	102	65.0-130			2.97	20
Tetrachloroethene	0.00500	0.00555	0.00594	111	119	72.0-132			6.79	20
Toluene	0.00500	0.00516	0.00523	103	105	79.0-120			1.35	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00542	0.00552	108	110	69.0-132			1.83	20
1,2,3-Trichlorobenzene	0.00500	0.00535	0.00535	107	107	50.0-138			0.000	20
1,2,4-Trichlorobenzene	0.00500	0.00518	0.00549	104	110	57.0-137			5.81	20
1,1,1-Trichloroethane	0.00500	0.00497	0.00481	99.4	96.2	73.0-124			3.27	20
1,1,2-Trichloroethane	0.00500	0.00535	0.00555	107	111	80.0-120			3.67	20
Trichloroethene	0.00500	0.00530	0.00557	106	111	78.0-124			4.97	20
Trichlorofluoromethane	0.00500	0.00577	0.00535	115	107	59.0-147			7.55	20
1,2,3-Trichloropropane	0.00500	0.00583	0.00580	117	116	73.0-130			0.516	20
1,2,3-Trimethylbenzene	0.00500	0.00544	0.00520	109	104	77.0-120			4.51	20
1,2,4-Trimethylbenzene	0.00500	0.00493	0.00507	98.6	101	76.0-121			2.80	20
Methyl Cyclohexane	0.00500	0.00462	0.00497	92.4	99.4	68.0-126			7.30	20
1,3,5-Trimethylbenzene	0.00500	0.00526	0.00532	105	106	76.0-122			1.13	20
Vinyl chloride	0.00500	0.00535	0.00534	107	107	67.0-131			0.187	20
Xylenes, Total	0.0150	0.0157	0.0155	105	103	79.0-123			1.28	20
(S) Toluene-d8				*107*	*106*	*80.0-120*				
(S) 4-Bromofluorobenzene				*93.1*	*91.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R3517751-3 04/10/20 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.343	0.625
Acrylonitrile	U		0.0475	0.313
Benzene	U		0.0100	0.0250
Bromobenzene	U		0.0263	0.313
Bromodichloromethane	U		0.0197	0.0625
Bromoform	U		0.150	0.625
Bromomethane	U		0.0925	0.313
1,3-Butadiene	U		0.211	0.625
n-Butylbenzene	U		0.0960	0.313
sec-Butylbenzene	U		0.0633	0.313
tert-Butylbenzene	U		0.0388	0.125
Carbon disulfide	U		0.102	0.313
Carbon tetrachloride	U		0.0270	0.125
Chlorobenzene	U		0.0143	0.0625
Chlorodibromomethane	U		0.0113	0.0625
Chloroethane	U		0.0270	0.125
Chloroform	U	E4	0.0104	0.0625
Chloromethane	U		0.0348	0.313
Cyclohexane	U		0.0127	0.0625
2-Chlorotoluene	U		0.0230	0.0625
4-Chlorotoluene	U		0.0283	0.125
1,2-Dibromo-3-Chloropropane	U		0.128	0.625
1,2-Dibromoethane	U		0.0131	0.0625
Dibromomethane	U		0.0250	0.125
1,2-Dichlorobenzene	U		0.0363	0.125
1,3-Dichlorobenzene	U		0.0425	0.125
1,4-Dichlorobenzene	U		0.0493	0.125
Dichlorodifluoromethane	U		0.0205	0.0625
1,1-Dichloroethane	U		0.0144	0.0625
1,2-Dichloroethane	U		0.0119	0.0625
1,1-Dichloroethene	U		0.0125	0.0625
cis-1,2-Dichloroethene	U		0.0173	0.0625
trans-1,2-Dichloroethene	U		0.0358	0.125
1,2-Dichloropropane	U		0.0318	0.125
1,1-Dichloropropene	U		0.0175	0.0625
1,3-Dichloropropane	U		0.0438	0.125
cis-1,3-Dichloropropene	U		0.0170	0.0625
trans-1,3-Dichloropropene	U		0.0383	0.125
2,2-Dichloropropane	U		0.0198	0.0625
Dicyclopentadiene	U		0.0910	0.313

Method Blank (MB)

(MB) R3517751-3 04/10/20 10:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.00875	0.0250
Ethylbenzene	U		0.0133	0.0625
4-Ethyltoluene	U		0.0268	0.125
Hexachloro-1,3-butadiene	U		0.318	0.625
n-Hexane	U		0.0265	0.125
Isopropylbenzene	U		0.0216	0.0625
p-Isopropyltoluene	U	E4	0.0583	0.125
2-Butanone (MEK)	U	E4	0.313	0.625
Methyl Cyclohexane	U		0.0258	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.250	0.625
Methyl tert-butyl ether	U		0.00738	0.0250
Naphthalene	U		0.0780	0.313
Propene	U		0.523	1.25
n-Propylbenzene	U		0.0295	0.125
Styrene	U		0.0683	0.313
1,1,1,2-Tetrachloroethane	U		0.0125	0.0625
1,1,2,2-Tetrachloroethane	U		0.00975	0.0625
Tetrachloroethene	U		0.0175	0.0625
Toluene	U		0.0313	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0169	0.0625
1,2,3-Trichlorobenzene	U		0.0156	0.313
1,2,4-Trichlorobenzene	U		0.121	0.313
1,1,1-Trichloroethane	U		0.00688	0.0625
1,1,2-Trichloroethane	U		0.0221	0.0625
Trichloroethene	U		0.0100	0.0250
Trichlorofluoromethane	U		0.0125	0.0625
1,2,3-Trichloropropane	U		0.128	0.313
1,2,3-Trimethylbenzene	U		0.0288	0.125
1,2,4-Trimethylbenzene	U	E4	0.0290	0.125
1,3,5-Trimethylbenzene	U		0.0270	0.125
Vinyl chloride	U		0.0171	0.0625
Xylenes, Total	U		0.120	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*95.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517751-1 04/10/20 09:13 • (LCSD) R3517751-2 04/10/20 09:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.913	0.878	146	140	10.0-160			3.91	31
Acrylonitrile	0.625	0.692	0.700	111	112	45.0-153			1.15	22
Benzene	0.125	0.127	0.122	102	97.6	70.0-123			4.02	20
Bromobenzene	0.125	0.131	0.137	105	110	73.0-121			4.48	20
Bromodichloromethane	0.125	0.119	0.116	95.2	92.8	73.0-121			2.55	20
Bromoform	0.125	0.143	0.148	114	118	64.0-132			3.44	20
Bromomethane	0.125	0.119	0.111	95.2	88.8	56.0-147			6.96	20
1,3-Butadiene	0.125	0.153	0.146	122	117	32.0-150			4.68	20
n-Butylbenzene	0.125	0.117	0.121	93.6	96.8	68.0-135			3.36	20
sec-Butylbenzene	0.125	0.109	0.115	87.2	92.0	74.0-130			5.36	20
tert-Butylbenzene	0.125	0.109	0.117	87.2	93.6	75.0-127			7.08	20
Carbon disulfide	0.125	0.132	0.124	106	99.2	56.0-133			6.25	20
Carbon tetrachloride	0.125	0.121	0.116	96.8	92.8	66.0-128			4.22	20
Chlorobenzene	0.125	0.130	0.130	104	104	76.0-128			0.000	20
Chlorodibromomethane	0.125	0.122	0.125	97.6	100	74.0-127			2.43	20
Chloroethane	0.125	0.113	0.111	90.4	88.8	61.0-134			1.79	20
Chloroform	0.125	0.131	0.123	105	98.4	72.0-123			6.30	20
Chloromethane	0.125	0.131	0.124	105	99.2	51.0-138			5.49	20
Cyclohexane	0.125	0.122	0.113	97.6	90.4	70.0-130			7.66	20
2-Chlorotoluene	0.125	0.112	0.115	89.6	92.0	75.0-124			2.64	20
4-Chlorotoluene	0.125	0.112	0.117	89.6	93.6	75.0-124			4.37	20
1,2-Dibromo-3-Chloropropane	0.125	0.129	0.137	103	110	59.0-130			6.02	20
1,2-Dibromoethane	0.125	0.145	0.146	116	117	74.0-128			0.687	20
Dibromomethane	0.125	0.127	0.132	102	106	75.0-122			3.86	20
1,2-Dichlorobenzene	0.125	0.122	0.131	97.6	105	76.0-124			7.11	20
1,3-Dichlorobenzene	0.125	0.120	0.127	96.0	102	76.0-125			5.67	20
1,4-Dichlorobenzene	0.125	0.125	0.134	100	107	77.0-121			6.95	20
Dichlorodifluoromethane	0.125	0.0980	0.0898	78.4	71.8	43.0-156			8.73	20
1,1-Dichloroethane	0.125	0.134	0.128	107	102	70.0-127			4.58	20
1,2-Dichloroethane	0.125	0.108	0.107	86.4	85.6	65.0-131			0.930	20
1,1-Dichloroethene	0.125	0.126	0.118	101	94.4	65.0-131			6.56	20
cis-1,2-Dichloroethene	0.125	0.135	0.126	108	101	73.0-125			6.90	20
trans-1,2-Dichloroethene	0.125	0.136	0.124	109	99.2	71.0-125			9.23	20
1,2-Dichloropropane	0.125	0.124	0.125	99.2	100	74.0-125			0.803	20
1,1-Dichloropropene	0.125	0.120	0.119	96.0	95.2	73.0-125			0.837	20
1,3-Dichloropropane	0.125	0.136	0.138	109	110	80.0-125			1.46	20
cis-1,3-Dichloropropene	0.125	0.117	0.114	93.6	91.2	76.0-127			2.60	20
trans-1,3-Dichloropropene	0.125	0.116	0.122	92.8	97.6	73.0-127			5.04	20
2,2-Dichloropropane	0.125	0.126	0.124	101	99.2	59.0-135			1.60	20
Dicyclopentadiene	0.125	0.127	0.134	102	107	71.0-132			5.36	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517751-1 04/10/20 09:13 • (LCSD) R3517751-2 04/10/20 09:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.132	0.127	106	102	60.0-136			3.86	20
Ethylbenzene	0.125	0.119	0.120	95.2	96.0	74.0-126			0.837	20
4-Ethyltoluene	0.125	0.116	0.121	92.8	96.8	71.0-129			4.22	20
Hexachloro-1,3-butadiene	0.125	0.157	0.175	126	140	57.0-150			10.8	20
n-Hexane	0.125	0.122	0.122	97.6	97.6	55.0-137			0.000	20
Isopropylbenzene	0.125	0.134	0.133	107	106	72.0-127			0.749	20
p-Isopropyltoluene	0.125	0.110	0.118	88.0	94.4	72.0-133			7.02	20
2-Butanone (MEK)	0.625	0.646	0.649	103	104	30.0-160			0.463	24
Methyl Cyclohexane	0.125	0.128	0.121	102	96.8	67.0-129			5.62	20
Methylene Chloride	0.125	0.139	0.129	111	103	68.0-123			7.46	20
4-Methyl-2-pentanone (MIBK)	0.625	0.677	0.700	108	112	56.0-143			3.34	20
Methyl tert-butyl ether	0.125	0.140	0.135	112	108	66.0-132			3.64	20
Naphthalene	0.125	0.121	0.134	96.8	107	59.0-130			10.2	20
Propene	0.125	0.216	0.198	173	158	10.0-160	L1		8.70	20
n-Propylbenzene	0.125	0.121	0.129	96.8	103	74.0-126			6.40	20
Styrene	0.125	0.124	0.126	99.2	101	72.0-127			1.60	20
1,1,1,2-Tetrachloroethane	0.125	0.148	0.146	118	117	74.0-129			1.36	20
1,1,2,2-Tetrachloroethane	0.125	0.107	0.115	85.6	92.0	68.0-128			7.21	20
Tetrachloroethene	0.125	0.153	0.149	122	119	70.0-136			2.65	20
Toluene	0.125	0.126	0.133	101	106	75.0-121			5.41	20
1,1,2-Trichlorotrifluoroethane	0.125	0.120	0.116	96.0	92.8	61.0-139			3.39	20
1,2,3-Trichlorobenzene	0.125	0.123	0.145	98.4	116	59.0-139			16.4	20
1,2,4-Trichlorobenzene	0.125	0.145	0.164	116	131	62.0-137			12.3	20
1,1,1-Trichloroethane	0.125	0.123	0.116	98.4	92.8	69.0-126			5.86	20
1,1,2-Trichloroethane	0.125	0.123	0.129	98.4	103	78.0-123			4.76	20
Trichloroethene	0.125	0.147	0.146	118	117	76.0-126			0.683	20
Trichlorofluoromethane	0.125	0.113	0.106	90.4	84.8	61.0-142			6.39	20
1,2,3-Trichloropropane	0.125	0.123	0.131	98.4	105	67.0-129			6.30	20
1,2,3-Trimethylbenzene	0.125	0.131	0.138	105	110	74.0-124			5.20	20
1,2,4-Trimethylbenzene	0.125	0.116	0.123	92.8	98.4	70.0-126			5.86	20
1,3,5-Trimethylbenzene	0.125	0.120	0.127	96.0	102	73.0-127			5.67	20
Vinyl chloride	0.125	0.122	0.115	97.6	92.0	63.0-134			5.91	20
Xylenes, Total	0.375	0.363	0.363	96.8	96.8	72.0-127			0.000	20
(S) Toluene-d8				*99.4*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*104*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*98.6*	*98.7*	*70.0-130*				

Method Blank (MB)

(MB) R3518851-3 04/10/20 22:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3518851-3 04/10/20 22:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*98.1*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*91.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518851-1 04/10/20 21:03 • (LCSD) R3518851-2 04/10/20 21:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	1.22	1.08	195	173	10.0-160	L1	L1	12.2	31
Acrylonitrile	0.625	0.785	0.772	126	124	45.0-153			1.67	22
Benzene	0.125	0.123	0.123	98.4	98.4	70.0-123			0.000	20
Bromobenzene	0.125	0.123	0.130	98.4	104	73.0-121			5.53	20
Bromodichloromethane	0.125	0.117	0.118	93.6	94.4	73.0-121			0.851	20
Bromoform	0.125	0.141	0.145	113	116	64.0-132			2.80	20
Bromomethane	0.125	0.118	0.122	94.4	97.6	56.0-147			3.33	20
1,3-Butadiene	0.125	0.149	0.149	119	119	32.0-150			0.000	20
n-Butylbenzene	0.125	0.111	0.115	88.8	92.0	68.0-135			3.54	20
sec-Butylbenzene	0.125	0.106	0.110	84.8	88.0	74.0-130			3.70	20
tert-Butylbenzene	0.125	0.108	0.114	86.4	91.2	75.0-127			5.41	20
Carbon disulfide	0.125	0.129	0.128	103	102	56.0-133			0.778	20
Carbon tetrachloride	0.125	0.117	0.118	93.6	94.4	66.0-128			0.851	20
Chlorobenzene	0.125	0.126	0.128	101	102	76.0-128			1.57	20
Chlorodibromomethane	0.125	0.124	0.126	99.2	101	74.0-127			1.60	20
Chloroethane	0.125	0.119	0.118	95.2	94.4	61.0-134			0.844	20
Chloroform	0.125	0.128	0.132	102	106	72.0-123			3.08	20
Chloromethane	0.125	0.138	0.141	110	113	51.0-138			2.15	20
Cyclohexane	0.125	0.123	0.124	98.4	99.2	70.0-130			0.810	20
2-Chlorotoluene	0.125	0.109	0.111	87.2	88.8	75.0-124			1.82	20
4-Chlorotoluene	0.125	0.108	0.108	86.4	86.4	75.0-124			0.000	20
1,2-Dibromo-3-Chloropropane	0.125	0.127	0.121	102	96.8	59.0-130			4.84	20
1,2-Dibromoethane	0.125	0.142	0.146	114	117	74.0-128			2.78	20
Dibromomethane	0.125	0.135	0.135	108	108	75.0-122			0.000	20
1,2-Dichlorobenzene	0.125	0.120	0.120	96.0	96.0	76.0-124			0.000	20
1,3-Dichlorobenzene	0.125	0.114	0.119	91.2	95.2	76.0-125			4.29	20
1,4-Dichlorobenzene	0.125	0.121	0.123	96.8	98.4	77.0-121			1.64	20
Dichlorodifluoromethane	0.125	0.113	0.118	90.4	94.4	43.0-156			4.33	20
1,1-Dichloroethane	0.125	0.136	0.137	109	110	70.0-127			0.733	20
1,2-Dichloroethane	0.125	0.111	0.111	88.8	88.8	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.120	0.124	96.0	99.2	65.0-131			3.28	20
cis-1,2-Dichloroethene	0.125	0.132	0.130	106	104	73.0-125			1.53	20
trans-1,2-Dichloroethene	0.125	0.130	0.131	104	105	71.0-125			0.766	20
1,2-Dichloropropane	0.125	0.122	0.123	97.6	98.4	74.0-125			0.816	20
1,1-Dichloropropene	0.125	0.120	0.120	96.0	96.0	73.0-125			0.000	20
1,3-Dichloropropane	0.125	0.135	0.134	108	107	80.0-125			0.743	20
cis-1,3-Dichloropropene	0.125	0.115	0.111	92.0	88.8	76.0-127			3.54	20
trans-1,3-Dichloropropene	0.125	0.116	0.117	92.8	93.6	73.0-127			0.858	20
2,2-Dichloropropane	0.125	0.125	0.124	100	99.2	59.0-135			0.803	20
Dicyclopentadiene	0.125	0.124	0.128	99.2	102	71.0-132			3.17	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518851-1 04/10/20 21:03 • (LCSD) R3518851-2 04/10/20 21:22

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.129	0.127	103	102	60.0-136			1.56	20
Ethylbenzene	0.125	0.116	0.114	92.8	91.2	74.0-126			1.74	20
4-Ethyltoluene	0.125	0.111	0.114	88.8	91.2	71.0-129			2.67	20
Hexachloro-1,3-butadiene	0.125	0.142	0.143	114	114	57.0-150			0.702	20
n-Hexane	0.125	0.134	0.131	107	105	55.0-137			2.26	20
Isopropylbenzene	0.125	0.134	0.136	107	109	72.0-127			1.48	20
p-Isopropyltoluene	0.125	0.105	0.111	84.0	88.8	72.0-133			5.56	20
2-Butanone (MEK)	0.625	0.707	0.691	113	111	30.0-160			2.29	24
Methyl Cyclohexane	0.125	0.129	0.126	103	101	67.0-129			2.35	20
Methylene Chloride	0.125	0.144	0.144	115	115	68.0-123			0.000	20
4-Methyl-2-pentanone (MIBK)	0.625	0.692	0.696	111	111	56.0-143			0.576	20
Methyl tert-butyl ether	0.125	0.138	0.143	110	114	66.0-132			3.56	20
Naphthalene	0.125	0.107	0.110	85.6	88.0	59.0-130			2.76	20
Propene	0.125	0.186	0.187	149	150	10.0-160			0.536	20
n-Propylbenzene	0.125	0.118	0.122	94.4	97.6	74.0-126			3.33	20
Styrene	0.125	0.124	0.124	99.2	99.2	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.147	0.147	118	118	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.104	0.108	83.2	86.4	68.0-128			3.77	20
Tetrachloroethene	0.125	0.148	0.148	118	118	70.0-136			0.000	20
Toluene	0.125	0.131	0.130	105	104	75.0-121			0.766	20
1,1,2-Trichlorotrifluoroethane	0.125	0.125	0.127	100	102	61.0-139			1.59	20
1,2,3-Trichlorobenzene	0.125	0.111	0.116	88.8	92.8	59.0-139			4.41	20
1,2,4-Trichlorobenzene	0.125	0.129	0.126	103	101	62.0-137			2.35	20
1,1,1-Trichloroethane	0.125	0.119	0.122	95.2	97.6	69.0-126			2.49	20
1,1,2-Trichloroethane	0.125	0.122	0.122	97.6	97.6	78.0-123			0.000	20
Trichloroethene	0.125	0.140	0.145	112	116	76.0-126			3.51	20
Trichlorofluoromethane	0.125	0.119	0.122	95.2	97.6	61.0-142			2.49	20
1,2,3-Trichloropropane	0.125	0.117	0.129	93.6	103	67.0-129			9.76	20
1,2,3-Trimethylbenzene	0.125	0.128	0.130	102	104	74.0-124			1.55	20
1,2,4-Trimethylbenzene	0.125	0.111	0.115	88.8	92.0	70.0-126			3.54	20
1,3,5-Trimethylbenzene	0.125	0.116	0.122	92.8	97.6	73.0-127			5.04	20
Vinyl chloride	0.125	0.126	0.126	101	101	63.0-134			0.000	20
Xylenes, Total	0.375	0.359	0.362	95.7	96.5	72.0-127			0.832	20
(S) Toluene-d8				*101*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*104*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*102*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R3517858-1 04/12/20 14:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*95.3*		*10.0-135*	
(S) Tetrachloro-m-xylene	*99.5*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3517858-2 04/12/20 14:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.166	99.4	37.0-145	
PCB 1016	0.167	0.166	99.4	36.0-141	
(S) Decachlorobiphenyl			*98.9*	*10.0-135*	
(S) Tetrachloro-m-xylene			*97.4*	*10.0-139*	

L1207908-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207908-03 04/12/20 14:26 • (MS) R3517858-3 04/12/20 14:38 • (MSD) R3517858-4 04/12/20 14:51

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.223	ND	0.227	0.199	102	89.2	1	10.0-160			13.2	38
PCB 1016	0.223	ND	0.253	0.217	113	97.0	1	10.0-160			15.4	37
(S) Decachlorobiphenyl					*94.1*	*77.2*		*10.0-135*				
(S) Tetrachloro-m-xylene					*93.1*	*78.2*		*10.0-139*				

L1206932-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206932-01 04/13/20 01:29 • (MS) R3517858-5 04/13/20 01:41 • (MSD) R3517858-6 04/13/20 01:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.183	U	0.251	0.260	137	142	1	10.0-160			3.43	38
PCB 1016	0.183	U	0.237	0.244	129	134	1	10.0-160			3.19	37

L1206932-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206932-01 04/13/20 01:29 • (MS) R3517858-5 04/13/20 01:41 • (MSD) R3517858-6 04/13/20 01:54

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
(S) Decachlorobiphenyl					*109*	*115*		*10.0-135*				
(S) Tetrachloro-m-xylene					*109*	*104*		*10.0-139*				

Method Blank (MB)

(MB) R3518473-1 04/14/20 12:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*117*			*10.0-135*
(S) Tetrachloro-m-xylene	*99.2*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3518473-2 04/14/20 13:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.130	77.8	37.0-145	
PCB 1016	0.167	0.128	76.6	36.0-141	
(S) Decachlorobiphenyl			*109*	*10.0-135*	
(S) Tetrachloro-m-xylene			*96.5*	*10.0-139*	

L1207230-22 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207230-22 04/14/20 13:41 • (MS) R3518473-3 04/14/20 13:54 • (MSD) R3518473-4 04/14/20 14:08

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.187	0.168	112	101	1	10.0-160			10.7	38
PCB 1016	0.167	ND	0.183	0.176	110	105	1	10.0-160			3.90	37
(S) Decachlorobiphenyl					*97.7*	*107*		*10.0-135*				
(S) Tetrachloro-m-xylene					*94.1*	*97.3*		*10.0-139*				

Method Blank (MB)

(MB) R3519023-1 04/15/20 13:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*86.7*		*10.0-128*	
(S) Tetrachloro-m-xylene	*87.2*		*10.0-127*	

Laboratory Control Sample (LCS)

(LCS) R3519023-2 04/15/20 13:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.00250	0.00235	94.0	42.0-131	
PCB 1016	0.00250	0.00230	92.0	36.0-135	
(S) Decachlorobiphenyl			*91.0*	*10.0-128*	
(S) Tetrachloro-m-xylene			*97.7*	*10.0-127*	

L1207276-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207276-01 04/15/20 13:48 • (MS) R3519023-3 04/15/20 14:02 • (MSD) R3519023-4 04/15/20 14:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.00250	ND	0.00216	0.00199	86.4	79.6	1	20.0-142			8.19	27
PCB 1016	0.00250	ND	0.00233	0.00238	93.2	95.2	1	11.0-160			2.12	38
(S) Decachlorobiphenyl					*82.7*	*78.5*		*10.0-128*				
(S) Tetrachloro-m-xylene					*93.1*	*93.5*		*10.0-127*				

Method Blank (MB)

(MB) R3518280-3 04/13/20 12:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	U		0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*112*			*31.0-160*
(S) 2-Fluorobiphenyl	*91.0*			*48.0-148*
(S) p-Terphenyl-d14	*108*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518280-1 04/13/20 11:25 • (LCSD) R3518280-2 04/13/20 11:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00234	0.00229	117	114	67.0-150			2.16	20
Acenaphthene	0.00200	0.00189	0.00189	94.5	94.5	65.0-138			0.000	20
Acenaphthylene	0.00200	0.00198	0.00196	99.0	98.0	66.0-140			1.02	20
Benzo(a)anthracene	0.00200	0.00211	0.00209	105	105	61.0-140			0.952	20
Benzo(a)pyrene	0.00200	0.00204	0.00201	102	100	60.0-143			1.48	20
Benzo(b)fluoranthene	0.00200	0.00201	0.00194	100	97.0	58.0-141			3.54	20
Benzo(g,h,i)perylene	0.00200	0.00210	0.00211	105	105	52.0-153			0.475	20
Benzo(k)fluoranthene	0.00200	0.00197	0.00200	98.5	100	58.0-148			1.51	20
Chrysene	0.00200	0.00211	0.00210	105	105	64.0-144			0.475	20
Dibenz(a,h)anthracene	0.00200	0.00211	0.00210	105	105	52.0-155			0.475	20
Fluoranthene	0.00200	0.00218	0.00216	109	108	69.0-153			0.922	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518280-1 04/13/20 11:25 • (LCSD) R3518280-2 04/13/20 11:48

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00195	0.00197	97.5	98.5	64.0-136			1.02	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00214	0.00215	107	108	54.0-153			0.466	20
Naphthalene	0.00200	0.00195	0.00191	97.5	95.5	61.0-137			2.07	20
Phenanthrene	0.00200	0.00213	0.00209	106	105	62.0-137			1.90	20
Pyrene	0.00200	0.00191	0.00190	95.5	95.0	60.0-142			0.525	20
1-Methylnaphthalene	0.00200	0.00221	0.00221	111	111	66.0-142			0.000	20
2-Methylnaphthalene	0.00200	0.00213	0.00210	106	105	62.0-136			1.42	20
2-Chloronaphthalene	0.00200	0.00174	0.00176	87.0	88.0	64.0-140			1.14	20
(S) Nitrobenzene-d5				*109*	*105*	*31.0-160*				
(S) 2-Fluorobiphenyl				*91.5*	*90.5*	*48.0-148*				
(S) p-Terphenyl-d14				*107*	*106*	*37.0-146*				

Method Blank (MB)

(MB) R3518644-2 04/15/20 01:09

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*79.1*			*14.0-149*
(S) 2-Fluorobiphenyl	*74.0*			*34.0-125*
(S) p-Terphenyl-d14	*87.2*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518644-1 04/15/20 00:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0561	70.1	50.0-126	
Acenaphthene	0.0800	0.0587	73.4	50.0-120	
Acenaphthylene	0.0800	0.0606	75.8	50.0-120	
Benzo(a)anthracene	0.0800	0.0597	74.6	45.0-120	
Benzo(a)pyrene	0.0800	0.0509	63.6	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0544	68.0	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0514	64.3	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0584	73.0	49.0-125	
Chrysene	0.0800	0.0597	74.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0531	66.4	47.0-125	
Fluoranthene	0.0800	0.0634	79.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518644-1 04/15/20 00:48

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0604	75.5	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0533	66.6	46.0-125	
Naphthalene	0.0800	0.0577	72.1	50.0-120	
Phenanthrene	0.0800	0.0607	75.9	47.0-120	
Pyrene	0.0800	0.0573	71.6	43.0-123	
1-Methylnaphthalene	0.0800	0.0546	68.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0521	65.1	50.0-120	
2-Chloronaphthalene	0.0800	0.0575	71.9	50.0-120	
(S) Nitrobenzene-d5			*77.2*	*14.0-149*	
(S) 2-Fluorobiphenyl			*73.6*	*34.0-125*	
(S) p-Terphenyl-d14			*86.5*	*23.0-120*	

L1207121-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207121-09 04/15/20 01:30 • (MS) R3518644-3 04/15/20 01:51 • (MSD) R3518644-4 04/15/20 02:11

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0987	U	0.0610	0.0620	61.8	62.8	1	10.0-145			1.61	30
Acenaphthene	0.0987	U	0.0628	0.0628	63.6	63.6	1	14.0-127			0.000	27
Acenaphthylene	0.0987	U	0.0662	0.0664	67.0	67.3	1	21.0-124			0.372	25
Benzo(a)anthracene	0.0987	0.00478	0.0696	0.0722	65.7	68.3	1	10.0-139			3.66	30
Benzo(a)pyrene	0.0987	0.00497	0.0623	0.0652	58.1	61.0	1	10.0-141			4.45	31
Benzo(b)fluoranthene	0.0987	0.00621	0.0621	0.0649	56.6	59.5	1	10.0-140			4.47	36
Benzo(g,h,i)perylene	0.0987	0.00704	0.0650	0.0662	58.8	59.9	1	10.0-140			1.69	33
Benzo(k)fluoranthene	0.0987	U	0.0650	0.0670	65.9	67.9	1	10.0-137			2.99	31
Chrysene	0.0987	0.00663	0.0706	0.0738	64.8	68.0	1	10.0-145			4.44	30
Dibenz(a,h)anthracene	0.0987	U	0.0559	0.0560	56.6	56.8	1	10.0-132			0.221	31
Fluoranthene	0.0987	0.00794	0.0754	0.0780	68.3	71.0	1	10.0-153			3.38	33
Fluorene	0.0987	U	0.0658	0.0662	66.6	67.0	1	11.0-130			0.561	29
Indeno(1,2,3-cd)pyrene	0.0987	0.00236	0.0580	0.0590	56.4	57.4	1	10.0-137			1.69	32
Naphthalene	0.0987	0.0876	0.159	0.199	72.5	113	1	10.0-135			22.1	27
Phenanthrene	0.0987	0.0372	0.114	0.130	78.1	93.6	1	10.0-144			12.6	31
Pyrene	0.0987	0.0102	0.0743	0.0784	64.9	69.0	1	10.0-148			5.34	35
1-Methylnaphthalene	0.0987	0.0613	0.125	0.158	64.1	97.9	1	10.0-142			23.6	28
2-Methylnaphthalene	0.0987	0.0827	0.147	0.189	65.0	108	1	10.0-137			25.0	28
2-Chloronaphthalene	0.0987	U	0.0595	0.0587	60.3	59.5	1	29.0-120			1.25	24
(S) Nitrobenzene-d5					*68.6*	*68.9*		*14.0-149*				
(S) 2-Fluorobiphenyl					*62.7*	*62.0*		*34.0-125*				
(S) p-Terphenyl-d14					*74.3*	*74.9*		*23.0-120*				

Method Blank (MB)

(MB) R3518637-2 04/14/20 21:46

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*55.2*			*14.0-149*
(S) 2-Fluorobiphenyl	*79.4*			*34.0-125*
(S) p-Terphenyl-d14	*70.7*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518637-1 04/14/20 21:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0613	76.6	50.0-126	
Acenaphthene	0.0800	0.0536	67.0	50.0-120	
Acenaphthylene	0.0800	0.0577	72.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0557	69.6	45.0-120	
Benzo(a)pyrene	0.0800	0.0444	55.5	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0478	59.8	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0467	58.4	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0469	58.6	49.0-125	
Chrysene	0.0800	0.0557	69.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0514	64.3	47.0-125	
Fluoranthene	0.0800	0.0639	79.9	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518637-1 04/14/20 21:23

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0607	75.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0494	61.8	46.0-125	
Naphthalene	0.0800	0.0481	60.1	50.0-120	
Phenanthrene	0.0800	0.0574	71.8	47.0-120	
Pyrene	0.0800	0.0469	58.6	43.0-123	
1-Methylnaphthalene	0.0800	0.0587	73.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0559	69.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0642	80.3	50.0-120	
(S) Nitrobenzene-d5			*55.9*	*14.0-149*	
(S) 2-Fluorobiphenyl			*79.4*	*34.0-125*	
(S) p-Terphenyl-d14			*70.6*	*23.0-120*	

L1207230-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207230-20 04/15/20 02:44 • (MS) R3518637-3 04/15/20 03:07 • (MSD) R3518637-4 04/15/20 03:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0634	0.0623	79.3	77.9	1	10.0-145			1.75	30
Acenaphthene	0.0800	ND	0.0552	0.0546	69.0	68.3	1	14.0-127			1.09	27
Acenaphthylene	0.0800	ND	0.0591	0.0582	73.9	72.8	1	21.0-124			1.53	25
Benzo(a)anthracene	0.0800	0.0169	0.0639	0.0620	58.8	56.4	1	10.0-139			3.02	30
Benzo(a)pyrene	0.0800	0.0196	0.0578	0.0572	47.8	47.0	1	10.0-141			1.04	31
Benzo(b)fluoranthene	0.0800	0.0306	0.0606	0.0564	37.5	32.3	1	10.0-140			7.18	36
Benzo(g,h,i)perylene	0.0800	0.0186	0.0570	0.0565	48.0	47.4	1	10.0-140			0.881	33
Benzo(k)fluoranthene	0.0800	0.00822	0.0537	0.0560	56.9	59.7	1	10.0-137			4.19	31
Chrysene	0.0800	0.0207	0.0654	0.0641	55.9	54.2	1	10.0-145			2.01	30
Dibenz(a,h)anthracene	0.0800	ND	0.0528	0.0543	66.0	67.9	1	10.0-132			2.80	31
Fluoranthene	0.0800	0.0424	0.0831	0.0801	50.9	47.1	1	10.0-153			3.68	33
Fluorene	0.0800	ND	0.0605	0.0603	75.6	75.4	1	11.0-130			0.331	29
Indeno(1,2,3-cd)pyrene	0.0800	0.0151	0.0581	0.0574	53.8	52.9	1	10.0-137			1.21	32
Naphthalene	0.0800	ND	0.0507	0.0496	63.4	62.0	1	10.0-135			2.19	27
Phenanthrene	0.0800	0.00875	0.0616	0.0602	66.1	64.3	1	10.0-144			2.30	31
Pyrene	0.0800	0.0228	0.0571	0.0548	42.9	40.0	1	10.0-148			4.11	35
1-Methylnaphthalene	0.0800	ND	0.0612	0.0609	76.5	76.1	1	10.0-142			0.491	28
2-Methylnaphthalene	0.0800	ND	0.0581	0.0578	72.6	72.3	1	10.0-137			0.518	28
2-Chloronaphthalene	0.0800	ND	0.0660	0.0647	82.5	80.9	1	29.0-120			1.99	24
(S) Nitrobenzene-d5					*54.9*	*57.6*		*14.0-149*				
(S) 2-Fluorobiphenyl					*78.2*	*80.9*		*34.0-125*				
(S) p-Terphenyl-d14					*70.0*	*71.7*		*23.0-120*				

Method Blank (MB)

(MB) R3519045-2 04/15/20 21:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*50.5*			*14.0-149*
(S) 2-Fluorobiphenyl	*74.2*			*34.0-125*
(S) p-Terphenyl-d14	*65.5*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519045-1 04/15/20 21:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0665	83.1	50.0-126	
Acenaphthene	0.0800	0.0582	72.8	50.0-120	
Acenaphthylene	0.0800	0.0612	76.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0600	75.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0458	57.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0481	60.1	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0518	64.8	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0536	67.0	49.0-125	
Chrysene	0.0800	0.0613	76.6	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0566	70.8	47.0-125	
Fluoranthene	0.0800	0.0727	90.9	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519045-1 04/15/20 21:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0650	81.3	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0554	69.3	46.0-125	
Naphthalene	0.0800	0.0516	64.5	50.0-120	
Phenanthrene	0.0800	0.0630	78.8	47.0-120	
Pyrene	0.0800	0.0506	63.3	43.0-123	
1-Methylnaphthalene	0.0800	0.0642	80.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0606	75.8	50.0-120	
2-Chloronaphthalene	0.0800	0.0692	86.5	50.0-120	
(S) Nitrobenzene-d5			*59.7*	*14.0-149*	
(S) 2-Fluorobiphenyl			*81.4*	*34.0-125*	
(S) p-Terphenyl-d14			*74.2*	*23.0-120*	

L1208688-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208688-01 04/15/20 22:23 • (MS) R3519045-3 04/15/20 22:46 • (MSD) R3519045-4 04/15/20 23:09

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0485	0.0457	60.6	57.1	1	10.0-145			5.94	30
Acenaphthene	0.0800	ND	0.0408	0.0336	51.0	42.0	1	14.0-127			19.4	27
Acenaphthylene	0.0800	ND	0.0430	0.0361	53.8	45.1	1	21.0-124			17.4	25
Benzo(a)anthracene	0.0800	ND	0.0428	0.0417	53.5	52.1	1	10.0-139			2.60	30
Benzo(a)pyrene	0.0800	ND	0.0378	0.0371	47.3	46.4	1	10.0-141			1.87	31
Benzo(b)fluoranthene	0.0800	ND	0.0356	0.0304	44.5	38.0	1	10.0-140			15.8	36
Benzo(g,h,i)perylene	0.0800	ND	0.0378	0.0362	47.3	45.3	1	10.0-140			4.32	33
Benzo(k)fluoranthene	0.0800	ND	0.0369	0.0400	46.1	50.0	1	10.0-137			8.06	31
Chrysene	0.0800	ND	0.0454	0.0471	56.8	58.9	1	10.0-145			3.68	30
Dibenz(a,h)anthracene	0.0800	ND	0.0420	0.0423	52.5	52.9	1	10.0-132			0.712	31
Fluoranthene	0.0800	ND	0.0507	0.0422	63.4	52.8	1	10.0-153			18.3	33
Fluorene	0.0800	ND	0.0456	0.0382	57.0	47.8	1	11.0-130			17.7	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0398	0.0387	49.8	48.4	1	10.0-137			2.80	32
Naphthalene	0.0800	ND	0.0371	0.0337	46.4	42.1	1	10.0-135			9.60	27
Phenanthrene	0.0800	ND	0.0442	0.0369	55.3	46.1	1	10.0-144			18.0	31
Pyrene	0.0800	ND	0.0342	0.0290	42.8	36.3	1	10.0-148			16.5	35
1-Methylnaphthalene	0.0800	ND	0.0444	0.0370	55.5	46.3	1	10.0-142			18.2	28
2-Methylnaphthalene	0.0800	ND	0.0421	0.0363	52.6	45.4	1	10.0-137			14.8	28
2-Chloronaphthalene	0.0800	ND	0.0492	0.0429	61.5	53.6	1	29.0-120			13.7	24
(S) Nitrobenzene-d5					*45.2*	*39.6*		*14.0-149*				
(S) 2-Fluorobiphenyl					*55.5*	*47.1*		*34.0-125*				
(S) p-Terphenyl-d14					*55.2*	*46.3*		*23.0-120*				

Instrument: VOCMS40 • File ID: 0410_02

04/10/20 09:13

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0410_02	1263712	500449.70	440196.40
Upper Limit		2527424	1000899	880393
Lower Limit		631856	250225	220098
LCS R3517751-1 WG1458811 1x	0410_02LCSB	1263712	500449.70	440196.40
LCSD R3517751-2 WG1458811 1x	0410_03B	1278760	491331.80	415974
BLANK R3517751-3 WG1458811 1x	0410_06B	1314059	495136.20	386665.80
L1207230-01 WG1458811 1.03x	0410_24	1400685	533569.40	393382.40
L1207230-02 WG1458811 1.06x	0410_25	1345533	520310	382454.10
L1207230-03 WG1458811 1.06x	0410_26	1361759	507332.50	378474.80
L1207230-04 WG1458811 1x	0410_27	1327711	510473.90	362161.90
L1207230-05 WG1458811 1x	0410_28	1438528	541864.20	450456.30
L1207230-06 WG1458811 1x	0410_29	1324506	488860.60	359268.30
L1207230-07 WG1458811 1x	0410_30	1401238	530804.20	438356.30
L1207230-08 WG1458811 1x	0410_31	1383628	516041.90	426680.30
L1207230-09 WG1458811 1x	0410_32	1315685	496436.60	351839.20
L1207230-10 WG1458811 1.18x	0410_33	1323209	497062.60	367780.40
L1207230-11 WG1458811 1x	0410_34	1323113	492755.30	363997.80
L1207230-12 WG1458811 1x	0410_35	1337248	508707.90	370117.70

Instrument: VOCMS40 • File ID: 0410_37

04/10/20 21:03

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0410_37	1211651	479395.60	429580.80
Upper Limit		2423302	958791	859162
Lower Limit		605826	239698	214790
LCS R3518851-1 WG1458899 1x	0410_37LCS	1211651	479395.60	429580.80
LCSD R3518851-2 WG1458899 1x	0410_38	1178506	461878.10	400956.90
BLANK R3518851-3 WG1458899 1x	0410_41	1236616	464106.90	331105.50
L1207230-13 WG1458899 1x	0410_46	1245396	467080.20	349672.10
L1207230-14 WG1458899 1x	0410_47	1264034	488689.10	335782.20
L1207230-15 WG1458899 1.06x	0410_48	1308010	482971	356987.20
L1207230-16 WG1458899 1x	0410_49	1323396	506371	423806.30
L1207230-17 WG1458899 1x	0410_50	1333976	498155.50	382941.40
L1207230-18 WG1458899 1x	0410_51	1311912	494262.60	348785.40

Instrument: VOCMS40 • File ID: 0410_37

04/10/20 21:03

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
L1207230-19 WG1458899 1x	0410_52	1313787	508586.60	382096
L1207230-20 WG1458899 1x	0410_53	1285052	490805.80	338669.90
L1207230-21 WG1458899 1.1x	0410_54	1294916	482660.20	361051.80
L1207230-22 WG1458899 1.01x	0410_55	1296098	484088.20	363948.90
L1207230-23 WG1458899 1.08x	0410_56	1265112	485946.40	332311.80
L1207230-24 WG1458899 1.05x	0410_57	1336974	504022.70	366426.20
L1207230-25 WG1458899 1x	0410_58	1315180	501153	399027.40
L1207230-26 WG1458899 1x	0410_59	1301560	487757.30	340034.90

Instrument: VOCMS7 • File ID: 0409_59

04/09/20 20:57

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_59	315838	146019	109622
Upper Limit		631676	292038	219244
Lower Limit		157919	73010	54811
L1207230-27 WG1458512 1x	0409_63	340530	149263	117504

Instrument: VOCMS7 • File ID: 0409_59-1

04/09/20 20:57

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0409_59-1	315838	146019	109622
Upper Limit		631676	292038	219244
Lower Limit		157919	73010	54811
LCS R3518071-1 WG1458512 1x	0409_59LCS	315838	146019	109622
LCSD R3518071-2 WG1458512 1x	0409_60	316575	143203	107662
BLANK R3518071-3 WG1458512 1x	0409_62	313759	134798	108694

Instrument: SVGC14 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	27178986
Upper Limit		40768480
Lower Limit		13589500
BLANK R3518473-1 WG1459538 1x	0414_06	26231160
LCS R3518473-2 WG1459538 1x	0414_07	24705930
L1207230-22 WG1459538 1x	0414_09	24911400
MS R3518473-3 WG1459538 1x	0414_10	25859540
MSD R3518473-4 WG1459538 1x	0414_11	24099980
L1207230-08 WG1459538 1x	0414_12	24375580
L1207230-09 WG1459538 1x	0414_13	24089590
L1207230-10 WG1459538 1x	0414_14	23438460
L1207230-11 WG1459538 1x	0414_15	23987400
L1207230-12 WG1459538 1x	0414_16	24632430
L1207230-13 WG1459538 1x	0414_17	25358630
L1207230-14 WG1459538 1x	0414_18	25040380
L1207230-15 WG1459538 1x	0414_19	25273490
L1207230-16 WG1459538 1x	0414_20	23268640
L1207230-17 WG1459538 1x	0414_21	25413360
L1207230-18 WG1459538 1x	0414_22	25095320
L1207230-19 WG1459538 1x	0414_23	25171940
L1207230-20 WG1459538 1x	0414_24	24596090
L1207230-21 WG1459538 1x	0414_25	25220610
L1207230-23 WG1459538 1x	0414_26	24920380
L1207230-24 WG1459538 1x	0414_27	25681770
L1207230-25 WG1459538 1x	0414_28	24584320
L1207230-26 WG1459538 1x	0414_29	24687970

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3517858-1 WG1459232 1x	0412A_05	743746400

INTERNAL STANDARD SUMMARY

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
LCS R3517858-2 WG1459232 1x	0412A_06	695398100
MS R3517858-3 WG1459232 1x	0412A_08	742155200
MSD R3517858-4 WG1459232 1x	0412A_09	748130400
MS R3517858-5 WG1459232 1x	0412A_61	622022500
MSD R3517858-6 WG1459232 1x	0412A_62	647430700
L1207230-01 WG1459232 1x	0412A_68	665870100
L1207230-02 WG1459232 1x	0412A_69	694837600
L1207230-03 WG1459232 1x	0412A_70	685282400
L1207230-04 WG1459232 1x	0412A_71	648234800
L1207230-05 WG1459232 1x	0412A_72	652154800
L1207230-06 WG1459232 1x	0412A_73	625704300
L1207230-07 WG1459232 1x	0412A_74	651893500

INTERNAL STANDARD SUMMARY

Instrument: SVGC14 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	27178986
Upper Limit		40768480
Lower Limit		13589500
BLANK R3519023-1 WG1460647 1x	0415A_05	32641680
LCS R3519023-2 WG1460647 1x	0415A_06	33251360
MS R3519023-3 WG1460647 1x	0415A_08	32963480
MSD R3519023-4 WG1460647 1x	0415A_09	33262900
L1207230-27 WG1460647 1x	0415A_10	29022100

INTERNAL STANDARD SUMMARY

Instrument: BNAMS14 • File ID: 0415_03

04/15/20 00:26

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0415_03	127529	70244	116941	117828	120993
Upper Limit		255058	140488	233882	235656	241986
Lower Limit		63765	35122	58471	58914	60497
LCS R3518644-1 WG1460444 1x	0415_04	150722	80981	135977	135334	141130
BLANK R3518644-2 WG1460444 1x	0415_05	149809	82080	133262	134480	141333
MS R3518644-3 WG1460444 1x	0415_07	151465	82612	140470	136872	144642
MSD R3518644-4 WG1460444 1x	0415_08	149384	83800	141825	136858	144643
L1207230-02 WG1460444 1x	0415_14	158176	88350	144877	143595	149591
L1207230-04 WG1460444 1x	0415_15	156027	86314	142699	140671	147069
L1207230-05 WG1460444 1x	0415_16	156754	87237	142133	141062	147531
L1207230-06 WG1460444 1x	0415_18	155559	85850	141016	139788	145222
L1207230-07 WG1460444 1x	0415_19	156121	86162	139690	139720	145373
L1207230-09 WG1460444 1x	0415_21	154262	85157	138659	137304	143429
L1207230-11 WG1460444 1x	0415_22	146849	81094	131484	130725	136490
L1207230-12 WG1460444 1x	0415_23	154023	85401	138688	137779	143173
L1207230-13 WG1460444 1x	0415_24	156800	87426	141829	141883	147039
L1207230-14 WG1460444 1x	0415_25	159537	88443	144186	141856	147210
L1207230-03 WG1460444 1x	0415_26	154482	85239	135907	126033	108494
L1207230-01 WG1460444 1x	0415_27	156656	86159	137226	131636	140947
L1207230-10 WG1460444 1x	0415_28	151977	84027	135747	124290	137922

Instrument: BNAMS18 • File ID: 0414A_03

04/14/20 20:49

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0414A_03	29165	14607	24283	26548	26960
Upper Limit		58330	29214	48566	53096	53920
Lower Limit		14583	7304	12142	13274	13480
LCS R3518637-1 WG1460445 1x	0414A_04	28534	14579	24222	26309	27115
BLANK R3518637-2 WG1460445 1x	0414A_05	28563	14316	24117	26742	27886
L1207230-15 WG1460445 1x	0414A_13	27926	14079	23320	26496	27842
L1207230-16 WG1460445 1x	0414A_14	28423	14260	23786	27150	28299
L1207230-17 WG1460445 1x	0414A_15	27191	13611	22415	25968	27239
L1207230-18 WG1460445 1x	0414A_16	28763	14447	23988	27708	28861
L1207230-19 WG1460445 1x	0414A_17	28178	14197	23045	26923	28538

INTERNAL STANDARD SUMMARY

Instrument: BNAMS18 • File ID: 0414A_03

04/14/20 20:49

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
L1207230-20 WG1460445 1x	0414A_18	27589	13739	22409	26696	27430
MS R3518637-3 WG1460445 1x	0414A_19	28552	14660	23643	26703	27796
MSD R3518637-4 WG1460445 1x	0414A_20	27742	14366	23218	26424	27232
L1207230-22 WG1460445 1x	0414A_21	26354	13205	21740	24987	26305
L1207230-23 WG1460445 1x	0414A_22	26986	13472	22408	25727	27029
L1207230-24 WG1460445 1x	0414A_23	27223	13678	22371	25884	27317
L1207230-25 WG1460445 1x	0414A_24	26799	13432	22189	25699	26984
L1207230-26 WG1460445 1x	0414A_25	27583	13867	22690	26510	27591
L1207230-21 WG1460445 1x	0414A_26	25670	12873	21107	24847	26354

Instrument: BNAMS18 • File ID: 0415A_03

04/15/20 20:51

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0415A_03	21576	11094	18332	21032	22377
Upper Limit		43152	22188	36664	42064	44754
Lower Limit		10788	5547	9166	10516	11189
LCS R3519045-1 WG1461078 1x	0415A_04	22573	11932	20100	23074	24717
BLANK R3519045-2 WG1461078 1x	0415A_05	22807	11374	19162	22906	25023
MS R3519045-3 WG1461078 1x	0415A_08	22300	11789	20032	23758	25015
MSD R3519045-4 WG1461078 1x	0415A_09	22273	11511	19562	23344	24803
L1207230-08 WG1461078 1x	0415A_11	21141	10511	17607	21577	23687

INTERNAL STANDARD SUMMARY

Instrument: BNAMS12 • File ID: 0413_05

04/13/20 10:49

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0413_05	164382	87377	151428	139293	136373
Upper Limit		328764	174754	302856	278586	272746
Lower Limit		82191	43689	75714	69647	68187
LCS R3518280-1 WG1459544 1x	0413_06	166645	88656	153202	140411	137619
LCSD R3518280-2 WG1459544 1x	0413_07	160673	84867	149488	135695	133090
BLANK R3518280-3 WG1459544 1x	0413_08	159730	85280	147356	136252	135858
L1207230-27 WG1459544 1x	0413_09	156877	83429	146289	134593	132366

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
M3	The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to the spike level. The associated blank spike recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes detected in the sample.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

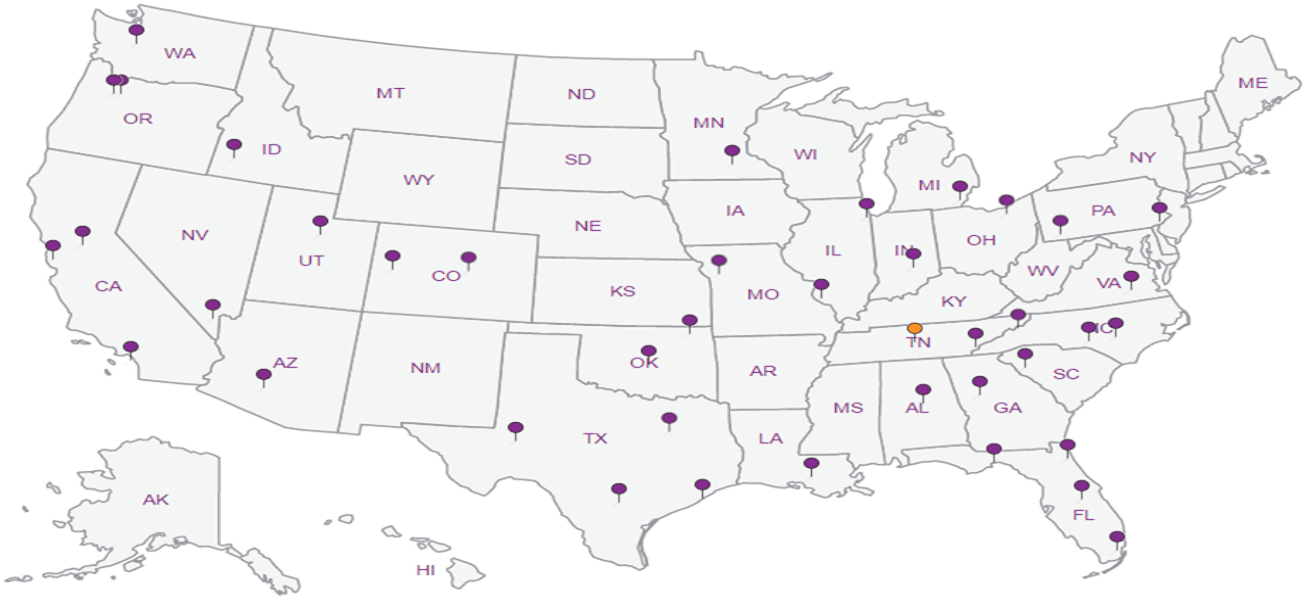
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: briana.li-vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1207230

Table # **E164**

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-6-S	Grab	SS	0	4/8/2020	0905	2	X	X	X	X		-01
SS-6-5			5		1045		X	X	X	X		-02
SS-6-10			10		1050		X	X	X	X		-03
SS-6-15			15		1055		X	X	X	X		-04
SS-6-20			20		1135		X	X	X	X		-05
SS-6-25			25		1140		X	X	X	X		-06
SS-6-30			30		1145		X	X	X	X		-07
SS-6-35			35		1150		X	X	X	X		-08
SS-6-40			40		1200		X	X	X	X		-09
SS-7-S			0		1225		X	X	X	X		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1676 2753 8779

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: ✓Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/8/20	1200		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.7 °C .5±0=.5 Bottles Received: 59
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Billy Barnes	Date: 4/9/20 Time: 0845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L # L207230

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote # **00074879**

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-7-5	Grab	SS	5	4/8/20	1235	2	X	X	X	X		-11
SS-7-10			10		1240		X	X	X	X		-12
SS-7-15			15		1245		X	X	X	X		-13
SS-7-25			25		1255		X	X	X	X	Low recovery	-14
SS-7-30			30		1300		X	X	X	X		-15
SS-7-35			35		1310		X	X	X	X		-16
SS-7-35-DUP			35		1310		X	X	X	X		-17
SS-7-40			40		1315		X	X	X	X		-18
SS-8-5			0		1340		X	X	X	X		-19
SS-8-5			5		1350		X	X	X	X		-20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1676 2753 8779

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL / MeOH TBR	
B Li-Vidal	4/8/20	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 9±0=.5 °C (AZ) Bottles Received: 59	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4/9/20 Time: 0845	Hold: / Condition: NCF / OK
			Billy Banas		

Chain of Custody Page 3 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Analysis / Container / Preservative

L# 4207230

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-8-10	Grab	SS	10	4/8/20	1355	2	X	X	X	X		-21
SS-8-15			15		1400		X	X	X	X		-22
SS-8-20			20		1405		X	X	X	X		-23
SS-8-25			25		1410		X	X	X	X		-24
SS-8-35			35		1420		X	X	X	X		-25
SS-8-40			40		1430		X	X	X	X		-26

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier ____

Tracking # 1676 2753 8779

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
B Li-Vidal	4/8/20	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.5±0.5 °C Bottles Received: 59
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Billy Barras	Date: 4/9/20 Time: 0845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Email To: Briana.Li-Vidal@terracon.com

Report to: Briana Li-Vidal

City/State Collected: Tucson, AZ

Project Description: Former Flint Oil Property LSI

Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

Site/Facility ID #

P.O. #

Collected by (print): B. Li-Vidal

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

Analysis / Container / Preservative

<2

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / HCl	PAH 8270SIM / 40ml amber / NoPres	RCRA8 Metals / 250ml HDPE / HNO3	PCB / 100ml amber / NoPres	Remarks	Sample # (lab only)
EB-3	Grab	WW	—	4/8/20	1350	7	X	X	X	X		-27

Chain of Custody Page 4 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L207270

Table #

Acctnum: TERRTUAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1676 2753 8779

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/8/20	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.7 °C .5+0=.5 Bottles Received: 59
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) Billy Barnes	Date: 4/9/20 Time: 0845

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

April 16, 2020

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Terracon - Tucson, AZ

Sample Delivery Group:	L1207305
Samples Received:	04/09/2020
Project Number:	63207052
Description:	Former Flint Oil Property LSI
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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SG-5-20 L1207305-01 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/07/20 15:45	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1458663	1	04/10/20 13:30	04/10/20 13:30	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459253	10	04/11/20 17:46	04/11/20 17:46	CAW	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459506	20	04/12/20 12:08	04/12/20 12:08	MBF	Mt. Juliet, TN

SG-6-5 L1207305-02 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 10:30	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1458663	1	04/10/20 14:18	04/10/20 14:18	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459253	10	04/11/20 18:22	04/11/20 18:22	CAW	Mt. Juliet, TN

SG-6-5-DUP L1207305-03 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 10:30	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1458663	1	04/10/20 15:07	04/10/20 15:07	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459253	10	04/11/20 18:58	04/11/20 18:58	CAW	Mt. Juliet, TN

SG-6-20 L1207305-04 Air

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/08/20 11:25	04/09/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (MS) by Method TO-15	WG1458663	1	04/10/20 15:55	04/10/20 15:55	DAH	Mt. Juliet, TN
Volatile Organic Compounds (MS) by Method TO-15	WG1459253	10	04/11/20 19:34	04/11/20 19:34	CAW	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	12.5	29.7	195	463		10	WG1459253
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1458663
Benzene	71-43-2	78.10	0.200	0.639	1.38	4.41		1	WG1458663
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1458663
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1458663
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1458663
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1458663
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1458663
Carbon disulfide	75-15-0	76.10	0.200	0.622	0.799	2.49		1	WG1458663
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1458663
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1458663
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1458663
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1458663
Chloromethane	74-87-3	50.50	0.200	0.413	0.607	1.25		1	WG1458663
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1458663
Cyclohexane	110-82-7	84.20	0.200	0.689	ND	ND		1	WG1458663
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1458663
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1458663
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1458663
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1458663
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1458663
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1458663
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1458663
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1458663
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1458663
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1458663
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1458663
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1458663
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1458663
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1458663
Ethanol	64-17-5	46.10	6.30	11.9	188	354		10	WG1459253
Ethylbenzene	100-41-4	106	0.200	0.867	0.533	2.31		1	WG1458663
4-Ethyltoluene	622-96-8	120	0.200	0.982	1.18	5.79		1	WG1458663
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.209	1.17		1	WG1458663
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.491	2.43		1	WG1458663
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1458663
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1458663
Heptane	142-82-5	100	0.200	0.818	3.19	13.0		1	WG1458663
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1458663
n-Hexane	110-54-3	86.20	0.200	0.705	4.95	17.5		1	WG1458663
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1458663
Methylene Chloride	75-09-2	84.90	0.200	0.694	ND	ND		1	WG1458663
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	46.4	190		1	WG1458663
2-Butanone (MEK)	78-93-3	72.10	25.0	73.7	772	2280		20	WG1459506
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1458663
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1458663
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1458663
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1458663
2-Propanol	67-63-0	60.10	1.25	3.07	9.71	23.9		1	WG1458663
Propene	115-07-1	42.10	4.00	6.89	133	229		10	WG1459253
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1458663
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1458663
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1458663
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1458663
Toluene	108-88-3	92.10	0.200	0.753	2.92	11.0		1	WG1458663
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1458663

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1458663
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1458663
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1458663
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	2.15	10.6		1	WG1458663
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.580	2.85		1	WG1458663
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	0.375	1.75		1	WG1458663
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1458663
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1458663
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1458663
m&p-Xylene	1330-20-7	106	0.400	1.73	2.01	8.71		1	WG1458663
o-Xylene	95-47-6	106	0.200	0.867	0.944	4.09		1	WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*105*				WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1459253
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*93.0*				WG1459506

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	46.1	110		1	WG1458663
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1458663
Benzene	71-43-2	78.10	0.200	0.639	0.425	1.36		1	WG1458663
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1458663
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1458663
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1458663
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1458663
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1458663
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1458663
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1458663
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1458663
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1458663
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1458663
Chloromethane	74-87-3	50.50	0.200	0.413	0.886	1.83		1	WG1458663
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1458663
Cyclohexane	110-82-7	84.20	0.200	0.689	0.219	0.754		1	WG1458663
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1458663
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1458663
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1458663
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1458663
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1458663
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1458663
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1458663
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1458663
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1458663
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1458663
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1458663
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1458663
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1458663
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1458663
Ethanol	64-17-5	46.10	0.630	1.19	62.2	117		1	WG1458663
Ethylbenzene	100-41-4	106	0.200	0.867	0.450	1.95		1	WG1458663
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.471	2.31		1	WG1458663
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.234	1.31		1	WG1458663
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.525	2.60		1	WG1458663
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1458663
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1458663
Heptane	142-82-5	100	0.200	0.818	0.567	2.32		1	WG1458663
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1458663
n-Hexane	110-54-3	86.20	0.200	0.705	1.19	4.20		1	WG1458663
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1458663
Methylene Chloride	75-09-2	84.90	0.200	0.694	1.11	3.85		1	WG1458663
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	6.53	26.7		1	WG1458663
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	136	401		10	WG1459253
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1458663
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1458663
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1458663
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1458663
2-Propanol	67-63-0	60.10	1.25	3.07	5.20	12.8		1	WG1458663
Propene	115-07-1	42.10	0.400	0.689	18.4	31.7		1	WG1458663
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1458663
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1458663
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1458663
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1458663
Toluene	108-88-3	92.10	0.200	0.753	0.927	3.49		1	WG1458663
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1458663

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1458663
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1458663
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1458663
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.905	4.44		1	WG1458663
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.228	1.12		1	WG1458663
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1458663
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1458663
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1458663
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1458663
m&p-Xylene	1330-20-7	106	0.400	1.73	1.87	8.11		1	WG1458663
o-Xylene	95-47-6	106	0.200	0.867	0.647	2.80		1	WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*92.8*				WG1459253

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	44.9	107		1	WG1458663
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1458663
Benzene	71-43-2	78.10	0.200	0.639	0.570	1.82		1	WG1458663
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1458663
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1458663
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1458663
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1458663
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1458663
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1458663
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1458663
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1458663
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1458663
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1458663
Chloromethane	74-87-3	50.50	0.200	0.413	1.11	2.29		1	WG1458663
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1458663
Cyclohexane	110-82-7	84.20	0.200	0.689	0.277	0.954		1	WG1458663
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1458663
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1458663
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1458663
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1458663
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1458663
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1458663
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1458663
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1458663
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1458663
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1458663
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1458663
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1458663
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1458663
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1458663
Ethanol	64-17-5	46.10	0.630	1.19	38.4	72.4		1	WG1458663
Ethylbenzene	100-41-4	106	0.200	0.867	0.540	2.34		1	WG1458663
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.523	2.57		1	WG1458663
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.227	1.28		1	WG1458663
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.523	2.59		1	WG1458663
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1458663
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1458663
Heptane	142-82-5	100	0.200	0.818	0.683	2.79		1	WG1458663
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1458663
n-Hexane	110-54-3	86.20	0.200	0.705	1.39	4.90		1	WG1458663
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1458663
Methylene Chloride	75-09-2	84.90	0.200	0.694	0.662	2.30		1	WG1458663
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	9.31	38.1		1	WG1458663
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	164	484		10	WG1459253
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1458663
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1458663
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1458663
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1458663
2-Propanol	67-63-0	60.10	1.25	3.07	2.96	7.28		1	WG1458663
Propene	115-07-1	42.10	0.400	0.689	20.9	36.0		1	WG1458663
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1458663
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1458663
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1458663
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1458663
Toluene	108-88-3	92.10	0.200	0.753	1.39	5.24		1	WG1458663
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1458663

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1458663
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1458663
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1458663
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	0.960	4.71		1	WG1458663
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.257	1.26		1	WG1458663
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1458663
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1458663
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1458663
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1458663
m&p-Xylene	1330-20-7	106	0.400	1.73	2.28	9.88		1	WG1458663
o-Xylene	95-47-6	106	0.200	0.867	0.733	3.18		1	WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*96.1*				WG1459253

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Acetone	67-64-1	58.10	1.25	2.97	55.6	132		1	WG1458663
Allyl chloride	107-05-1	76.53	0.200	0.626	ND	ND		1	WG1458663
Benzene	71-43-2	78.10	0.200	0.639	1.99	6.36		1	WG1458663
Benzyl Chloride	100-44-7	127	0.200	1.04	ND	ND		1	WG1458663
Bromodichloromethane	75-27-4	164	0.200	1.34	ND	ND		1	WG1458663
Bromoform	75-25-2	253	0.600	6.21	ND	ND		1	WG1458663
Bromomethane	74-83-9	94.90	0.200	0.776	ND	ND		1	WG1458663
1,3-Butadiene	106-99-0	54.10	2.00	4.43	ND	ND		1	WG1458663
Carbon disulfide	75-15-0	76.10	0.200	0.622	ND	ND		1	WG1458663
Carbon tetrachloride	56-23-5	154	0.200	1.26	ND	ND		1	WG1458663
Chlorobenzene	108-90-7	113	0.200	0.924	ND	ND		1	WG1458663
Chloroethane	75-00-3	64.50	0.200	0.528	ND	ND		1	WG1458663
Chloroform	67-66-3	119	0.200	0.973	ND	ND		1	WG1458663
Chloromethane	74-87-3	50.50	0.200	0.413	0.676	1.40		1	WG1458663
2-Chlorotoluene	95-49-8	126	0.200	1.03	ND	ND		1	WG1458663
Cyclohexane	110-82-7	84.20	0.200	0.689	0.309	1.06		1	WG1458663
Dibromochloromethane	124-48-1	208	0.200	1.70	ND	ND		1	WG1458663
1,2-Dibromoethane	106-93-4	188	0.200	1.54	ND	ND		1	WG1458663
1,2-Dichlorobenzene	95-50-1	147	0.200	1.20	ND	ND		1	WG1458663
1,3-Dichlorobenzene	541-73-1	147	0.200	1.20	ND	ND		1	WG1458663
1,4-Dichlorobenzene	106-46-7	147	0.200	1.20	ND	ND		1	WG1458663
1,2-Dichloroethane	107-06-2	99	0.200	0.810	ND	ND		1	WG1458663
1,1-Dichloroethane	75-34-3	98	0.200	0.802	ND	ND		1	WG1458663
1,1-Dichloroethene	75-35-4	96.90	0.200	0.793	ND	ND		1	WG1458663
cis-1,2-Dichloroethene	156-59-2	96.90	0.200	0.793	ND	ND		1	WG1458663
trans-1,2-Dichloroethene	156-60-5	96.90	0.200	0.793	ND	ND		1	WG1458663
1,2-Dichloropropane	78-87-5	113	0.200	0.924	ND	ND		1	WG1458663
cis-1,3-Dichloropropene	10061-01-5	111	0.200	0.908	ND	ND		1	WG1458663
trans-1,3-Dichloropropene	10061-02-6	111	0.200	0.908	ND	ND		1	WG1458663
1,4-Dioxane	123-91-1	88.10	0.200	0.721	ND	ND		1	WG1458663
Ethanol	64-17-5	46.10	0.630	1.19	41.1	77.5		1	WG1458663
Ethylbenzene	100-41-4	106	0.200	0.867	0.963	4.17		1	WG1458663
4-Ethyltoluene	622-96-8	120	0.200	0.982	0.920	4.52		1	WG1458663
Trichlorofluoromethane	75-69-4	137.40	0.200	1.12	0.222	1.25		1	WG1458663
Dichlorodifluoromethane	75-71-8	120.92	0.200	0.989	0.480	2.37		1	WG1458663
1,1,2-Trichlorotrifluoroethane	76-13-1	187.40	0.200	1.53	ND	ND		1	WG1458663
1,2-Dichlorotetrafluoroethane	76-14-2	171	0.200	1.40	ND	ND		1	WG1458663
Heptane	142-82-5	100	0.200	0.818	1.59	6.50		1	WG1458663
Hexachloro-1,3-butadiene	87-68-3	261	0.630	6.73	ND	ND		1	WG1458663
n-Hexane	110-54-3	86.20	0.200	0.705	3.10	10.9		1	WG1458663
Isopropylbenzene	98-82-8	120.20	0.200	0.983	ND	ND		1	WG1458663
Methylene Chloride	75-09-2	84.90	0.200	0.694	1.48	5.14		1	WG1458663
Methyl Butyl Ketone	591-78-6	100	1.25	5.11	14.5	59.3		1	WG1458663
2-Butanone (MEK)	78-93-3	72.10	12.5	36.9	422	1240		10	WG1459253
4-Methyl-2-pentanone (MIBK)	108-10-1	100.10	1.25	5.12	ND	ND		1	WG1458663
Methyl methacrylate	80-62-6	100.12	0.200	0.819	ND	ND		1	WG1458663
MTBE	1634-04-4	88.10	0.200	0.721	ND	ND		1	WG1458663
Naphthalene	91-20-3	128	0.630	3.30	ND	ND		1	WG1458663
2-Propanol	67-63-0	60.10	1.25	3.07	2.72	6.69		1	WG1458663
Propene	115-07-1	42.10	0.400	0.689	39.9	68.7		1	WG1458663
Styrene	100-42-5	104	0.200	0.851	ND	ND		1	WG1458663
1,1,2,2-Tetrachloroethane	79-34-5	168	0.200	1.37	ND	ND		1	WG1458663
Tetrachloroethylene	127-18-4	166	0.200	1.36	ND	ND		1	WG1458663
Tetrahydrofuran	109-99-9	72.10	0.200	0.590	ND	ND		1	WG1458663
Toluene	108-88-3	92.10	0.200	0.753	7.02	26.4		1	WG1458663
1,2,4-Trichlorobenzene	120-82-1	181	0.630	4.66	ND	ND		1	WG1458663

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
1,1,1-Trichloroethane	71-55-6	133	0.200	1.09	ND	ND		1	WG1458663
1,1,2-Trichloroethane	79-00-5	133	0.200	1.09	ND	ND		1	WG1458663
Trichloroethylene	79-01-6	131	0.200	1.07	ND	ND		1	WG1458663
1,2,4-Trimethylbenzene	95-63-6	120	0.200	0.982	1.29	6.33		1	WG1458663
1,3,5-Trimethylbenzene	108-67-8	120	0.200	0.982	0.361	1.77		1	WG1458663
2,2,4-Trimethylpentane	540-84-1	114.22	0.200	0.934	ND	ND		1	WG1458663
Vinyl chloride	75-01-4	62.50	0.200	0.511	ND	ND		1	WG1458663
Vinyl Bromide	593-60-2	106.95	0.200	0.875	ND	ND		1	WG1458663
Vinyl acetate	108-05-4	86.10	0.200	0.704	ND	ND		1	WG1458663
m&p-Xylene	1330-20-7	106	0.400	1.73	3.61	15.7		1	WG1458663
o-Xylene	95-47-6	106	0.200	0.867	1.25	5.42		1	WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*108*				WG1458663
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*96.3*				WG1459253

Method Blank (MB)

(MB) R3517613-3 04/10/20 08:03

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
Allyl Chloride	U		0.0546	0.200
Benzene	U		0.0460	0.200
Benzyl Chloride	U		0.0598	0.200
Bromodichloromethane	U		0.0436	0.200
Bromoform	U		0.0786	0.600
Bromomethane	U		0.0609	0.200
1,3-Butadiene	U		0.0563	2.00
Carbon disulfide	U		0.0544	0.200
Carbon tetrachloride	U		0.0585	0.200
Chlorobenzene	U		0.0601	0.200
Chloroethane	U		0.0489	0.200
Chloroform	U		0.0574	0.200
Chloromethane	U		0.0544	0.200
2-Chlorotoluene	U		0.0605	0.200
Cyclohexane	U		0.0534	0.200
Dibromochloromethane	U		0.0494	0.200
1,2-Dibromoethane	U		0.0185	0.200
1,2-Dichlorobenzene	U		0.0603	0.200
1,3-Dichlorobenzene	U		0.0597	0.200
1,4-Dichlorobenzene	U		0.0557	0.200
1,2-Dichloroethane	U		0.0616	0.200
1,1-Dichloroethane	U		0.0514	0.200
1,1-Dichloroethene	U		0.0490	0.200
cis-1,2-Dichloroethene	U		0.0389	0.200
trans-1,2-Dichloroethene	U		0.0464	0.200
1,2-Dichloropropane	U		0.0599	0.200
cis-1,3-Dichloropropene	U		0.0588	0.200
trans-1,3-Dichloropropene	U		0.0435	0.200
1,4-Dioxane	U		0.0554	0.200
Ethylbenzene	U		0.0506	0.200
4-Ethyltoluene	U		0.0666	0.200
Trichlorofluoromethane	U		0.0673	0.200
Dichlorodifluoromethane	U		0.0601	0.200
1,1,2-Trichlorotrifluoroethane	U		0.0687	0.200
1,2-Dichlorotetrafluoroethane	U		0.0458	0.200
Heptane	U		0.0626	0.200
Hexachloro-1,3-butadiene	U		0.0656	0.630
n-Hexane	U		0.0457	0.200
Isopropylbenzene	U		0.0563	0.200

Method Blank (MB)

(MB) R3517613-3 04/10/20 08:03

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Methylene Chloride	U		0.0465	0.200
Methyl Butyl Ketone	U		0.0682	1.25
4-Methyl-2-pentanone (MIBK)	U		0.0650	1.25
Methyl Methacrylate	U		0.0773	0.200
MTBE	U		0.0505	0.200
Naphthalene	U		0.154	0.630
2-Propanol	U		0.0882	1.25
Propene	U		0.0932	0.400
Styrene	U		0.0465	0.200
1,1,2,2-Tetrachloroethane	U		0.0576	0.200
Tetrachloroethylene	U		0.0497	0.200
Tetrahydrofuran	U		0.0508	0.200
Toluene	U		0.0499	0.200
1,2,4-Trichlorobenzene	U		0.148	0.630
1,1,1-Trichloroethane	U		0.0665	0.200
1,1,2-Trichloroethane	U		0.0287	0.200
Trichloroethylene	U		0.0545	0.200
1,2,4-Trimethylbenzene	U		0.0483	0.200
1,3,5-Trimethylbenzene	U		0.0631	0.200
2,2,4-Trimethylpentane	U		0.0456	0.200
Vinyl chloride	U		0.0457	0.200
Vinyl Bromide	U		0.0727	0.200
Vinyl acetate	U		0.0639	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*95.4*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517613-1 04/10/20 06:24 • (LCSD) R3517613-2 04/10/20 07:14

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	3.67	3.62	97.9	96.5	55.0-148			1.37	25
Propene	3.75	4.19	4.17	112	111	64.0-144			0.478	25
Dichlorodifluoromethane	3.75	4.17	4.15	111	111	64.0-139			0.481	25
1,2-Dichlorotetrafluoroethane	3.75	4.07	4.12	109	110	70.0-130			1.22	25
Chloromethane	3.75	4.22	4.26	113	114	70.0-130			0.943	25
Vinyl chloride	3.75	4.28	4.27	114	114	70.0-130			0.234	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517613-1 04/10/20 06:24 • (LCSD) R3517613-2 04/10/20 07:14

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
1,3-Butadiene	3.75	4.33	4.51	115	120	70.0-130			4.07	25
Bromomethane	3.75	4.11	4.24	110	113	70.0-130			3.11	25
Chloroethane	3.75	4.29	4.50	114	120	70.0-130			4.78	25
Trichlorofluoromethane	3.75	4.00	4.12	107	110	70.0-130			2.96	25
1,1,2-Trichlorotrifluoroethane	3.75	3.77	3.82	101	102	70.0-130			1.32	25
1,1-Dichloroethene	3.75	3.73	3.74	99.5	99.7	70.0-130			0.268	25
1,1-Dichloroethane	3.75	3.82	3.96	102	106	70.0-130			3.60	25
Acetone	3.75	3.37	3.35	89.9	89.3	70.0-130			0.595	25
2-Propanol	3.75	3.67	3.68	97.9	98.1	70.0-139			0.272	25
Carbon disulfide	3.75	3.81	3.89	102	104	70.0-130			2.08	25
Methylene Chloride	3.75	3.67	3.77	97.9	101	70.0-130			2.69	25
MTBE	3.75	3.81	3.82	102	102	70.0-130			0.262	25
trans-1,2-Dichloroethene	3.75	3.74	3.74	99.7	99.7	70.0-130			0.000	25
n-Hexane	3.75	3.70	3.73	98.7	99.5	70.0-130			0.808	25
Vinyl acetate	3.75	3.40	3.21	90.7	85.6	70.0-130			5.75	25
cis-1,2-Dichloroethene	3.75	3.69	3.72	98.4	99.2	70.0-130			0.810	25
Chloroform	3.75	3.80	3.87	101	103	70.0-130			1.83	25
Cyclohexane	3.75	3.84	3.74	102	99.7	70.0-130			2.64	25
1,1,1-Trichloroethane	3.75	3.84	3.81	102	102	70.0-130			0.784	25
Carbon tetrachloride	3.75	3.81	3.88	102	103	70.0-130			1.82	25
Benzene	3.75	3.70	3.74	98.7	99.7	70.0-130			1.08	25
1,2-Dichloroethane	3.75	3.78	3.85	101	103	70.0-130			1.83	25
Heptane	3.75	4.31	4.35	115	116	70.0-130			0.924	25
Trichloroethylene	3.75	3.77	3.78	101	101	70.0-130			0.265	25
1,2-Dichloropropane	3.75	3.70	3.77	98.7	101	70.0-130			1.87	25
1,4-Dioxane	3.75	3.74	3.71	99.7	98.9	70.0-140			0.805	25
Bromodichloromethane	3.75	3.79	3.78	101	101	70.0-130			0.264	25
cis-1,3-Dichloropropene	3.75	3.84	3.84	102	102	70.0-130			0.000	25
4-Methyl-2-pentanone (MIBK)	3.75	3.74	3.78	99.7	101	70.0-139			1.06	25
Toluene	3.75	3.79	3.86	101	103	70.0-130			1.83	25
trans-1,3-Dichloropropene	3.75	3.88	3.86	103	103	70.0-130			0.517	25
1,1,2-Trichloroethane	3.75	3.87	3.86	103	103	70.0-130			0.259	25
Tetrachloroethylene	3.75	3.91	3.86	104	103	70.0-130			1.29	25
Methyl Butyl Ketone	3.75	3.86	3.80	103	101	70.0-149			1.57	25
Dibromochloromethane	3.75	3.89	3.88	104	103	70.0-130			0.257	25
1,2-Dibromoethane	3.75	3.96	3.98	106	106	70.0-130			0.504	25
Chlorobenzene	3.75	4.16	3.99	111	106	70.0-130			4.17	25
Ethylbenzene	3.75	3.87	3.86	103	103	70.0-130			0.259	25
m&p-Xylene	7.50	7.83	8.11	104	108	70.0-130			3.51	25
o-Xylene	3.75	3.96	3.89	106	104	70.0-130			1.78	25

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517613-1 04/10/20 06:24 • (LCSD) R3517613-2 04/10/20 07:14

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Styrene	3.75	3.92	3.91	105	104	70.0-130			0.255	25
Bromoform	3.75	3.79	3.94	101	105	70.0-130			3.88	25
1,1,2,2-Tetrachloroethane	3.75	3.93	3.98	105	106	70.0-130			1.26	25
4-Ethyltoluene	3.75	3.96	4.10	106	109	70.0-130			3.47	25
1,3,5-Trimethylbenzene	3.75	3.72	3.83	99.2	102	70.0-130			2.91	25
1,2,4-Trimethylbenzene	3.75	3.76	3.85	100	103	70.0-130			2.37	25
1,3-Dichlorobenzene	3.75	4.00	4.04	107	108	70.0-130			0.995	25
1,4-Dichlorobenzene	3.75	4.23	4.25	113	113	70.0-130			0.472	25
Benzyl Chloride	3.75	3.37	3.56	89.9	94.9	70.0-152			5.48	25
1,2-Dichlorobenzene	3.75	4.30	4.47	115	119	70.0-130			3.88	25
1,2,4-Trichlorobenzene	3.75	3.83	3.86	102	103	70.0-160			0.780	25
Hexachloro-1,3-butadiene	3.75	3.86	3.88	103	103	70.0-151			0.517	25
Naphthalene	3.75	3.87	4.09	103	109	70.0-159			5.53	25
Allyl Chloride	3.75	3.89	3.86	104	103	70.0-130			0.774	25
2-Chlorotoluene	3.75	3.81	3.91	102	104	70.0-130			2.59	25
Methyl Methacrylate	3.75	3.60	3.58	96.0	95.5	70.0-130			0.557	25
Tetrahydrofuran	3.75	3.76	3.79	100	101	70.0-137			0.795	25
2,2,4-Trimethylpentane	3.75	3.73	3.82	99.5	102	70.0-130			2.38	25
Vinyl Bromide	3.75	4.03	4.14	107	110	70.0-130			2.69	25
Isopropylbenzene	3.75	3.77	3.96	101	106	70.0-130			4.92	25
(S) 1,4-Bromofluorobenzene				*97.7*	*102*	*60.0-140*				

Method Blank (MB)

(MB) R3517764-3 04/11/20 07:15

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Acetone	U		0.0569	1.25
2-Butanone (MEK)	U		0.0493	1.25
Propene	0.239	E4	0.0932	0.400
Ethanol	U		0.0832	0.630
(S) 1,4-Bromofluorobenzene	*93.3*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517764-1 04/11/20 06:00 • (LCSD) R3517764-2 04/11/20 06:38

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethanol	3.75	4.23	4.01	113	107	55.0-148			5.34	25
Propene	3.75	4.07	4.48	109	119	64.0-144			9.59	25
Acetone	3.75	4.20	4.43	112	118	70.0-130			5.33	25
Methyl Ethyl Ketone	3.75	4.35	3.66	116	97.6	70.0-130			17.2	25
(S) 1,4-Bromofluorobenzene				*100*	*100*	*60.0-140*				

Method Blank (MB)

(MB) R3517924-3 04/12/20 11:20

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
2-Butanone (MEK)	U		0.0493	1.25
(S) 1,4-Bromofluorobenzene	*94.1*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3517924-1 04/12/20 10:05 • (LCSD) R3517924-2 04/12/20 10:43

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methyl Ethyl Ketone	3.75	4.19	4.04	112	108	70.0-130			3.65	25
(S) 1,4-Bromofluorobenzene				*101*	*99.7*	*60.0-140*				

Instrument: AIRMS2 • File ID: 0410_01

04/10/20 05:34

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
Standard	0410_01	164266	661627	549189
Upper Limit		230979	922655	722862
Lower Limit		98991	395424	309798
LCS R3517613-1 WG1458663 1x	0410_02	165698	670104	554128
LCSD R3517613-2 WG1458663 1x	0410_03	163774	666400	536189
BLANK R3517613-3 WG1458663 1x	0410_04	159549	643846	510708
L1207305-01 WG1458663 1x	0410_09	174748	686842	540128
L1207305-02 WG1458663 1x	0410_10	162221	660307	529553
L1207305-03 WG1458663 1x	0410_11	167783	670884	529702
L1207305-04 WG1458663 1x	0410_12	173944	693517	548592

Instrument: AIRMS5 • File ID: 0411_01

04/11/20 05:22

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
Standard	0411_01	257748	1043365	994368
Upper Limit		357621	1452459	1384463
Lower Limit		153266	622483	593341
LCS R3517764-1 WG1459253 1x	0411_02	239987	982627	916891
LCSD R3517764-2 WG1459253 1x	0411_03	241409	992899	926736
BLANK R3517764-3 WG1459253 1x	0411_04	233645	943938	880188
L1207305-01 WG1459253 10x	0411_14	193323	786825	696274
L1207305-02 WG1459253 10x	0411_15	192034	752178	699823
L1207305-03 WG1459253 10x	0411_16	187502	732690	685979
L1207305-04 WG1459253 10x	0411_17	191346	773284	664208

Instrument: AIRMS5 • File ID: 0412_01

04/12/20 09:27

Sample ID	File ID	BROMOCHLOROMETHANE Response	1,4-DIFLUOROBENZENE Response	CHLOROBENZENE-D5 Response
Standard	0412_01	250586	1012484	972496
Upper Limit		357621	1452459	1384463
Lower Limit		153266	622483	593341
LCS R3517924-1 WG1459506 1x	0412_02	250999	1027976	988674
LCSD R3517924-2 WG1459506 1x	0412_03	240488	976035	930073
BLANK R3517924-3 WG1459506 1x	0412_04	218169	882227	822907
L1207305-01 WG1459506 20x	0412_05	221964	911847	814129

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

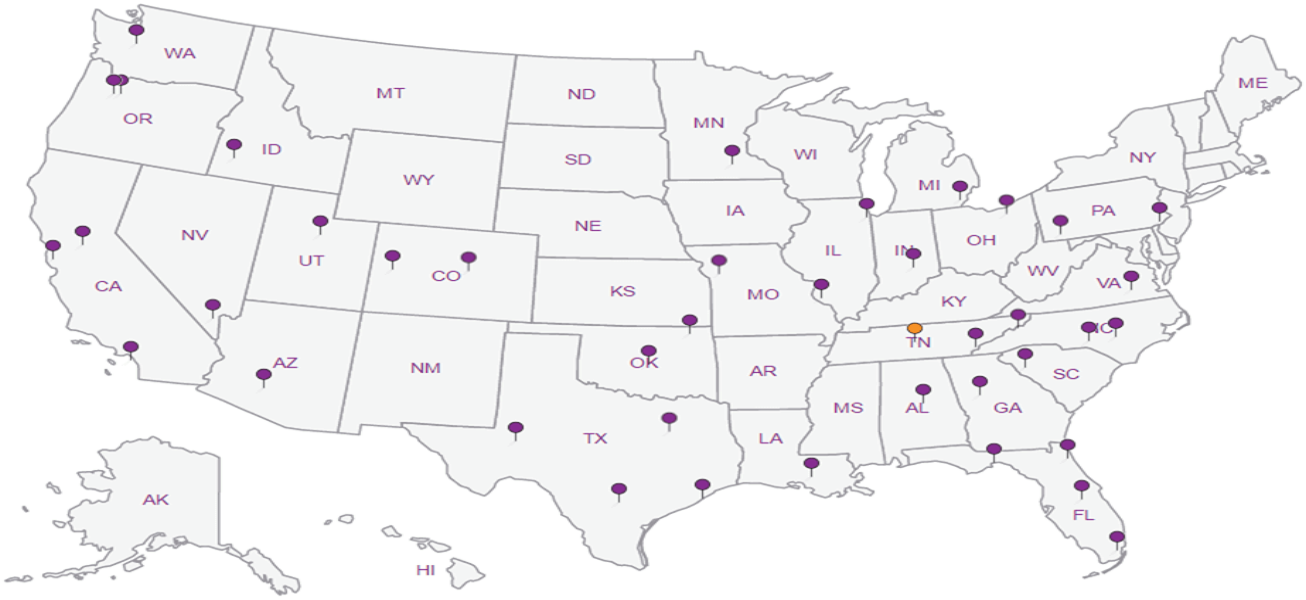
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # 63207052

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative: TO-15 Summa

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	TO-15 Summa	Remarks	Sample # (lab only)
SG-5-20		Air	20	4/7/20	1545	1	X		-01
SG-6-5		↓	5	4/8/20	1030	1	X		-02
SG-6-5-DUP		↓	5	↓	1030	1	X		-03
SG-6-20		↓	20	↓	1125	1	X		-04

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B Li-Vidal	4/8/20	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
				Amb 4
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				4/9/20 8:45

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

RAD SCREEN: <0.5 mR/hr

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

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Mount Juliet, TN 37122
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Phone: 800-767-5859
Fax: 615-758-5859

L# 1207305
F156

Acctnum: **TERRTUAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

ANALYTICAL REPORT

April 20, 2020

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Terracon - Tucson, AZ

Sample Delivery Group:	L1207573
Samples Received:	04/10/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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SS-11-40 L1207573-25	86
SS-12-5 L1207573-26	89
SS-12-5 L1207573-27	92
SS-12-10 L1207573-28	95
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5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-9-5 L1207573-01 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:10 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:05	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:11	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.2	04/09/20 08:10	04/10/20 22:12	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/14/20 23:07	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	5	04/15/20 00:19	04/15/20 16:46	DMG	Mt. Juliet, TN

SS-9-5 L1207573-02 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:15 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:07	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:14	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 08:15	04/10/20 22:32	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/14/20 23:20	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 12:26	DMG	Mt. Juliet, TN

SS-9-10 L1207573-03 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:20 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:09	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:16	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 08:20	04/10/20 22:52	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/14/20 23:34	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 12:49	DMG	Mt. Juliet, TN

SS-9-15 L1207573-04 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:28 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:11	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:24	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 08:28	04/10/20 23:13	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/14/20 23:48	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 13:12	DMG	Mt. Juliet, TN

SS-9-20 L1207573-05 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:30 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:13	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:27	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.12	04/09/20 08:30	04/10/20 23:34	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 00:01	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 13:43	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-9-35 L1207573-06 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:50 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:20	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:29	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 08:50	04/10/20 23:53	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 00:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 14:06	DMG	Mt. Juliet, TN

SS-9-40 L1207573-07 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 08:55 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:22	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:32	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 08:55	04/11/20 00:14	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 00:29	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 14:29	DMG	Mt. Juliet, TN

SS-10-5 L1207573-08 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 09:10 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:24	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:34	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 09:10	04/11/20 00:33	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 01:10	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 14:52	DMG	Mt. Juliet, TN

SS-10-5 L1207573-09 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 09:25 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:26	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:37	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 09:25	04/11/20 00:53	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 01:24	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 15:15	DMG	Mt. Juliet, TN

SS-10-10 L1207573-10 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 09:30 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:28	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:40	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 09:30	04/11/20 01:13	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 01:37	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460451	1	04/15/20 00:19	04/15/20 15:38	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-10-15 L1207573-11 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 09:35	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:30	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:42	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 09:35	04/11/20 01:33	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 01:51	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 03:58	AAT	Mt. Juliet, TN

SS-10-20 L1207573-12 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 09:45	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:32	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:45	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.05	04/09/20 09:45	04/11/20 01:54	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460438	1	04/14/20 18:29	04/15/20 02:05	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 04:19	AAT	Mt. Juliet, TN

SS-10-25 L1207573-13 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 09:50	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:34	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 01:59	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 09:50	04/11/20 02:13	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 19:41	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 04:40	AAT	Mt. Juliet, TN

SS-10-30 L1207573-14 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 09:52	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 19:59	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460525	1	04/14/20 16:21	04/15/20 02:47	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.12	04/09/20 09:52	04/11/20 02:34	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 19:53	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 06:02	AAT	Mt. Juliet, TN

SS-10-40 L1207573-15 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 10:05	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:36	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:29	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 10:05	04/11/20 02:54	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 20:06	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 06:23	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-10-40 DUP L1207573-16 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 10:05 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:38	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:32	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1	04/09/20 10:05	04/11/20 03:14	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 23:26	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 05:00	AAT	Mt. Juliet, TN

SS-11-5 L1207573-17 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 10:35 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:44	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:35	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.02	04/09/20 10:35	04/11/20 03:35	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 23:38	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	10	04/14/20 20:46	04/15/20 07:04	AAT	Mt. Juliet, TN

SS-11-5 L1207573-18 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 11:00 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:46	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:43	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.03	04/09/20 11:00	04/11/20 03:55	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 19:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460634	1	04/14/20 20:46	04/15/20 06:44	AAT	Mt. Juliet, TN

SS-11-10 L1207573-19 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 11:05 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:48	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:46	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.01	04/09/20 11:05	04/11/20 04:16	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/16/20 23:51	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 08:56	LEA	Mt. Juliet, TN

SS-11-15 L1207573-20 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 11:10 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460558	1	04/14/20 16:24	04/14/20 20:50	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:48	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459039	1.01	04/09/20 11:10	04/11/20 04:36	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 00:03	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 17:04	DMG	Mt. Juliet, TN

SS-11-20 L1207573-21 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 11:15	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:02	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:51	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 11:15	04/13/20 21:42	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 00:15	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 17:26	DMG	Mt. Juliet, TN

SS-11-25 L1207573-22 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 11:20	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:08	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:53	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 11:20	04/13/20 22:03	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 00:28	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 17:48	LEA	Mt. Juliet, TN

SS-11-30 L1207573-23 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 11:25	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:10	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:56	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 11:25	04/13/20 22:24	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 00:40	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 18:11	LEA	Mt. Juliet, TN

SS-11-35 L1207573-24 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 11:30	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:12	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:59	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 11:30	04/13/20 22:44	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 00:53	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 12:23	DMG	Mt. Juliet, TN

SS-11-40 L1207573-25 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 11:35	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:14	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:01	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 11:35	04/13/20 23:05	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 01:05	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461394	1	04/16/20 09:00	04/16/20 22:17	AAT	Mt. Juliet, TN

SS-12-5 L1207573-26 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 12:00 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:15	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:04	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:00	04/13/20 23:25	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 01:18	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 16:42	DMG	Mt. Juliet, TN

SS-12-5 L1207573-27 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 12:30 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:17	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:07	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:30	04/13/20 23:46	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 01:30	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 19:04	LEA	Mt. Juliet, TN

SS-12-10 L1207573-28 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 12:32 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:19	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:15	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:32	04/14/20 00:06	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 01:43	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 19:18	LEA	Mt. Juliet, TN

SS-12-15 L1207573-29 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 12:40 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 20:56	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 01:17	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:40	04/14/20 00:26	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 01:55	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 16:53	DMG	Mt. Juliet, TN

SS-12-20 L1207573-30 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 12:43 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:21	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:17	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:43	04/14/20 00:46	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 02:08	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 17:34	DMG	Mt. Juliet, TN

SS-12-25 L1207573-31 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 12:50	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:23	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:20	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:50	04/14/20 01:06	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 02:20	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 18:57	LEA	Mt. Juliet, TN

SS-12-30 L1207573-32 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 12:55	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:25	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:23	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 12:55	04/14/20 01:26	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460442	1	04/16/20 00:53	04/17/20 02:32	SSH	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 17:32	LEA	Mt. Juliet, TN

SS-12-40 L1207573-33 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 13:05	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:33	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:25	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 13:05	04/14/20 01:46	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 14:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461394	1	04/16/20 09:00	04/16/20 22:37	AAT	Mt. Juliet, TN

SS-13-5 L1207573-34 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 13:30	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:35	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460532	1	04/14/20 17:48	04/16/20 02:28	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 13:30	04/14/20 02:06	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 15:06	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 19:59	LEA	Mt. Juliet, TN

SS-13-5 L1207573-35 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/09/20 13:45	04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:37	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 17:41	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459102	1	04/09/20 13:45	04/14/20 02:27	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 15:19	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 15:14	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-13-5 DUP L1207573-36 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 13:45 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:39	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 17:44	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460200	2	04/09/20 13:45	04/14/20 19:31	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 15:31	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 15:36	DMG	Mt. Juliet, TN

SS-13-10 L1207573-37 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 13:55 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:41	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 17:47	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460200	2.12	04/09/20 13:55	04/14/20 19:50	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 15:44	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 15:58	DMG	Mt. Juliet, TN

SS-13-15 L1207573-38 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 14:00 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:43	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 17:55	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460200	2	04/09/20 14:00	04/14/20 20:09	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 15:56	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460635	1	04/15/20 02:26	04/15/20 16:20	DMG	Mt. Juliet, TN

SS-13-20 L1207573-39 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 14:05 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:45	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 17:57	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459175	1	04/09/20 14:05	04/11/20 13:05	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 16:09	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461079	1	04/15/20 16:30	04/15/20 22:56	AAT	Mt. Juliet, TN

SS-13-25 L1207573-40 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 14:08 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460553	1	04/14/20 16:16	04/14/20 21:47	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 18:00	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459175	1	04/09/20 14:08	04/11/20 13:25	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 16:21	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461079	1	04/15/20 16:30	04/15/20 23:18	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-13-30 L1207573-41 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 14:12 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460564	1	04/14/20 16:31	04/14/20 19:18	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 18:02	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459175	1	04/09/20 14:12	04/11/20 13:45	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 16:34	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461079	1	04/15/20 16:30	04/15/20 23:40	AAT	Mt. Juliet, TN

SS-13-35 L1207573-42 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 14:20 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460564	1	04/14/20 16:31	04/14/20 19:19	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 18:05	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459175	1	04/09/20 14:20	04/11/20 14:06	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 16:46	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461079	1	04/15/20 16:30	04/16/20 00:03	AAT	Mt. Juliet, TN

SS-13-40 L1207573-43 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 14:25 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1460564	1	04/14/20 16:31	04/14/20 19:21	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460539	1	04/14/20 17:27	04/15/20 18:08	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459175	1	04/09/20 14:25	04/11/20 14:26	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460443	1	04/16/20 00:55	04/16/20 16:59	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461394	1	04/16/20 09:00	04/16/20 22:58	AAT	Mt. Juliet, TN

EB-4 L1207573-44 GW

Collected by: B. Li-Vidal | Collected date/time: 04/09/20 10:50 | Received date/time: 04/10/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1459569	1	04/13/20 18:15	04/14/20 08:27	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1458859	1	04/10/20 17:21	04/11/20 08:30	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459079	1	04/11/20 01:03	04/11/20 01:03	JCP	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1460647	1.02	04/15/20 00:14	04/15/20 14:43	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460372	1	04/14/20 12:46	04/14/20 16:48	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0819		0.0400	1	04/14/2020 20:05	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.14		2.00	1	04/15/2020 02:11	WG1460525
Barium	209		0.500	1	04/15/2020 02:11	WG1460525
Cadmium	3.56		0.500	1	04/15/2020 02:11	WG1460525
Chromium	14.4		1.00	1	04/15/2020 02:11	WG1460525
Lead	222		0.500	1	04/15/2020 02:11	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:11	WG1460525
Silver	ND		1.00	1	04/15/2020 02:11	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.50	1.2	04/10/2020 22:12	WG1459039
Acrylonitrile	ND		0.375	1.2	04/10/2020 22:12	WG1459039
Benzene	ND		0.0300	1.2	04/10/2020 22:12	WG1459039
Bromobenzene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
Bromodichloromethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Bromoform	ND		0.750	1.2	04/10/2020 22:12	WG1459039
Bromomethane	ND		0.375	1.2	04/10/2020 22:12	WG1459039
1,3-Butadiene	ND		0.750	1.2	04/10/2020 22:12	WG1459039
n-Butylbenzene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
sec-Butylbenzene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
tert-Butylbenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Carbon disulfide	ND		0.375	1.2	04/10/2020 22:12	WG1459039
Carbon tetrachloride	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Chlorobenzene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Chlorodibromomethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Chloroethane	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Chloroform	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Chloromethane	ND		0.375	1.2	04/10/2020 22:12	WG1459039
2-Chlorotoluene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
4-Chlorotoluene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Cyclohexane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.750	1.2	04/10/2020 22:12	WG1459039
1,2-Dibromoethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Dibromomethane	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,2-Dichlorobenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,3-Dichlorobenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,4-Dichlorobenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Dichlorodifluoromethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,1-Dichloroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,2-Dichloroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,1-Dichloroethene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
cis-1,2-Dichloroethene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
trans-1,2-Dichloroethene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,2-Dichloropropane	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,1-Dichloropropene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,3-Dichloropropane	ND		0.150	1.2	04/10/2020 22:12	WG1459039
cis-1,3-Dichloropropene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
trans-1,3-Dichloropropene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
2,2-Dichloropropane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
Di-isopropyl ether	ND		0.0300	1.2	04/10/2020 22:12	WG1459039
Ethylbenzene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
4-Ethyltoluene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Hexachloro-1,3-butadiene	ND		0.750	1.2	04/10/2020 22:12	WG1459039
n-Hexane	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Isopropylbenzene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
p-Isopropyltoluene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
2-Butanone (MEK)	ND		3.00	1.2	04/10/2020 22:12	WG1459039
Methylene Chloride	ND		0.750	1.2	04/10/2020 22:12	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.750	1.2	04/10/2020 22:12	WG1459039
Methyl tert-butyl ether	ND		0.0300	1.2	04/10/2020 22:12	WG1459039
Methyl Cyclohexane	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Naphthalene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
Propene	ND		1.50	1.2	04/10/2020 22:12	WG1459039
n-Propylbenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Styrene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Tetrachloroethene	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Toluene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,2,3-Trichlorobenzene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
1,2,4-Trichlorobenzene	ND		0.375	1.2	04/10/2020 22:12	WG1459039
1,1,1-Trichloroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,1,2-Trichloroethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Trichloroethene	ND		0.0300	1.2	04/10/2020 22:12	WG1459039
Trichlorofluoromethane	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
1,2,3-Trichloropropane	ND		0.375	1.2	04/10/2020 22:12	WG1459039
1,2,4-Trimethylbenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,2,3-Trimethylbenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
1,3,5-Trimethylbenzene	ND		0.150	1.2	04/10/2020 22:12	WG1459039
Vinyl chloride	ND		0.0750	1.2	04/10/2020 22:12	WG1459039
Xylenes, Total	ND		0.195	1.2	04/10/2020 22:12	WG1459039
(S) Toluene-d8	*104*		*75.0-131*		*04/10/2020 22:12*	WG1459039
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/10/2020 22:12*	WG1459039
(S) 1,2-Dichloroethane-d4	*99.5*		*70.0-130*		*04/10/2020 22:12*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 23:07	WG1460438
PCB 1221	ND		0.0340	1	04/14/2020 23:07	WG1460438
PCB 1232	ND		0.0340	1	04/14/2020 23:07	WG1460438
PCB 1242	ND		0.0340	1	04/14/2020 23:07	WG1460438
PCB 1248	ND		0.0170	1	04/14/2020 23:07	WG1460438
PCB 1254	ND		0.0170	1	04/14/2020 23:07	WG1460438
PCB 1260	ND		0.0170	1	04/14/2020 23:07	WG1460438
(S) Decachlorobiphenyl	*31.3*		*10.0-135*		*04/14/2020 23:07*	WG1460438
(S) Tetrachloro-m-xylene	*55.2*		*10.0-139*		*04/14/2020 23:07*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0300	5	04/15/2020 16:46	WG1460451
Acenaphthene	ND		0.0300	5	04/15/2020 16:46	WG1460451
Acenaphthylene	ND		0.0300	5	04/15/2020 16:46	WG1460451
Benzo(a)anthracene	0.0914		0.0300	5	04/15/2020 16:46	WG1460451
Benzo(a)pyrene	0.122		0.0300	5	04/15/2020 16:46	WG1460451
Benzo(b)fluoranthene	0.216		0.0300	5	04/15/2020 16:46	WG1460451
Benzo(g,h,i)perylene	0.119		0.0300	5	04/15/2020 16:46	WG1460451
Benzo(k)fluoranthene	0.0719		0.0300	5	04/15/2020 16:46	WG1460451
Chrysene	0.111		0.0300	5	04/15/2020 16:46	WG1460451
Dibenz(a,h)anthracene	ND		0.0300	5	04/15/2020 16:46	WG1460451
Fluoranthene	0.294		0.0300	5	04/15/2020 16:46	WG1460451
Fluorene	ND		0.0300	5	04/15/2020 16:46	WG1460451
Indeno(1,2,3-cd)pyrene	0.0920		0.0300	5	04/15/2020 16:46	WG1460451
Naphthalene	ND		0.100	5	04/15/2020 16:46	WG1460451
Phenanthrene	0.0709		0.0300	5	04/15/2020 16:46	WG1460451
Pyrene	0.166		0.0300	5	04/15/2020 16:46	WG1460451
1-Methylnaphthalene	ND		0.100	5	04/15/2020 16:46	WG1460451
2-Methylnaphthalene	ND		0.100	5	04/15/2020 16:46	WG1460451
2-Chloronaphthalene	ND		0.100	5	04/15/2020 16:46	WG1460451
(S) p-Terphenyl-d14	*51.9*		*23.0-120*		*04/15/2020 16:46*	WG1460451
(S) Nitrobenzene-d5	*43.4*		*14.0-149*		*04/15/2020 16:46*	WG1460451
(S) 2-Fluorobiphenyl	*62.7*		*34.0-125*		*04/15/2020 16:46*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:07	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.63		2.00	1	04/15/2020 02:14	WG1460525
Barium	167		0.500	1	04/15/2020 02:14	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:14	WG1460525
Chromium	14.7		1.00	1	04/15/2020 02:14	WG1460525
Lead	25.3		0.500	1	04/15/2020 02:14	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:14	WG1460525
Silver	ND		1.00	1	04/15/2020 02:14	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/10/2020 22:32	WG1459039
Acrylonitrile	ND		0.313	1	04/10/2020 22:32	WG1459039
Benzene	ND		0.0250	1	04/10/2020 22:32	WG1459039
Bromobenzene	ND		0.313	1	04/10/2020 22:32	WG1459039
Bromodichloromethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
Bromoform	ND		0.625	1	04/10/2020 22:32	WG1459039
Bromomethane	ND		0.313	1	04/10/2020 22:32	WG1459039
1,3-Butadiene	ND		0.625	1	04/10/2020 22:32	WG1459039
n-Butylbenzene	ND		0.313	1	04/10/2020 22:32	WG1459039
sec-Butylbenzene	ND		0.313	1	04/10/2020 22:32	WG1459039
tert-Butylbenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
Carbon disulfide	ND		0.313	1	04/10/2020 22:32	WG1459039
Carbon tetrachloride	ND		0.125	1	04/10/2020 22:32	WG1459039
Chlorobenzene	ND		0.0625	1	04/10/2020 22:32	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
Chloroethane	ND		0.125	1	04/10/2020 22:32	WG1459039
Chloroform	ND		0.0625	1	04/10/2020 22:32	WG1459039
Chloromethane	ND		0.313	1	04/10/2020 22:32	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/10/2020 22:32	WG1459039
4-Chlorotoluene	ND		0.125	1	04/10/2020 22:32	WG1459039
Cyclohexane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 22:32	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
Dibromomethane	ND		0.125	1	04/10/2020 22:32	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 22:32	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 22:32	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 22:32	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/10/2020 22:32	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/10/2020 22:32	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 22:32	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 22:32	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 22:32	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 22:32	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/10/2020 22:32	WG1459039
Ethylbenzene	ND		0.0625	1	04/10/2020 22:32	WG1459039
4-Ethyltoluene	ND		0.125	1	04/10/2020 22:32	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 22:32	WG1459039
n-Hexane	ND		0.125	1	04/10/2020 22:32	WG1459039
Isopropylbenzene	ND		0.0625	1	04/10/2020 22:32	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/10/2020 22:32	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/10/2020 22:32	WG1459039
Methylene Chloride	ND		0.625	1	04/10/2020 22:32	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 22:32	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 22:32	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/10/2020 22:32	WG1459039
Naphthalene	ND		0.313	1	04/10/2020 22:32	WG1459039
Propene	ND		1.25	1	04/10/2020 22:32	WG1459039
n-Propylbenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
Styrene	ND		0.313	1	04/10/2020 22:32	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
Tetrachloroethene	ND		0.0625	1	04/10/2020 22:32	WG1459039
Toluene	ND		0.125	1	04/10/2020 22:32	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 22:32	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 22:32	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
Trichloroethene	ND		0.0250	1	04/10/2020 22:32	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 22:32	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 22:32	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 22:32	WG1459039
Vinyl chloride	ND		0.0625	1	04/10/2020 22:32	WG1459039
Xylenes, Total	ND		0.163	1	04/10/2020 22:32	WG1459039
(S) Toluene-d8	*105*		*75.0-131*		*04/10/2020 22:32*	WG1459039
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/10/2020 22:32*	WG1459039
(S) 1,2-Dichloroethane-d4	*98.6*		*70.0-130*		*04/10/2020 22:32*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 23:20	WG1460438
PCB 1221	ND		0.0340	1	04/14/2020 23:20	WG1460438
PCB 1232	ND		0.0340	1	04/14/2020 23:20	WG1460438
PCB 1242	ND		0.0340	1	04/14/2020 23:20	WG1460438
PCB 1248	ND		0.0170	1	04/14/2020 23:20	WG1460438
PCB 1254	ND		0.0170	1	04/14/2020 23:20	WG1460438
PCB 1260	ND		0.0170	1	04/14/2020 23:20	WG1460438
(S) Decachlorobiphenyl	*52.4*		*10.0-135*		*04/14/2020 23:20*	WG1460438
(S) Tetrachloro-m-xylene	*83.4*		*10.0-139*		*04/14/2020 23:20*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 12:26	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 12:26	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 12:26	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 12:26	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 12:26	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 12:26	WG1460451
(S) p-Terphenyl-d14	*53.2*		*23.0-120*		*04/15/2020 12:26*	WG1460451
(S) Nitrobenzene-d5	*44.0*		*14.0-149*		*04/15/2020 12:26*	WG1460451
(S) 2-Fluorobiphenyl	*61.3*		*34.0-125*		*04/15/2020 12:26*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:09	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.35		2.00	1	04/15/2020 02:16	WG1460525
Barium	108		0.500	1	04/15/2020 02:16	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:16	WG1460525
Chromium	10.9		1.00	1	04/15/2020 02:16	WG1460525
Lead	13.1		0.500	1	04/15/2020 02:16	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:16	WG1460525
Silver	ND		1.00	1	04/15/2020 02:16	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/10/2020 22:52	WG1459039
Acrylonitrile	ND		0.313	1	04/10/2020 22:52	WG1459039
Benzene	ND		0.0250	1	04/10/2020 22:52	WG1459039
Bromobenzene	ND		0.313	1	04/10/2020 22:52	WG1459039
Bromodichloromethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
Bromoform	ND		0.625	1	04/10/2020 22:52	WG1459039
Bromomethane	ND		0.313	1	04/10/2020 22:52	WG1459039
1,3-Butadiene	ND		0.625	1	04/10/2020 22:52	WG1459039
n-Butylbenzene	ND		0.313	1	04/10/2020 22:52	WG1459039
sec-Butylbenzene	ND		0.313	1	04/10/2020 22:52	WG1459039
tert-Butylbenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
Carbon disulfide	ND		0.313	1	04/10/2020 22:52	WG1459039
Carbon tetrachloride	ND		0.125	1	04/10/2020 22:52	WG1459039
Chlorobenzene	ND		0.0625	1	04/10/2020 22:52	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
Chloroethane	ND		0.125	1	04/10/2020 22:52	WG1459039
Chloroform	ND		0.0625	1	04/10/2020 22:52	WG1459039
Chloromethane	ND		0.313	1	04/10/2020 22:52	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/10/2020 22:52	WG1459039
4-Chlorotoluene	ND		0.125	1	04/10/2020 22:52	WG1459039
Cyclohexane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 22:52	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
Dibromomethane	ND		0.125	1	04/10/2020 22:52	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 22:52	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 22:52	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 22:52	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/10/2020 22:52	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/10/2020 22:52	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 22:52	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 22:52	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 22:52	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 22:52	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/10/2020 22:52	WG1459039
Ethylbenzene	ND		0.0625	1	04/10/2020 22:52	WG1459039
4-Ethyltoluene	ND		0.125	1	04/10/2020 22:52	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 22:52	WG1459039
n-Hexane	ND		0.125	1	04/10/2020 22:52	WG1459039
Isopropylbenzene	ND		0.0625	1	04/10/2020 22:52	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/10/2020 22:52	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/10/2020 22:52	WG1459039
Methylene Chloride	ND		0.625	1	04/10/2020 22:52	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 22:52	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 22:52	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/10/2020 22:52	WG1459039
Naphthalene	ND		0.313	1	04/10/2020 22:52	WG1459039
Propene	ND		1.25	1	04/10/2020 22:52	WG1459039
n-Propylbenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
Styrene	ND		0.313	1	04/10/2020 22:52	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
Tetrachloroethene	ND		0.0625	1	04/10/2020 22:52	WG1459039
Toluene	ND		0.125	1	04/10/2020 22:52	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 22:52	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 22:52	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
Trichloroethene	ND		0.0250	1	04/10/2020 22:52	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 22:52	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 22:52	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 22:52	WG1459039
Vinyl chloride	ND		0.0625	1	04/10/2020 22:52	WG1459039
Xylenes, Total	ND		0.163	1	04/10/2020 22:52	WG1459039
(S) Toluene-d8	*101*		*75.0-131*		*04/10/2020 22:52*	WG1459039
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/10/2020 22:52*	WG1459039
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*04/10/2020 22:52*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 23:34	WG1460438
PCB 1221	ND		0.0340	1	04/14/2020 23:34	WG1460438
PCB 1232	ND		0.0340	1	04/14/2020 23:34	WG1460438
PCB 1242	ND		0.0340	1	04/14/2020 23:34	WG1460438
PCB 1248	ND		0.0170	1	04/14/2020 23:34	WG1460438
PCB 1254	ND		0.0170	1	04/14/2020 23:34	WG1460438
PCB 1260	ND		0.0170	1	04/14/2020 23:34	WG1460438
(S) Decachlorobiphenyl	*52.7*		*10.0-135*		*04/14/2020 23:34*	WG1460438
(S) Tetrachloro-m-xylene	*76.8*		*10.0-139*		*04/14/2020 23:34*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 12:49	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 12:49	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 12:49	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 12:49	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 12:49	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 12:49	WG1460451
(S) p-Terphenyl-d14	*58.2*		*23.0-120*		*04/15/2020 12:49*	WG1460451
(S) Nitrobenzene-d5	*47.1*		*14.0-149*		*04/15/2020 12:49*	WG1460451
(S) 2-Fluorobiphenyl	*64.8*		*34.0-125*		*04/15/2020 12:49*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:11	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.23		2.00	1	04/15/2020 02:24	WG1460525
Barium	58.0		0.500	1	04/15/2020 02:24	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:24	WG1460525
Chromium	13.8		1.00	1	04/15/2020 02:24	WG1460525
Lead	8.68		0.500	1	04/15/2020 02:24	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:24	WG1460525
Silver	ND		1.00	1	04/15/2020 02:24	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/10/2020 23:13	WG1459039
Acrylonitrile	ND		0.313	1	04/10/2020 23:13	WG1459039
Benzene	ND		0.0250	1	04/10/2020 23:13	WG1459039
Bromobenzene	ND		0.313	1	04/10/2020 23:13	WG1459039
Bromodichloromethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
Bromoform	ND		0.625	1	04/10/2020 23:13	WG1459039
Bromomethane	ND		0.313	1	04/10/2020 23:13	WG1459039
1,3-Butadiene	ND		0.625	1	04/10/2020 23:13	WG1459039
n-Butylbenzene	ND		0.313	1	04/10/2020 23:13	WG1459039
sec-Butylbenzene	ND		0.313	1	04/10/2020 23:13	WG1459039
tert-Butylbenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
Carbon disulfide	ND		0.313	1	04/10/2020 23:13	WG1459039
Carbon tetrachloride	ND		0.125	1	04/10/2020 23:13	WG1459039
Chlorobenzene	ND		0.0625	1	04/10/2020 23:13	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
Chloroethane	ND		0.125	1	04/10/2020 23:13	WG1459039
Chloroform	ND		0.0625	1	04/10/2020 23:13	WG1459039
Chloromethane	ND		0.313	1	04/10/2020 23:13	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/10/2020 23:13	WG1459039
4-Chlorotoluene	ND		0.125	1	04/10/2020 23:13	WG1459039
Cyclohexane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 23:13	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
Dibromomethane	ND		0.125	1	04/10/2020 23:13	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 23:13	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 23:13	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 23:13	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/10/2020 23:13	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/10/2020 23:13	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 23:13	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 23:13	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 23:13	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 23:13	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/10/2020 23:13	WG1459039
Ethylbenzene	ND		0.0625	1	04/10/2020 23:13	WG1459039
4-Ethyltoluene	ND		0.125	1	04/10/2020 23:13	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 23:13	WG1459039
n-Hexane	ND		0.125	1	04/10/2020 23:13	WG1459039
Isopropylbenzene	ND		0.0625	1	04/10/2020 23:13	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/10/2020 23:13	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/10/2020 23:13	WG1459039
Methylene Chloride	ND		0.625	1	04/10/2020 23:13	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 23:13	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 23:13	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/10/2020 23:13	WG1459039
Naphthalene	ND		0.313	1	04/10/2020 23:13	WG1459039
Propene	ND		1.25	1	04/10/2020 23:13	WG1459039
n-Propylbenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
Styrene	ND		0.313	1	04/10/2020 23:13	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
Tetrachloroethene	ND		0.0625	1	04/10/2020 23:13	WG1459039
Toluene	ND		0.125	1	04/10/2020 23:13	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 23:13	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 23:13	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
Trichloroethene	ND		0.0250	1	04/10/2020 23:13	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 23:13	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 23:13	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 23:13	WG1459039
Vinyl chloride	ND		0.0625	1	04/10/2020 23:13	WG1459039
Xylenes, Total	ND		0.163	1	04/10/2020 23:13	WG1459039
(S) Toluene-d8	*105*		*75.0-131*		*04/10/2020 23:13*	WG1459039
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/10/2020 23:13*	WG1459039
(S) 1,2-Dichloroethane-d4	*99.7*		*70.0-130*		*04/10/2020 23:13*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/14/2020 23:48	WG1460438
PCB 1221	ND		0.0340	1	04/14/2020 23:48	WG1460438
PCB 1232	ND		0.0340	1	04/14/2020 23:48	WG1460438
PCB 1242	ND		0.0340	1	04/14/2020 23:48	WG1460438
PCB 1248	ND		0.0170	1	04/14/2020 23:48	WG1460438
PCB 1254	ND		0.0170	1	04/14/2020 23:48	WG1460438
PCB 1260	ND		0.0170	1	04/14/2020 23:48	WG1460438
(S) Decachlorobiphenyl	*53.6*		*10.0-135*		*04/14/2020 23:48*	WG1460438
(S) Tetrachloro-m-xylene	*78.4*		*10.0-139*		*04/14/2020 23:48*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 13:12	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 13:12	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 13:12	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 13:12	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 13:12	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 13:12	WG1460451
(S) p-Terphenyl-d14	*52.5*		*23.0-120*		*04/15/2020 13:12*	WG1460451
(S) Nitrobenzene-d5	*42.4*		*14.0-149*		*04/15/2020 13:12*	WG1460451
(S) 2-Fluorobiphenyl	*59.9*		*34.0-125*		*04/15/2020 13:12*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:13	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.15		2.00	1	04/15/2020 02:27	WG1460525
Barium	68.9		0.500	1	04/15/2020 02:27	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:27	WG1460525
Chromium	8.82		1.00	1	04/15/2020 02:27	WG1460525
Lead	8.09		0.500	1	04/15/2020 02:27	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:27	WG1460525
Silver	ND		1.00	1	04/15/2020 02:27	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.40	1.12	04/10/2020 23:34	WG1459039
Acrylonitrile	ND		0.350	1.12	04/10/2020 23:34	WG1459039
Benzene	ND		0.0280	1.12	04/10/2020 23:34	WG1459039
Bromobenzene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
Bromodichloromethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Bromoform	ND		0.700	1.12	04/10/2020 23:34	WG1459039
Bromomethane	ND		0.350	1.12	04/10/2020 23:34	WG1459039
1,3-Butadiene	ND		0.700	1.12	04/10/2020 23:34	WG1459039
n-Butylbenzene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
sec-Butylbenzene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
tert-Butylbenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Carbon disulfide	ND		0.350	1.12	04/10/2020 23:34	WG1459039
Carbon tetrachloride	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Chlorobenzene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Chlorodibromomethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Chloroethane	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Chloroform	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Chloromethane	ND		0.350	1.12	04/10/2020 23:34	WG1459039
2-Chlorotoluene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
4-Chlorotoluene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Cyclohexane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.700	1.12	04/10/2020 23:34	WG1459039
1,2-Dibromoethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Dibromomethane	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,2-Dichlorobenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,3-Dichlorobenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,4-Dichlorobenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Dichlorodifluoromethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,1-Dichloroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,2-Dichloroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,1-Dichloroethene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
cis-1,2-Dichloroethene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
trans-1,2-Dichloroethene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,2-Dichloropropane	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,1-Dichloropropene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,3-Dichloropropane	ND		0.140	1.12	04/10/2020 23:34	WG1459039
cis-1,3-Dichloropropene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
trans-1,3-Dichloropropene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
2,2-Dichloropropane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
Di-isopropyl ether	ND		0.0280	1.12	04/10/2020 23:34	WG1459039
Ethylbenzene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
4-Ethyltoluene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Hexachloro-1,3-butadiene	ND		0.700	1.12	04/10/2020 23:34	WG1459039
n-Hexane	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Isopropylbenzene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
p-Isopropyltoluene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
2-Butanone (MEK)	ND		2.80	1.12	04/10/2020 23:34	WG1459039
Methylene Chloride	ND		0.700	1.12	04/10/2020 23:34	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.700	1.12	04/10/2020 23:34	WG1459039
Methyl tert-butyl ether	ND		0.0280	1.12	04/10/2020 23:34	WG1459039
Methyl Cyclohexane	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Naphthalene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
Propene	ND		1.40	1.12	04/10/2020 23:34	WG1459039
n-Propylbenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Styrene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Tetrachloroethene	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Toluene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,2,3-Trichlorobenzene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
1,2,4-Trichlorobenzene	ND		0.350	1.12	04/10/2020 23:34	WG1459039
1,1,1-Trichloroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,1,2-Trichloroethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Trichloroethene	ND		0.0280	1.12	04/10/2020 23:34	WG1459039
Trichlorofluoromethane	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
1,2,3-Trichloropropane	ND		0.350	1.12	04/10/2020 23:34	WG1459039
1,2,4-Trimethylbenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,2,3-Trimethylbenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
1,3,5-Trimethylbenzene	ND		0.140	1.12	04/10/2020 23:34	WG1459039
Vinyl chloride	ND		0.0700	1.12	04/10/2020 23:34	WG1459039
Xylenes, Total	ND		0.182	1.12	04/10/2020 23:34	WG1459039
(S) Toluene-d8	*107*		*75.0-131*		*04/10/2020 23:34*	WG1459039
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/10/2020 23:34*	WG1459039
(S) 1,2-Dichloroethane-d4	*95.8*		*70.0-130*		*04/10/2020 23:34*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 00:01	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 00:01	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 00:01	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 00:01	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 00:01	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 00:01	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 00:01	WG1460438
(S) Decachlorobiphenyl	*33.5*		*10.0-135*		*04/15/2020 00:01*	WG1460438
(S) Tetrachloro-m-xylene	*48.6*		*10.0-139*		*04/15/2020 00:01*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 13:43	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 13:43	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 13:43	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 13:43	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 13:43	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 13:43	WG1460451
(S) p-Terphenyl-d14	*75.1*		*23.0-120*		*04/15/2020 13:43*	WG1460451
(S) Nitrobenzene-d5	*61.1*		*14.0-149*		*04/15/2020 13:43*	WG1460451
(S) 2-Fluorobiphenyl	*84.3*		*34.0-125*		*04/15/2020 13:43*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:20	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	13.2		2.00	1	04/15/2020 02:29	WG1460525
Barium	47.9		0.500	1	04/15/2020 02:29	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:29	WG1460525
Chromium	19.8		1.00	1	04/15/2020 02:29	WG1460525
Lead	26.3		0.500	1	04/15/2020 02:29	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:29	WG1460525
Silver	ND		1.00	1	04/15/2020 02:29	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/10/2020 23:53	WG1459039
Acrylonitrile	ND		0.313	1	04/10/2020 23:53	WG1459039
Benzene	ND		0.0250	1	04/10/2020 23:53	WG1459039
Bromobenzene	ND		0.313	1	04/10/2020 23:53	WG1459039
Bromodichloromethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
Bromoform	ND		0.625	1	04/10/2020 23:53	WG1459039
Bromomethane	ND		0.313	1	04/10/2020 23:53	WG1459039
1,3-Butadiene	ND		0.625	1	04/10/2020 23:53	WG1459039
n-Butylbenzene	ND		0.313	1	04/10/2020 23:53	WG1459039
sec-Butylbenzene	ND		0.313	1	04/10/2020 23:53	WG1459039
tert-Butylbenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
Carbon disulfide	ND		0.313	1	04/10/2020 23:53	WG1459039
Carbon tetrachloride	ND		0.125	1	04/10/2020 23:53	WG1459039
Chlorobenzene	ND		0.0625	1	04/10/2020 23:53	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
Chloroethane	ND		0.125	1	04/10/2020 23:53	WG1459039
Chloroform	ND		0.0625	1	04/10/2020 23:53	WG1459039
Chloromethane	ND		0.313	1	04/10/2020 23:53	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/10/2020 23:53	WG1459039
4-Chlorotoluene	ND		0.125	1	04/10/2020 23:53	WG1459039
Cyclohexane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/10/2020 23:53	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
Dibromomethane	ND		0.125	1	04/10/2020 23:53	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/10/2020 23:53	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/10/2020 23:53	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/10/2020 23:53	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/10/2020 23:53	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/10/2020 23:53	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/10/2020 23:53	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/10/2020 23:53	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/10/2020 23:53	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/10/2020 23:53	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/10/2020 23:53	WG1459039
Ethylbenzene	ND		0.0625	1	04/10/2020 23:53	WG1459039
4-Ethyltoluene	ND		0.125	1	04/10/2020 23:53	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/10/2020 23:53	WG1459039
n-Hexane	ND		0.125	1	04/10/2020 23:53	WG1459039
Isopropylbenzene	ND		0.0625	1	04/10/2020 23:53	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/10/2020 23:53	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/10/2020 23:53	WG1459039
Methylene Chloride	ND		0.625	1	04/10/2020 23:53	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/10/2020 23:53	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/10/2020 23:53	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/10/2020 23:53	WG1459039
Naphthalene	ND		0.313	1	04/10/2020 23:53	WG1459039
Propene	ND		1.25	1	04/10/2020 23:53	WG1459039
n-Propylbenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
Styrene	ND		0.313	1	04/10/2020 23:53	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
Tetrachloroethene	ND		0.0625	1	04/10/2020 23:53	WG1459039
Toluene	ND		0.125	1	04/10/2020 23:53	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/10/2020 23:53	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/10/2020 23:53	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
Trichloroethene	ND		0.0250	1	04/10/2020 23:53	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/10/2020 23:53	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/10/2020 23:53	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/10/2020 23:53	WG1459039
Vinyl chloride	ND		0.0625	1	04/10/2020 23:53	WG1459039
Xylenes, Total	ND		0.163	1	04/10/2020 23:53	WG1459039
(S) Toluene-d8	*108*		*75.0-131*		*04/10/2020 23:53*	WG1459039
(S) 4-Bromofluorobenzene	*99.5*		*67.0-138*		*04/10/2020 23:53*	WG1459039
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*04/10/2020 23:53*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 00:15	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 00:15	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 00:15	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 00:15	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 00:15	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 00:15	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 00:15	WG1460438
(S) Decachlorobiphenyl	*57.4*		*10.0-135*		*04/15/2020 00:15*	WG1460438
(S) Tetrachloro-m-xylene	*94.5*		*10.0-139*		*04/15/2020 00:15*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 14:06	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 14:06	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 14:06	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 14:06	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 14:06	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 14:06	WG1460451
(S) p-Terphenyl-d14	*65.7*		*23.0-120*		*04/15/2020 14:06*	WG1460451
(S) Nitrobenzene-d5	*57.1*		*14.0-149*		*04/15/2020 14:06*	WG1460451
(S) 2-Fluorobiphenyl	*77.3*		*34.0-125*		*04/15/2020 14:06*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:22	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/15/2020 02:32	WG1460525
Barium	82.1		0.500	1	04/15/2020 02:32	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:32	WG1460525
Chromium	14.7		1.00	1	04/15/2020 02:32	WG1460525
Lead	19.5		0.500	1	04/15/2020 02:32	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:32	WG1460525
Silver	ND		1.00	1	04/15/2020 02:32	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 00:14	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 00:14	WG1459039
Benzene	ND		0.0250	1	04/11/2020 00:14	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 00:14	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
Bromoform	ND		0.625	1	04/11/2020 00:14	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 00:14	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 00:14	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 00:14	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 00:14	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 00:14	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 00:14	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 00:14	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 00:14	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 00:14	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 00:14	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 00:14	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 00:14	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 00:14	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 00:14	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 00:14	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 00:14	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 00:14	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 00:14	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 00:14	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 00:14	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 00:14	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 00:14	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 00:14	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 00:14	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 00:14	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 00:14	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 00:14	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 00:14	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 00:14	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 00:14	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 00:14	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 00:14	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 00:14	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 00:14	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 00:14	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 00:14	WG1459039
Propene	ND		1.25	1	04/11/2020 00:14	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
Styrene	ND		0.313	1	04/11/2020 00:14	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 00:14	WG1459039
Toluene	ND		0.125	1	04/11/2020 00:14	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 00:14	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 00:14	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 00:14	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 00:14	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 00:14	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 00:14	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 00:14	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 00:14	WG1459039
(S) Toluene-d8	*110*		*75.0-131*		*04/11/2020 00:14*	WG1459039
(S) 4-Bromofluorobenzene	*98.8*		*67.0-138*		*04/11/2020 00:14*	WG1459039
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/11/2020 00:14*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 00:29	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 00:29	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 00:29	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 00:29	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 00:29	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 00:29	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 00:29	WG1460438
(S) Decachlorobiphenyl	*56.4*		*10.0-135*		*04/15/2020 00:29*	WG1460438
(S) Tetrachloro-m-xylene	*89.1*		*10.0-139*		*04/15/2020 00:29*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 14:29	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 14:29	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 14:29	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 14:29	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 14:29	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 14:29	WG1460451
(S) p-Terphenyl-d14	*71.1*		*23.0-120*		*04/15/2020 14:29*	WG1460451
(S) Nitrobenzene-d5	*60.2*		*14.0-149*		*04/15/2020 14:29*	WG1460451
(S) 2-Fluorobiphenyl	*82.3*		*34.0-125*		*04/15/2020 14:29*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.460		0.0400	1	04/14/2020 20:24	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.43		2.00	1	04/15/2020 02:34	WG1460525
Barium	156		0.500	1	04/15/2020 02:34	WG1460525
Cadmium	1.74		0.500	1	04/15/2020 02:34	WG1460525
Chromium	15.4		1.00	1	04/15/2020 02:34	WG1460525
Lead	126		0.500	1	04/15/2020 02:34	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:34	WG1460525
Silver	ND		1.00	1	04/15/2020 02:34	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 00:33	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 00:33	WG1459039
Benzene	ND		0.0250	1	04/11/2020 00:33	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 00:33	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
Bromoform	ND		0.625	1	04/11/2020 00:33	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 00:33	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 00:33	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 00:33	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 00:33	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 00:33	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 00:33	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 00:33	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 00:33	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 00:33	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 00:33	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 00:33	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 00:33	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 00:33	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 00:33	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 00:33	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 00:33	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 00:33	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 00:33	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 00:33	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 00:33	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 00:33	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 00:33	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 00:33	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 00:33	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 00:33	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 00:33	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 00:33	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 00:33	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 00:33	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 00:33	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 00:33	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 00:33	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 00:33	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 00:33	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 00:33	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 00:33	WG1459039
Propene	ND		1.25	1	04/11/2020 00:33	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
Styrene	ND		0.313	1	04/11/2020 00:33	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 00:33	WG1459039
Toluene	ND		0.125	1	04/11/2020 00:33	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 00:33	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 00:33	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 00:33	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 00:33	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 00:33	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 00:33	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 00:33	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 00:33	WG1459039
(S) Toluene-d8	*107*		*75.0-131*		*04/11/2020 00:33*	WG1459039
(S) 4-Bromofluorobenzene	*96.9*		*67.0-138*		*04/11/2020 00:33*	WG1459039
(S) 1,2-Dichloroethane-d4	*90.4*		*70.0-130*		*04/11/2020 00:33*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 01:10	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 01:10	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 01:10	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 01:10	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 01:10	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 01:10	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 01:10	WG1460438
(S) Decachlorobiphenyl	*51.2*		*10.0-135*		*04/15/2020 01:10*	WG1460438
(S) Tetrachloro-m-xylene	*73.3*		*10.0-139*		*04/15/2020 01:10*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 14:52	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 14:52	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 14:52	WG1460451
Benzo(a)anthracene	0.0139		0.00600	1	04/15/2020 14:52	WG1460451
Benzo(a)pyrene	0.0171		0.00600	1	04/15/2020 14:52	WG1460451
Benzo(b)fluoranthene	0.0321		0.00600	1	04/15/2020 14:52	WG1460451
Benzo(g,h,i)perylene	0.0217		0.00600	1	04/15/2020 14:52	WG1460451
Benzo(k)fluoranthene	0.0108		0.00600	1	04/15/2020 14:52	WG1460451
Chrysene	0.0184		0.00600	1	04/15/2020 14:52	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 14:52	WG1460451
Fluoranthene	0.0456		0.00600	1	04/15/2020 14:52	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 14:52	WG1460451
Indeno(1,2,3-cd)pyrene	0.0141		0.00600	1	04/15/2020 14:52	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 14:52	WG1460451
Phenanthrene	0.0111		0.00600	1	04/15/2020 14:52	WG1460451
Pyrene	0.0260		0.00600	1	04/15/2020 14:52	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 14:52	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 14:52	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 14:52	WG1460451
(S) p-Terphenyl-d14	*63.7*		*23.0-120*		*04/15/2020 14:52*	WG1460451
(S) Nitrobenzene-d5	*51.6*		*14.0-149*		*04/15/2020 14:52*	WG1460451
(S) 2-Fluorobiphenyl	*69.6*		*34.0-125*		*04/15/2020 14:52*	WG1460451

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:26	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.36		2.00	1	04/15/2020 02:37	WG1460525
Barium	154		0.500	1	04/15/2020 02:37	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:37	WG1460525
Chromium	11.9		1.00	1	04/15/2020 02:37	WG1460525
Lead	18.7		0.500	1	04/15/2020 02:37	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:37	WG1460525
Silver	ND		1.00	1	04/15/2020 02:37	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 00:53	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 00:53	WG1459039
Benzene	ND		0.0250	1	04/11/2020 00:53	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 00:53	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
Bromoform	ND		0.625	1	04/11/2020 00:53	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 00:53	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 00:53	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 00:53	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 00:53	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 00:53	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 00:53	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 00:53	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 00:53	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 00:53	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 00:53	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 00:53	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 00:53	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 00:53	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 00:53	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 00:53	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 00:53	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 00:53	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 00:53	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 00:53	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 00:53	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 00:53	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 00:53	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 00:53	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 00:53	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 00:53	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 00:53	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 00:53	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 00:53	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 00:53	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 00:53	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 00:53	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 00:53	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 00:53	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 00:53	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 00:53	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 00:53	WG1459039
Propene	ND		1.25	1	04/11/2020 00:53	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
Styrene	ND		0.313	1	04/11/2020 00:53	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 00:53	WG1459039
Toluene	ND		0.125	1	04/11/2020 00:53	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 00:53	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 00:53	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 00:53	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 00:53	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 00:53	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 00:53	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 00:53	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 00:53	WG1459039
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 00:53*	WG1459039
(S) 4-Bromofluorobenzene	*99.1*		*67.0-138*		*04/11/2020 00:53*	WG1459039
(S) 1,2-Dichloroethane-d4	*97.7*		*70.0-130*		*04/11/2020 00:53*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 01:24	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 01:24	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 01:24	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 01:24	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 01:24	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 01:24	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 01:24	WG1460438
(S) Decachlorobiphenyl	*39.5*		*10.0-135*		*04/15/2020 01:24*	WG1460438
(S) Tetrachloro-m-xylene	*54.7*		*10.0-139*		*04/15/2020 01:24*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 15:15	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 15:15	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 15:15	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:15	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:15	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 15:15	WG1460451
(S) p-Terphenyl-d14	*53.0*		*23.0-120*		*04/15/2020 15:15*	WG1460451
(S) Nitrobenzene-d5	*41.2*		*14.0-149*		*04/15/2020 15:15*	WG1460451
(S) 2-Fluorobiphenyl	*56.9*		*34.0-125*		*04/15/2020 15:15*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:28	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.41		2.00	1	04/15/2020 02:40	WG1460525
Barium	110		0.500	1	04/15/2020 02:40	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:40	WG1460525
Chromium	10.7		1.00	1	04/15/2020 02:40	WG1460525
Lead	13.5		0.500	1	04/15/2020 02:40	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:40	WG1460525
Silver	ND		1.00	1	04/15/2020 02:40	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 01:13	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 01:13	WG1459039
Benzene	ND		0.0250	1	04/11/2020 01:13	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 01:13	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
Bromoform	ND		0.625	1	04/11/2020 01:13	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 01:13	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 01:13	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 01:13	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 01:13	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 01:13	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 01:13	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 01:13	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 01:13	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 01:13	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 01:13	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 01:13	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 01:13	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 01:13	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 01:13	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 01:13	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 01:13	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 01:13	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 01:13	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 01:13	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 01:13	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 01:13	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 01:13	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 01:13	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 01:13	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 01:13	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 01:13	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 01:13	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 01:13	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 01:13	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 01:13	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 01:13	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 01:13	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 01:13	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 01:13	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 01:13	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 01:13	WG1459039
Propene	ND		1.25	1	04/11/2020 01:13	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
Styrene	ND		0.313	1	04/11/2020 01:13	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 01:13	WG1459039
Toluene	ND		0.125	1	04/11/2020 01:13	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 01:13	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 01:13	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 01:13	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 01:13	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 01:13	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 01:13	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 01:13	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 01:13	WG1459039
(S) Toluene-d8	*103*		*75.0-131*		*04/11/2020 01:13*	WG1459039
(S) 4-Bromofluorobenzene	*97.0*		*67.0-138*		*04/11/2020 01:13*	WG1459039
(S) 1,2-Dichloroethane-d4	*97.3*		*70.0-130*		*04/11/2020 01:13*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 01:37	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 01:37	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 01:37	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 01:37	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 01:37	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 01:37	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 01:37	WG1460438
(S) Decachlorobiphenyl	*34.5*		*10.0-135*		*04/15/2020 01:37*	WG1460438
(S) Tetrachloro-m-xylene	*47.6*		*10.0-139*		*04/15/2020 01:37*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Acenaphthene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Acenaphthylene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Chrysene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Fluoranthene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Fluorene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Naphthalene	ND		0.0200	1	04/15/2020 15:38	WG1460451
Phenanthrene	ND		0.00600	1	04/15/2020 15:38	WG1460451
Pyrene	ND		0.00600	1	04/15/2020 15:38	WG1460451
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:38	WG1460451
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:38	WG1460451
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 15:38	WG1460451
(S) p-Terphenyl-d14	*57.7*		*23.0-120*		*04/15/2020 15:38*	WG1460451
(S) Nitrobenzene-d5	*46.8*		*14.0-149*		*04/15/2020 15:38*	WG1460451
(S) 2-Fluorobiphenyl	*64.3*		*34.0-125*		*04/15/2020 15:38*	WG1460451

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:30	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.95		2.00	1	04/15/2020 02:42	WG1460525
Barium	115		0.500	1	04/15/2020 02:42	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:42	WG1460525
Chromium	15.9		1.00	1	04/15/2020 02:42	WG1460525
Lead	12.8		0.500	1	04/15/2020 02:42	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:42	WG1460525
Silver	ND		1.00	1	04/15/2020 02:42	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 01:33	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 01:33	WG1459039
Benzene	ND		0.0250	1	04/11/2020 01:33	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 01:33	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
Bromoform	ND		0.625	1	04/11/2020 01:33	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 01:33	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 01:33	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 01:33	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 01:33	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 01:33	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 01:33	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 01:33	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 01:33	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 01:33	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 01:33	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 01:33	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 01:33	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 01:33	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 01:33	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 01:33	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 01:33	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 01:33	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 01:33	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 01:33	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 01:33	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 01:33	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 01:33	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 01:33	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 01:33	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 01:33	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 01:33	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 01:33	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 01:33	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 01:33	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 01:33	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 01:33	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 01:33	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 01:33	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 01:33	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 01:33	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 01:33	WG1459039
Propene	ND		1.25	1	04/11/2020 01:33	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
Styrene	ND		0.313	1	04/11/2020 01:33	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 01:33	WG1459039
Toluene	ND		0.125	1	04/11/2020 01:33	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 01:33	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 01:33	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 01:33	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 01:33	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 01:33	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 01:33	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 01:33	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 01:33	WG1459039
(S) Toluene-d8	*104*		*75.0-131*		*04/11/2020 01:33*	WG1459039
(S) 4-Bromofluorobenzene	*96.6*		*67.0-138*		*04/11/2020 01:33*	WG1459039
(S) 1,2-Dichloroethane-d4	*94.7*		*70.0-130*		*04/11/2020 01:33*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 01:51	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 01:51	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 01:51	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 01:51	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 01:51	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 01:51	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 01:51	WG1460438
(S) Decachlorobiphenyl	*57.0*		*10.0-135*		*04/15/2020 01:51*	WG1460438
(S) Tetrachloro-m-xylene	*81.6*		*10.0-139*		*04/15/2020 01:51*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Naphthalene	0.0804		0.0200	1	04/15/2020 03:58	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 03:58	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 03:58	WG1460634
1-Methylnaphthalene	0.0416		0.0200	1	04/15/2020 03:58	WG1460634
2-Methylnaphthalene	0.0588		0.0200	1	04/15/2020 03:58	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 03:58	WG1460634
(S) p-Terphenyl-d14	*78.3*		*23.0-120*		*04/15/2020 03:58*	WG1460634
(S) Nitrobenzene-d5	*89.0*		*14.0-149*		*04/15/2020 03:58*	WG1460634
(S) 2-Fluorobiphenyl	*79.2*		*34.0-125*		*04/15/2020 03:58*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:32	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.48		2.00	1	04/15/2020 02:45	WG1460525
Barium	131		0.500	1	04/15/2020 02:45	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:45	WG1460525
Chromium	14.1		1.00	1	04/15/2020 02:45	WG1460525
Lead	14.0		0.500	1	04/15/2020 02:45	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:45	WG1460525
Silver	ND		1.00	1	04/15/2020 02:45	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.31	1.05	04/11/2020 01:54	WG1459039
Acrylonitrile	ND		0.328	1.05	04/11/2020 01:54	WG1459039
Benzene	ND		0.0263	1.05	04/11/2020 01:54	WG1459039
Bromobenzene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
Bromodichloromethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Bromoform	ND		0.656	1.05	04/11/2020 01:54	WG1459039
Bromomethane	ND		0.328	1.05	04/11/2020 01:54	WG1459039
1,3-Butadiene	ND		0.656	1.05	04/11/2020 01:54	WG1459039
n-Butylbenzene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
sec-Butylbenzene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
tert-Butylbenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Carbon disulfide	ND		0.328	1.05	04/11/2020 01:54	WG1459039
Carbon tetrachloride	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Chlorobenzene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Chlorodibromomethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Chloroethane	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Chloroform	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Chloromethane	ND		0.328	1.05	04/11/2020 01:54	WG1459039
2-Chlorotoluene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
4-Chlorotoluene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Cyclohexane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.656	1.05	04/11/2020 01:54	WG1459039
1,2-Dibromoethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Dibromomethane	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,2-Dichlorobenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,3-Dichlorobenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,4-Dichlorobenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Dichlorodifluoromethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,1-Dichloroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,2-Dichloroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,1-Dichloroethene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
cis-1,2-Dichloroethene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
trans-1,2-Dichloroethene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,2-Dichloropropane	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,1-Dichloropropene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,3-Dichloropropane	ND		0.131	1.05	04/11/2020 01:54	WG1459039
cis-1,3-Dichloropropene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
trans-1,3-Dichloropropene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
2,2-Dichloropropane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
Di-isopropyl ether	ND		0.0263	1.05	04/11/2020 01:54	WG1459039
Ethylbenzene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
4-Ethyltoluene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Hexachloro-1,3-butadiene	ND		0.656	1.05	04/11/2020 01:54	WG1459039
n-Hexane	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Isopropylbenzene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
p-Isopropyltoluene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
2-Butanone (MEK)	ND		2.63	1.05	04/11/2020 01:54	WG1459039
Methylene Chloride	ND		0.656	1.05	04/11/2020 01:54	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.656	1.05	04/11/2020 01:54	WG1459039
Methyl tert-butyl ether	ND		0.0263	1.05	04/11/2020 01:54	WG1459039
Methyl Cyclohexane	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Naphthalene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
Propene	ND		1.31	1.05	04/11/2020 01:54	WG1459039
n-Propylbenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Styrene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Tetrachloroethene	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Toluene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,2,3-Trichlorobenzene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
1,2,4-Trichlorobenzene	ND		0.328	1.05	04/11/2020 01:54	WG1459039
1,1,1-Trichloroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,1,2-Trichloroethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Trichloroethene	ND		0.0263	1.05	04/11/2020 01:54	WG1459039
Trichlorofluoromethane	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
1,2,3-Trichloropropane	ND		0.328	1.05	04/11/2020 01:54	WG1459039
1,2,4-Trimethylbenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,2,3-Trimethylbenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
1,3,5-Trimethylbenzene	ND		0.131	1.05	04/11/2020 01:54	WG1459039
Vinyl chloride	ND		0.0656	1.05	04/11/2020 01:54	WG1459039
Xylenes, Total	ND		0.171	1.05	04/11/2020 01:54	WG1459039
(S) Toluene-d8	*107*		*75.0-131*		*04/11/2020 01:54*	WG1459039
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*04/11/2020 01:54*	WG1459039
(S) 1,2-Dichloroethane-d4	*96.0*		*70.0-130*		*04/11/2020 01:54*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/15/2020 02:05	WG1460438
PCB 1221	ND		0.0340	1	04/15/2020 02:05	WG1460438
PCB 1232	ND		0.0340	1	04/15/2020 02:05	WG1460438
PCB 1242	ND		0.0340	1	04/15/2020 02:05	WG1460438
PCB 1248	ND		0.0170	1	04/15/2020 02:05	WG1460438
PCB 1254	ND		0.0170	1	04/15/2020 02:05	WG1460438
PCB 1260	ND		0.0170	1	04/15/2020 02:05	WG1460438
(S) Decachlorobiphenyl	*61.3*		*10.0-135*		*04/15/2020 02:05*	WG1460438
(S) Tetrachloro-m-xylene	*83.2*		*10.0-139*		*04/15/2020 02:05*	WG1460438

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Naphthalene	ND		0.0200	1	04/15/2020 04:19	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 04:19	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 04:19	WG1460634
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:19	WG1460634
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:19	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 04:19	WG1460634
(S) p-Terphenyl-d14	*79.1*		*23.0-120*		*04/15/2020 04:19*	WG1460634
(S) Nitrobenzene-d5	*87.0*		*14.0-149*		*04/15/2020 04:19*	WG1460634
(S) 2-Fluorobiphenyl	*78.9*		*34.0-125*		*04/15/2020 04:19*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:34	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.67		2.00	1	04/15/2020 01:59	WG1460525
Barium	55.5	M1 R5	0.500	1	04/15/2020 01:59	WG1460525
Cadmium	ND		0.500	1	04/15/2020 01:59	WG1460525
Chromium	3.75		1.00	1	04/15/2020 01:59	WG1460525
Lead	7.76		0.500	1	04/15/2020 01:59	WG1460525
Selenium	ND		2.00	1	04/15/2020 01:59	WG1460525
Silver	ND		1.00	1	04/15/2020 01:59	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 02:13	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 02:13	WG1459039
Benzene	ND		0.0250	1	04/11/2020 02:13	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 02:13	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
Bromoform	ND		0.625	1	04/11/2020 02:13	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 02:13	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 02:13	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 02:13	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 02:13	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 02:13	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 02:13	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 02:13	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 02:13	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 02:13	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 02:13	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 02:13	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 02:13	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 02:13	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 02:13	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 02:13	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 02:13	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 02:13	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 02:13	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 02:13	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 02:13	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 02:13	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 02:13	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 02:13	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 02:13	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 02:13	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 02:13	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 02:13	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 02:13	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 02:13	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 02:13	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 02:13	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 02:13	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 02:13	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 02:13	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 02:13	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 02:13	WG1459039
Propene	ND		1.25	1	04/11/2020 02:13	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
Styrene	ND		0.313	1	04/11/2020 02:13	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 02:13	WG1459039
Toluene	ND		0.125	1	04/11/2020 02:13	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 02:13	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 02:13	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 02:13	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 02:13	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 02:13	WG1459039
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 02:13	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 02:13	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 02:13	WG1459039
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 02:13*	WG1459039
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/11/2020 02:13*	WG1459039
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/11/2020 02:13*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 19:41	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 19:41	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 19:41	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 19:41	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 19:41	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 19:41	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 19:41	WG1460442
(S) Decachlorobiphenyl	*91.1*		*10.0-135*		*04/16/2020 19:41*	WG1460442
(S) Tetrachloro-m-xylene	*89.1*		*10.0-139*		*04/16/2020 19:41*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Naphthalene	ND		0.0200	1	04/15/2020 04:40	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 04:40	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 04:40	WG1460634
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:40	WG1460634
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 04:40	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 04:40	WG1460634
(S) p-Terphenyl-d14	*79.5*		*23.0-120*		*04/15/2020 04:40*	WG1460634
(S) Nitrobenzene-d5	*84.5*		*14.0-149*		*04/15/2020 04:40*	WG1460634
(S) 2-Fluorobiphenyl	*77.5*		*34.0-125*		*04/15/2020 04:40*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND	R5	0.0400	1	04/14/2020 19:59	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.98		2.00	1	04/15/2020 02:47	WG1460525
Barium	172		0.500	1	04/15/2020 02:47	WG1460525
Cadmium	ND		0.500	1	04/15/2020 02:47	WG1460525
Chromium	6.05		1.00	1	04/15/2020 02:47	WG1460525
Lead	10.1		0.500	1	04/15/2020 02:47	WG1460525
Selenium	ND		2.00	1	04/15/2020 02:47	WG1460525
Silver	ND		1.00	1	04/15/2020 02:47	WG1460525

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.40	1.12	04/11/2020 02:34	WG1459039
Acrylonitrile	ND		0.350	1.12	04/11/2020 02:34	WG1459039
Benzene	ND		0.0280	1.12	04/11/2020 02:34	WG1459039
Bromobenzene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
Bromodichloromethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Bromoform	ND		0.700	1.12	04/11/2020 02:34	WG1459039
Bromomethane	ND		0.350	1.12	04/11/2020 02:34	WG1459039
1,3-Butadiene	ND		0.700	1.12	04/11/2020 02:34	WG1459039
n-Butylbenzene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
sec-Butylbenzene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
tert-Butylbenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Carbon disulfide	ND		0.350	1.12	04/11/2020 02:34	WG1459039
Carbon tetrachloride	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Chlorobenzene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Chlorodibromomethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Chloroethane	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Chloroform	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Chloromethane	ND		0.350	1.12	04/11/2020 02:34	WG1459039
2-Chlorotoluene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
4-Chlorotoluene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Cyclohexane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.700	1.12	04/11/2020 02:34	WG1459039
1,2-Dibromoethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Dibromomethane	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,2-Dichlorobenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,3-Dichlorobenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,4-Dichlorobenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Dichlorodifluoromethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,1-Dichloroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,2-Dichloroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,1-Dichloroethene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
cis-1,2-Dichloroethene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
trans-1,2-Dichloroethene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,2-Dichloropropane	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,1-Dichloropropene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,3-Dichloropropane	ND		0.140	1.12	04/11/2020 02:34	WG1459039
cis-1,3-Dichloropropene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
trans-1,3-Dichloropropene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
2,2-Dichloropropane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
Di-isopropyl ether	ND		0.0280	1.12	04/11/2020 02:34	WG1459039
Ethylbenzene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
4-Ethyltoluene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Hexachloro-1,3-butadiene	ND		0.700	1.12	04/11/2020 02:34	WG1459039
n-Hexane	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Isopropylbenzene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
p-Isopropyltoluene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
2-Butanone (MEK)	ND		2.80	1.12	04/11/2020 02:34	WG1459039
Methylene Chloride	ND		0.700	1.12	04/11/2020 02:34	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.700	1.12	04/11/2020 02:34	WG1459039
Methyl tert-butyl ether	ND		0.0280	1.12	04/11/2020 02:34	WG1459039
Methyl Cyclohexane	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Naphthalene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
Propene	ND		1.40	1.12	04/11/2020 02:34	WG1459039
n-Propylbenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Styrene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Tetrachloroethene	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Toluene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,2,3-Trichlorobenzene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
1,2,4-Trichlorobenzene	ND		0.350	1.12	04/11/2020 02:34	WG1459039
1,1,1-Trichloroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,1,2-Trichloroethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Trichloroethene	ND		0.0280	1.12	04/11/2020 02:34	WG1459039
Trichlorofluoromethane	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
1,2,3-Trichloropropane	ND		0.350	1.12	04/11/2020 02:34	WG1459039
1,2,4-Trimethylbenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,2,3-Trimethylbenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
1,3,5-Trimethylbenzene	ND		0.140	1.12	04/11/2020 02:34	WG1459039
Vinyl chloride	ND		0.0700	1.12	04/11/2020 02:34	WG1459039
Xylenes, Total	ND		0.182	1.12	04/11/2020 02:34	WG1459039
(S) Toluene-d8	*109*		*75.0-131*		*04/11/2020 02:34*	WG1459039
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/11/2020 02:34*	WG1459039
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/11/2020 02:34*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 19:53	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 19:53	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 19:53	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 19:53	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 19:53	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 19:53	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 19:53	WG1460442
(S) Decachlorobiphenyl	*89.8*		*10.0-135*		*04/16/2020 19:53*	WG1460442
(S) Tetrachloro-m-xylene	*86.1*		*10.0-139*		*04/16/2020 19:53*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Naphthalene	ND		0.0200	1	04/15/2020 06:02	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 06:02	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 06:02	WG1460634
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:02	WG1460634
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:02	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 06:02	WG1460634
(S) p-Terphenyl-d14	*75.9*		*23.0-120*		*04/15/2020 06:02*	WG1460634
(S) Nitrobenzene-d5	*84.1*		*14.0-149*		*04/15/2020 06:02*	WG1460634
(S) 2-Fluorobiphenyl	*76.8*		*34.0-125*		*04/15/2020 06:02*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:36	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.40		2.00	1	04/16/2020 01:29	WG1460532
Barium	71.6		0.500	1	04/16/2020 01:29	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:29	WG1460532
Chromium	5.91		1.00	1	04/16/2020 01:29	WG1460532
Lead	9.83		0.500	1	04/16/2020 01:29	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:29	WG1460532
Silver	ND		1.00	1	04/16/2020 01:29	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 02:54	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 02:54	WG1459039
Benzene	ND		0.0250	1	04/11/2020 02:54	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 02:54	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
Bromoform	ND		0.625	1	04/11/2020 02:54	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 02:54	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 02:54	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 02:54	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 02:54	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 02:54	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 02:54	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 02:54	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 02:54	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 02:54	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 02:54	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 02:54	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 02:54	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 02:54	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 02:54	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 02:54	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 02:54	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 02:54	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 02:54	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 02:54	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 02:54	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 02:54	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 02:54	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 02:54	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 02:54	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 02:54	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 02:54	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 02:54	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 02:54	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 02:54	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 02:54	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 02:54	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 02:54	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 02:54	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 02:54	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 02:54	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 02:54	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 02:54	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 02:54	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 02:54	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 02:54	WG1459039
Propene	ND		1.25	1	04/11/2020 02:54	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 02:54	WG1459039
Styrene	ND		0.313	1	04/11/2020 02:54	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 02:54	WG1459039
Toluene	ND		0.125	1	04/11/2020 02:54	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 02:54	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 02:54	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 02:54	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 02:54	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 02:54	WG1459039
1,2,4-Trimethylbenzene	0.230		0.125	1	04/11/2020 02:54	WG1459039
1,2,3-Trimethylbenzene	0.133		0.125	1	04/11/2020 02:54	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 02:54	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 02:54	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 02:54	WG1459039
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 02:54*	WG1459039
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/11/2020 02:54*	WG1459039
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*04/11/2020 02:54*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 20:06	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 20:06	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 20:06	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 20:06	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 20:06	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 20:06	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 20:06	WG1460442
(S) Decachlorobiphenyl	*85.7*		*10.0-135*		*04/16/2020 20:06*	WG1460442
(S) Tetrachloro-m-xylene	*81.7*		*10.0-139*		*04/16/2020 20:06*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Naphthalene	ND		0.0200	1	04/15/2020 06:23	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 06:23	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 06:23	WG1460634
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:23	WG1460634
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:23	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 06:23	WG1460634
(S) p-Terphenyl-d14	*77.8*		*23.0-120*		*04/15/2020 06:23*	WG1460634
(S) Nitrobenzene-d5	*91.0*		*14.0-149*		*04/15/2020 06:23*	WG1460634
(S) 2-Fluorobiphenyl	*73.7*		*34.0-125*		*04/15/2020 06:23*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:38	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.54		2.00	1	04/16/2020 01:32	WG1460532
Barium	134		0.500	1	04/16/2020 01:32	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:32	WG1460532
Chromium	12.9		1.00	1	04/16/2020 01:32	WG1460532
Lead	23.8		0.500	1	04/16/2020 01:32	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:32	WG1460532
Silver	ND		1.00	1	04/16/2020 01:32	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/11/2020 03:14	WG1459039
Acrylonitrile	ND		0.313	1	04/11/2020 03:14	WG1459039
Benzene	ND		0.0250	1	04/11/2020 03:14	WG1459039
Bromobenzene	ND		0.313	1	04/11/2020 03:14	WG1459039
Bromodichloromethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
Bromoform	ND		0.625	1	04/11/2020 03:14	WG1459039
Bromomethane	ND		0.313	1	04/11/2020 03:14	WG1459039
1,3-Butadiene	ND		0.625	1	04/11/2020 03:14	WG1459039
n-Butylbenzene	ND		0.313	1	04/11/2020 03:14	WG1459039
sec-Butylbenzene	ND		0.313	1	04/11/2020 03:14	WG1459039
tert-Butylbenzene	ND		0.125	1	04/11/2020 03:14	WG1459039
Carbon disulfide	ND		0.313	1	04/11/2020 03:14	WG1459039
Carbon tetrachloride	ND		0.125	1	04/11/2020 03:14	WG1459039
Chlorobenzene	ND		0.0625	1	04/11/2020 03:14	WG1459039
Chlorodibromomethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
Chloroethane	ND		0.125	1	04/11/2020 03:14	WG1459039
Chloroform	ND		0.0625	1	04/11/2020 03:14	WG1459039
Chloromethane	ND		0.313	1	04/11/2020 03:14	WG1459039
2-Chlorotoluene	ND		0.0625	1	04/11/2020 03:14	WG1459039
4-Chlorotoluene	ND		0.125	1	04/11/2020 03:14	WG1459039
Cyclohexane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 03:14	WG1459039
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
Dibromomethane	ND		0.125	1	04/11/2020 03:14	WG1459039
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 03:14	WG1459039
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 03:14	WG1459039
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 03:14	WG1459039
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 03:14	WG1459039
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 03:14	WG1459039
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 03:14	WG1459039
1,2-Dichloropropane	ND		0.125	1	04/11/2020 03:14	WG1459039
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,3-Dichloropropane	ND		0.125	1	04/11/2020 03:14	WG1459039
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 03:14	WG1459039
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 03:14	WG1459039
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 03:14	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 03:14	WG1459039
Di-isopropyl ether	ND		0.0250	1	04/11/2020 03:14	WG1459039
Ethylbenzene	ND		0.0625	1	04/11/2020 03:14	WG1459039
4-Ethyltoluene	ND		0.125	1	04/11/2020 03:14	WG1459039
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 03:14	WG1459039
n-Hexane	ND		0.125	1	04/11/2020 03:14	WG1459039
Isopropylbenzene	ND		0.0625	1	04/11/2020 03:14	WG1459039
p-Isopropyltoluene	ND		0.125	1	04/11/2020 03:14	WG1459039
2-Butanone (MEK)	ND		2.50	1	04/11/2020 03:14	WG1459039
Methylene Chloride	ND		0.625	1	04/11/2020 03:14	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 03:14	WG1459039
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 03:14	WG1459039
Methyl Cyclohexane	ND		0.125	1	04/11/2020 03:14	WG1459039
Naphthalene	ND		0.313	1	04/11/2020 03:14	WG1459039
Propene	ND		1.25	1	04/11/2020 03:14	WG1459039
n-Propylbenzene	ND		0.125	1	04/11/2020 03:14	WG1459039
Styrene	ND		0.313	1	04/11/2020 03:14	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
Tetrachloroethene	ND		0.0625	1	04/11/2020 03:14	WG1459039
Toluene	ND		0.125	1	04/11/2020 03:14	WG1459039
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 03:14	WG1459039
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 03:14	WG1459039
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
Trichloroethene	ND		0.0250	1	04/11/2020 03:14	WG1459039
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 03:14	WG1459039
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 03:14	WG1459039
1,2,4-Trimethylbenzene	0.285		0.125	1	04/11/2020 03:14	WG1459039
1,2,3-Trimethylbenzene	0.177		0.125	1	04/11/2020 03:14	WG1459039
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 03:14	WG1459039
Vinyl chloride	ND		0.0625	1	04/11/2020 03:14	WG1459039
Xylenes, Total	ND		0.163	1	04/11/2020 03:14	WG1459039
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 03:14*	WG1459039
(S) 4-Bromofluorobenzene	*94.5*		*67.0-138*		*04/11/2020 03:14*	WG1459039
(S) 1,2-Dichloroethane-d4	*98.4*		*70.0-130*		*04/11/2020 03:14*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 23:26	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 23:26	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 23:26	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 23:26	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 23:26	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 23:26	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 23:26	WG1460442
(S) Decachlorobiphenyl	*75.8*		*10.0-135*		*04/16/2020 23:26*	WG1460442
(S) Tetrachloro-m-xylene	*75.0*		*10.0-139*		*04/16/2020 23:26*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Naphthalene	ND		0.0200	1	04/15/2020 05:00	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 05:00	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 05:00	WG1460634
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:00	WG1460634
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 05:00	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 05:00	WG1460634
(S) p-Terphenyl-d14	*61.2*		*23.0-120*		*04/15/2020 05:00*	WG1460634
(S) Nitrobenzene-d5	*66.4*		*14.0-149*		*04/15/2020 05:00*	WG1460634
(S) 2-Fluorobiphenyl	*63.0*		*34.0-125*		*04/15/2020 05:00*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.103		0.0400	1	04/14/2020 20:44	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.02		2.00	1	04/16/2020 01:35	WG1460532
Barium	123		0.500	1	04/16/2020 01:35	WG1460532
Cadmium	1.33		0.500	1	04/16/2020 01:35	WG1460532
Chromium	14.2		1.00	1	04/16/2020 01:35	WG1460532
Lead	75.5		0.500	1	04/16/2020 01:35	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:35	WG1460532
Silver	ND		1.00	1	04/16/2020 01:35	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.28	1.02	04/11/2020 03:35	WG1459039
Acrylonitrile	ND		0.319	1.02	04/11/2020 03:35	WG1459039
Benzene	ND		0.0255	1.02	04/11/2020 03:35	WG1459039
Bromobenzene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
Bromodichloromethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Bromoform	ND		0.638	1.02	04/11/2020 03:35	WG1459039
Bromomethane	ND		0.319	1.02	04/11/2020 03:35	WG1459039
1,3-Butadiene	ND		0.638	1.02	04/11/2020 03:35	WG1459039
n-Butylbenzene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
sec-Butylbenzene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
tert-Butylbenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Carbon disulfide	ND		0.319	1.02	04/11/2020 03:35	WG1459039
Carbon tetrachloride	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Chlorobenzene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Chlorodibromomethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Chloroethane	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Chloroform	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Chloromethane	ND		0.319	1.02	04/11/2020 03:35	WG1459039
2-Chlorotoluene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
4-Chlorotoluene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Cyclohexane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.638	1.02	04/11/2020 03:35	WG1459039
1,2-Dibromoethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Dibromomethane	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,2-Dichlorobenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,3-Dichlorobenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,4-Dichlorobenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Dichlorodifluoromethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,1-Dichloroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,2-Dichloroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,1-Dichloroethene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
cis-1,2-Dichloroethene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
trans-1,2-Dichloroethene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,2-Dichloropropane	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,1-Dichloropropene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,3-Dichloropropane	ND		0.128	1.02	04/11/2020 03:35	WG1459039
cis-1,3-Dichloropropene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
trans-1,3-Dichloropropene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
2,2-Dichloropropane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
Di-isopropyl ether	ND		0.0255	1.02	04/11/2020 03:35	WG1459039
Ethylbenzene	0.180		0.0638	1.02	04/11/2020 03:35	WG1459039
4-Ethyltoluene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Hexachloro-1,3-butadiene	ND		0.638	1.02	04/11/2020 03:35	WG1459039
n-Hexane	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Isopropylbenzene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
p-Isopropyltoluene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
2-Butanone (MEK)	ND		2.55	1.02	04/11/2020 03:35	WG1459039
Methylene Chloride	ND		0.638	1.02	04/11/2020 03:35	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.638	1.02	04/11/2020 03:35	WG1459039
Methyl tert-butyl ether	ND		0.0255	1.02	04/11/2020 03:35	WG1459039
Methyl Cyclohexane	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Naphthalene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
Propene	ND		1.28	1.02	04/11/2020 03:35	WG1459039
n-Propylbenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Styrene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Tetrachloroethene	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Toluene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,2,3-Trichlorobenzene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
1,2,4-Trichlorobenzene	ND		0.319	1.02	04/11/2020 03:35	WG1459039
1,1,1-Trichloroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,1,2-Trichloroethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Trichloroethene	ND		0.0255	1.02	04/11/2020 03:35	WG1459039
Trichlorofluoromethane	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
1,2,3-Trichloropropane	ND		0.319	1.02	04/11/2020 03:35	WG1459039
1,2,4-Trimethylbenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,2,3-Trimethylbenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
1,3,5-Trimethylbenzene	ND		0.128	1.02	04/11/2020 03:35	WG1459039
Vinyl chloride	ND		0.0638	1.02	04/11/2020 03:35	WG1459039
Xylenes, Total	1.06		0.166	1.02	04/11/2020 03:35	WG1459039
(S) Toluene-d8	*105*		*75.0-131*		*04/11/2020 03:35*	WG1459039
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/11/2020 03:35*	WG1459039
(S) 1,2-Dichloroethane-d4	*99.2*		*70.0-130*		*04/11/2020 03:35*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 23:38	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 23:38	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 23:38	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 23:38	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 23:38	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 23:38	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 23:38	WG1460442
(S) Decachlorobiphenyl	*65.2*		*10.0-135*		*04/16/2020 23:38*	WG1460442
(S) Tetrachloro-m-xylene	*56.6*		*10.0-139*		*04/16/2020 23:38*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0600	10	04/15/2020 07:04	WG1460634
Acenaphthene	ND		0.0600	10	04/15/2020 07:04	WG1460634
Acenaphthylene	ND		0.0600	10	04/15/2020 07:04	WG1460634
Benzo(a)anthracene	0.148		0.0600	10	04/15/2020 07:04	WG1460634
Benzo(a)pyrene	0.209		0.0600	10	04/15/2020 07:04	WG1460634
Benzo(b)fluoranthene	0.367		0.0600	10	04/15/2020 07:04	WG1460634
Benzo(g,h,i)perylene	0.267		0.0600	10	04/15/2020 07:04	WG1460634
Benzo(k)fluoranthene	0.124		0.0600	10	04/15/2020 07:04	WG1460634
Chrysene	0.223		0.0600	10	04/15/2020 07:04	WG1460634
Dibenz(a,h)anthracene	ND		0.0600	10	04/15/2020 07:04	WG1460634
Fluoranthene	0.404		0.0600	10	04/15/2020 07:04	WG1460634
Fluorene	ND		0.0600	10	04/15/2020 07:04	WG1460634
Indeno(1,2,3-cd)pyrene	0.213		0.0600	10	04/15/2020 07:04	WG1460634
Naphthalene	ND		0.200	10	04/15/2020 07:04	WG1460634
Phenanthrene	0.107		0.0600	10	04/15/2020 07:04	WG1460634
Pyrene	0.299		0.0600	10	04/15/2020 07:04	WG1460634
1-Methylnaphthalene	ND		0.200	10	04/15/2020 07:04	WG1460634
2-Methylnaphthalene	ND		0.200	10	04/15/2020 07:04	WG1460634
2-Chloronaphthalene	ND		0.200	10	04/15/2020 07:04	WG1460634
(S) p-Terphenyl-d14	*68.3*		*23.0-120*		*04/15/2020 07:04*	WG1460634
(S) Nitrobenzene-d5	*69.6*		*14.0-149*		*04/15/2020 07:04*	WG1460634
(S) 2-Fluorobiphenyl	*79.4*		*34.0-125*		*04/15/2020 07:04*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0973		0.0400	1	04/14/2020 20:46	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.43		2.00	1	04/16/2020 01:43	WG1460532
Barium	119		0.500	1	04/16/2020 01:43	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:43	WG1460532
Chromium	10.9		1.00	1	04/16/2020 01:43	WG1460532
Lead	41.3		0.500	1	04/16/2020 01:43	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:43	WG1460532
Silver	ND		1.00	1	04/16/2020 01:43	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.29	1.03	04/11/2020 03:55	WG1459039
Acrylonitrile	ND		0.322	1.03	04/11/2020 03:55	WG1459039
Benzene	ND		0.0258	1.03	04/11/2020 03:55	WG1459039
Bromobenzene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
Bromodichloromethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Bromoform	ND		0.644	1.03	04/11/2020 03:55	WG1459039
Bromomethane	ND		0.322	1.03	04/11/2020 03:55	WG1459039
1,3-Butadiene	ND		0.644	1.03	04/11/2020 03:55	WG1459039
n-Butylbenzene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
sec-Butylbenzene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
tert-Butylbenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Carbon disulfide	ND		0.322	1.03	04/11/2020 03:55	WG1459039
Carbon tetrachloride	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Chlorobenzene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Chlorodibromomethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Chloroethane	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Chloroform	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Chloromethane	ND		0.322	1.03	04/11/2020 03:55	WG1459039
2-Chlorotoluene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
4-Chlorotoluene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Cyclohexane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.644	1.03	04/11/2020 03:55	WG1459039
1,2-Dibromoethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Dibromomethane	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,2-Dichlorobenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,3-Dichlorobenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,4-Dichlorobenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Dichlorodifluoromethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,1-Dichloroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,2-Dichloroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,1-Dichloroethene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
cis-1,2-Dichloroethene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
trans-1,2-Dichloroethene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,2-Dichloropropane	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,1-Dichloropropene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,3-Dichloropropane	ND		0.129	1.03	04/11/2020 03:55	WG1459039
cis-1,3-Dichloropropene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
trans-1,3-Dichloropropene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
2,2-Dichloropropane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
Di-isopropyl ether	ND		0.0258	1.03	04/11/2020 03:55	WG1459039
Ethylbenzene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
4-Ethyltoluene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Hexachloro-1,3-butadiene	ND		0.644	1.03	04/11/2020 03:55	WG1459039
n-Hexane	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Isopropylbenzene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
p-Isopropyltoluene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
2-Butanone (MEK)	ND		2.58	1.03	04/11/2020 03:55	WG1459039
Methylene Chloride	ND		0.644	1.03	04/11/2020 03:55	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.644	1.03	04/11/2020 03:55	WG1459039
Methyl tert-butyl ether	ND		0.0258	1.03	04/11/2020 03:55	WG1459039
Methyl Cyclohexane	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Naphthalene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
Propene	ND		1.29	1.03	04/11/2020 03:55	WG1459039
n-Propylbenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Styrene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Tetrachloroethene	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Toluene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,2,3-Trichlorobenzene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
1,2,4-Trichlorobenzene	ND		0.322	1.03	04/11/2020 03:55	WG1459039
1,1,1-Trichloroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,1,2-Trichloroethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Trichloroethene	ND		0.0258	1.03	04/11/2020 03:55	WG1459039
Trichlorofluoromethane	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
1,2,3-Trichloropropane	ND		0.322	1.03	04/11/2020 03:55	WG1459039
1,2,4-Trimethylbenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,2,3-Trimethylbenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
1,3,5-Trimethylbenzene	ND		0.129	1.03	04/11/2020 03:55	WG1459039
Vinyl chloride	ND		0.0644	1.03	04/11/2020 03:55	WG1459039
Xylenes, Total	ND		0.167	1.03	04/11/2020 03:55	WG1459039
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 03:55*	WG1459039
(S) 4-Bromofluorobenzene	*98.6*		*67.0-138*		*04/11/2020 03:55*	WG1459039
(S) 1,2-Dichloroethane-d4	*96.2*		*70.0-130*		*04/11/2020 03:55*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 19:03	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 19:03	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 19:03	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 19:03	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 19:03	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 19:03	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 19:03	WG1460442
(S) Decachlorobiphenyl	*88.9*		*10.0-135*		*04/16/2020 19:03*	WG1460442
(S) Tetrachloro-m-xylene	*84.8*		*10.0-139*		*04/16/2020 19:03*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Acenaphthene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Acenaphthylene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Chrysene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Fluoranthene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Fluorene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Naphthalene	ND		0.0200	1	04/15/2020 06:44	WG1460634
Phenanthrene	ND		0.00600	1	04/15/2020 06:44	WG1460634
Pyrene	ND		0.00600	1	04/15/2020 06:44	WG1460634
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:44	WG1460634
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 06:44	WG1460634
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 06:44	WG1460634
(S) p-Terphenyl-d14	*65.2*		*23.0-120*		*04/15/2020 06:44*	WG1460634
(S) Nitrobenzene-d5	*75.0*		*14.0-149*		*04/15/2020 06:44*	WG1460634
(S) 2-Fluorobiphenyl	*68.9*		*34.0-125*		*04/15/2020 06:44*	WG1460634

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:48	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.12		2.00	1	04/16/2020 01:46	WG1460532
Barium	152		0.500	1	04/16/2020 01:46	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:46	WG1460532
Chromium	11.5		1.00	1	04/16/2020 01:46	WG1460532
Lead	26.4		0.500	1	04/16/2020 01:46	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:46	WG1460532
Silver	ND		1.00	1	04/16/2020 01:46	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.26	1.01	04/11/2020 04:16	WG1459039
Acrylonitrile	ND		0.316	1.01	04/11/2020 04:16	WG1459039
Benzene	ND		0.0253	1.01	04/11/2020 04:16	WG1459039
Bromobenzene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
Bromodichloromethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Bromoform	ND		0.631	1.01	04/11/2020 04:16	WG1459039
Bromomethane	ND		0.316	1.01	04/11/2020 04:16	WG1459039
1,3-Butadiene	ND		0.631	1.01	04/11/2020 04:16	WG1459039
n-Butylbenzene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
sec-Butylbenzene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
tert-Butylbenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Carbon disulfide	ND		0.316	1.01	04/11/2020 04:16	WG1459039
Carbon tetrachloride	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Chlorobenzene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Chlorodibromomethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Chloroethane	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Chloroform	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Chloromethane	ND		0.316	1.01	04/11/2020 04:16	WG1459039
2-Chlorotoluene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
4-Chlorotoluene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Cyclohexane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.631	1.01	04/11/2020 04:16	WG1459039
1,2-Dibromoethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Dibromomethane	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,2-Dichlorobenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,3-Dichlorobenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,4-Dichlorobenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Dichlorodifluoromethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,1-Dichloroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,2-Dichloroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,1-Dichloroethene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
cis-1,2-Dichloroethene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
trans-1,2-Dichloroethene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,2-Dichloropropane	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,1-Dichloropropene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,3-Dichloropropane	ND		0.126	1.01	04/11/2020 04:16	WG1459039
cis-1,3-Dichloropropene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
trans-1,3-Dichloropropene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
2,2-Dichloropropane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
Di-isopropyl ether	ND		0.0253	1.01	04/11/2020 04:16	WG1459039
Ethylbenzene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
4-Ethyltoluene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Hexachloro-1,3-butadiene	ND		0.631	1.01	04/11/2020 04:16	WG1459039
n-Hexane	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Isopropylbenzene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
p-Isopropyltoluene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
2-Butanone (MEK)	ND		2.53	1.01	04/11/2020 04:16	WG1459039
Methylene Chloride	ND		0.631	1.01	04/11/2020 04:16	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.631	1.01	04/11/2020 04:16	WG1459039
Methyl tert-butyl ether	ND		0.0253	1.01	04/11/2020 04:16	WG1459039
Methyl Cyclohexane	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Naphthalene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
Propene	ND		1.26	1.01	04/11/2020 04:16	WG1459039
n-Propylbenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Styrene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Tetrachloroethene	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Toluene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,2,3-Trichlorobenzene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
1,2,4-Trichlorobenzene	ND		0.316	1.01	04/11/2020 04:16	WG1459039
1,1,1-Trichloroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,1,2-Trichloroethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Trichloroethene	ND		0.0253	1.01	04/11/2020 04:16	WG1459039
Trichlorofluoromethane	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
1,2,3-Trichloropropane	ND		0.316	1.01	04/11/2020 04:16	WG1459039
1,2,4-Trimethylbenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,2,3-Trimethylbenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
1,3,5-Trimethylbenzene	ND		0.126	1.01	04/11/2020 04:16	WG1459039
Vinyl chloride	ND		0.0631	1.01	04/11/2020 04:16	WG1459039
Xylenes, Total	ND		0.164	1.01	04/11/2020 04:16	WG1459039
(S) Toluene-d8	*102*		*75.0-131*		*04/11/2020 04:16*	WG1459039
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/11/2020 04:16*	WG1459039
(S) 1,2-Dichloroethane-d4	*102*		*70.0-130*		*04/11/2020 04:16*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 23:51	WG1460442
PCB 1221	ND		0.0340	1	04/16/2020 23:51	WG1460442
PCB 1232	ND		0.0340	1	04/16/2020 23:51	WG1460442
PCB 1242	ND		0.0340	1	04/16/2020 23:51	WG1460442
PCB 1248	ND		0.0170	1	04/16/2020 23:51	WG1460442
PCB 1254	ND		0.0170	1	04/16/2020 23:51	WG1460442
PCB 1260	ND		0.0170	1	04/16/2020 23:51	WG1460442
(S) Decachlorobiphenyl	*92.3*		*10.0-135*		*04/16/2020 23:51*	WG1460442
(S) Tetrachloro-m-xylene	*81.8*		*10.0-139*		*04/16/2020 23:51*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 08:56	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 08:56	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 08:56	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 08:56	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 08:56	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 08:56	WG1460635
(S) p-Terphenyl-d14	*29.7*		*23.0-120*		*04/15/2020 08:56*	WG1460635
(S) Nitrobenzene-d5	*39.7*		*14.0-149*		*04/15/2020 08:56*	WG1460635
(S) 2-Fluorobiphenyl	*26.8*	S6	*34.0-125*		*04/15/2020 08:56*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 20:50	WG1460558

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.24		2.00	1	04/16/2020 01:48	WG1460532
Barium	128		0.500	1	04/16/2020 01:48	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:48	WG1460532
Chromium	15.6		1.00	1	04/16/2020 01:48	WG1460532
Lead	12.1		0.500	1	04/16/2020 01:48	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:48	WG1460532
Silver	ND		1.00	1	04/16/2020 01:48	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.26	1.01	04/11/2020 04:36	WG1459039
Acrylonitrile	ND		0.316	1.01	04/11/2020 04:36	WG1459039
Benzene	ND		0.0253	1.01	04/11/2020 04:36	WG1459039
Bromobenzene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
Bromodichloromethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Bromoform	ND		0.631	1.01	04/11/2020 04:36	WG1459039
Bromomethane	ND		0.316	1.01	04/11/2020 04:36	WG1459039
1,3-Butadiene	ND		0.631	1.01	04/11/2020 04:36	WG1459039
n-Butylbenzene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
sec-Butylbenzene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
tert-Butylbenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Carbon disulfide	ND		0.316	1.01	04/11/2020 04:36	WG1459039
Carbon tetrachloride	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Chlorobenzene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Chlorodibromomethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Chloroethane	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Chloroform	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Chloromethane	ND		0.316	1.01	04/11/2020 04:36	WG1459039
2-Chlorotoluene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
4-Chlorotoluene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Cyclohexane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,2-Dibromo-3-Chloropropane	ND		0.631	1.01	04/11/2020 04:36	WG1459039
1,2-Dibromoethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Dibromomethane	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,2-Dichlorobenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,3-Dichlorobenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,4-Dichlorobenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Dichlorodifluoromethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,1-Dichloroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,2-Dichloroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,1-Dichloroethene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
cis-1,2-Dichloroethene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
trans-1,2-Dichloroethene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,2-Dichloropropane	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,1-Dichloropropene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,3-Dichloropropane	ND		0.126	1.01	04/11/2020 04:36	WG1459039
cis-1,3-Dichloropropene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
trans-1,3-Dichloropropene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
2,2-Dichloropropane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
Di-isopropyl ether	ND		0.0253	1.01	04/11/2020 04:36	WG1459039
Ethylbenzene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
4-Ethyltoluene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Hexachloro-1,3-butadiene	ND		0.631	1.01	04/11/2020 04:36	WG1459039
n-Hexane	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Isopropylbenzene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
p-Isopropyltoluene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
2-Butanone (MEK)	ND		2.53	1.01	04/11/2020 04:36	WG1459039
Methylene Chloride	ND		0.631	1.01	04/11/2020 04:36	WG1459039
4-Methyl-2-pentanone (MIBK)	ND		0.631	1.01	04/11/2020 04:36	WG1459039
Methyl tert-butyl ether	ND		0.0253	1.01	04/11/2020 04:36	WG1459039
Methyl Cyclohexane	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Naphthalene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
Propene	ND		1.26	1.01	04/11/2020 04:36	WG1459039
n-Propylbenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Styrene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
1,1,1,2-Tetrachloroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,1,2,2-Tetrachloroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,1,2-Trichlorotrifluoroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Tetrachloroethene	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Toluene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,2,3-Trichlorobenzene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
1,2,4-Trichlorobenzene	ND		0.316	1.01	04/11/2020 04:36	WG1459039
1,1,1-Trichloroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,1,2-Trichloroethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Trichloroethene	ND		0.0253	1.01	04/11/2020 04:36	WG1459039
Trichlorofluoromethane	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
1,2,3-Trichloropropane	ND		0.316	1.01	04/11/2020 04:36	WG1459039
1,2,4-Trimethylbenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,2,3-Trimethylbenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
1,3,5-Trimethylbenzene	ND		0.126	1.01	04/11/2020 04:36	WG1459039
Vinyl chloride	ND		0.0631	1.01	04/11/2020 04:36	WG1459039
Xylenes, Total	ND		0.164	1.01	04/11/2020 04:36	WG1459039
(S) Toluene-d8	*106*		*75.0-131*		*04/11/2020 04:36*	WG1459039
(S) 4-Bromofluorobenzene	*99.6*		*67.0-138*		*04/11/2020 04:36*	WG1459039
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*04/11/2020 04:36*	WG1459039

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 00:03	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 00:03	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 00:03	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 00:03	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 00:03	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 00:03	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 00:03	WG1460442
(S) Decachlorobiphenyl	*93.8*		*10.0-135*		*04/17/2020 00:03*	WG1460442
(S) Tetrachloro-m-xylene	*83.6*		*10.0-139*		*04/17/2020 00:03*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 17:04	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 17:04	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 17:04	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:04	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:04	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 17:04	WG1460635
(S) p-Terphenyl-d14	*48.6*		*23.0-120*		*04/15/2020 17:04*	WG1460635
(S) Nitrobenzene-d5	*72.0*		*14.0-149*		*04/15/2020 17:04*	WG1460635
(S) 2-Fluorobiphenyl	*45.3*		*34.0-125*		*04/15/2020 17:04*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:02	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.58		2.00	1	04/16/2020 01:51	WG1460532
Barium	131		0.500	1	04/16/2020 01:51	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:51	WG1460532
Chromium	12.1		1.00	1	04/16/2020 01:51	WG1460532
Lead	17.2		0.500	1	04/16/2020 01:51	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:51	WG1460532
Silver	ND		1.00	1	04/16/2020 01:51	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 21:42	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 21:42	WG1459102
Benzene	ND		0.0250	1	04/13/2020 21:42	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 21:42	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
Bromoform	ND		0.625	1	04/13/2020 21:42	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 21:42	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 21:42	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 21:42	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 21:42	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 21:42	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 21:42	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 21:42	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 21:42	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 21:42	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 21:42	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 21:42	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 21:42	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 21:42	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 21:42	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 21:42	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 21:42	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 21:42	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 21:42	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 21:42	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 21:42	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 21:42	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 21:42	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 21:42	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 21:42	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 21:42	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 21:42	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 21:42	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 21:42	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 21:42	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 21:42	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 21:42	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 21:42	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 21:42	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 21:42	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 21:42	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 21:42	WG1459102
Propene	ND		1.25	1	04/13/2020 21:42	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
Styrene	ND		0.313	1	04/13/2020 21:42	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 21:42	WG1459102
Toluene	ND		0.125	1	04/13/2020 21:42	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 21:42	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 21:42	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 21:42	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 21:42	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 21:42	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 21:42	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 21:42	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 21:42	WG1459102
(S) Toluene-d8	*105*		*75.0-131*		*04/13/2020 21:42*	WG1459102
(S) 4-Bromofluorobenzene	*97.6*		*67.0-138*		*04/13/2020 21:42*	WG1459102
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*04/13/2020 21:42*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 00:15	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 00:15	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 00:15	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 00:15	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 00:15	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 00:15	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 00:15	WG1460442
(S) Decachlorobiphenyl	*83.6*		*10.0-135*		*04/17/2020 00:15*	WG1460442
(S) Tetrachloro-m-xylene	*78.9*		*10.0-139*		*04/17/2020 00:15*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 17:26	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 17:26	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 17:26	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:26	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:26	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 17:26	WG1460635
(S) p-Terphenyl-d14	*50.4*		*23.0-120*		*04/15/2020 17:26*	WG1460635
(S) Nitrobenzene-d5	*68.1*		*14.0-149*		*04/15/2020 17:26*	WG1460635
(S) 2-Fluorobiphenyl	*46.0*		*34.0-125*		*04/15/2020 17:26*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:08	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	14.1		2.00	1	04/16/2020 01:53	WG1460532
Barium	45.4		0.500	1	04/16/2020 01:53	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:53	WG1460532
Chromium	3.92		1.00	1	04/16/2020 01:53	WG1460532
Lead	6.28		0.500	1	04/16/2020 01:53	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:53	WG1460532
Silver	ND		1.00	1	04/16/2020 01:53	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 22:03	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 22:03	WG1459102
Benzene	ND		0.0250	1	04/13/2020 22:03	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 22:03	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
Bromoform	ND		0.625	1	04/13/2020 22:03	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 22:03	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 22:03	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 22:03	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 22:03	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 22:03	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 22:03	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 22:03	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 22:03	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 22:03	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 22:03	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 22:03	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 22:03	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 22:03	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 22:03	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 22:03	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 22:03	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 22:03	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 22:03	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 22:03	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 22:03	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 22:03	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 22:03	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 22:03	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 22:03	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 22:03	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 22:03	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 22:03	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 22:03	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 22:03	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 22:03	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 22:03	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 22:03	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 22:03	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 22:03	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 22:03	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 22:03	WG1459102
Propene	ND		1.25	1	04/13/2020 22:03	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
Styrene	ND		0.313	1	04/13/2020 22:03	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 22:03	WG1459102
Toluene	ND		0.125	1	04/13/2020 22:03	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 22:03	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 22:03	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 22:03	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 22:03	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 22:03	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 22:03	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 22:03	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 22:03	WG1459102
(S) Toluene-d8	*102*		*75.0-131*		*04/13/2020 22:03*	WG1459102
(S) 4-Bromofluorobenzene	*93.6*		*67.0-138*		*04/13/2020 22:03*	WG1459102
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*04/13/2020 22:03*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 00:28	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 00:28	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 00:28	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 00:28	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 00:28	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 00:28	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 00:28	WG1460442
(S) Decachlorobiphenyl	*97.9*		*10.0-135*		*04/17/2020 00:28*	WG1460442
(S) Tetrachloro-m-xylene	*86.0*		*10.0-139*		*04/17/2020 00:28*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 17:48	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 17:48	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 17:48	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:48	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:48	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 17:48	WG1460635
(S) p-Terphenyl-d14	*73.2*		*23.0-120*		*04/15/2020 17:48*	WG1460635
(S) Nitrobenzene-d5	*97.3*		*14.0-149*		*04/15/2020 17:48*	WG1460635
(S) 2-Fluorobiphenyl	*66.4*		*34.0-125*		*04/15/2020 17:48*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:10	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.69		2.00	1	04/16/2020 01:56	WG1460532
Barium	228		0.500	1	04/16/2020 01:56	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:56	WG1460532
Chromium	2.65		1.00	1	04/16/2020 01:56	WG1460532
Lead	8.44		0.500	1	04/16/2020 01:56	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:56	WG1460532
Silver	ND		1.00	1	04/16/2020 01:56	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 22:24	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 22:24	WG1459102
Benzene	ND		0.0250	1	04/13/2020 22:24	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 22:24	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
Bromoform	ND		0.625	1	04/13/2020 22:24	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 22:24	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 22:24	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 22:24	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 22:24	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 22:24	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 22:24	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 22:24	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 22:24	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 22:24	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 22:24	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 22:24	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 22:24	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 22:24	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 22:24	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 22:24	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 22:24	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 22:24	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 22:24	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 22:24	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 22:24	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 22:24	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 22:24	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 22:24	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 22:24	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 22:24	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 22:24	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 22:24	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 22:24	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 22:24	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 22:24	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 22:24	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 22:24	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 22:24	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 22:24	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 22:24	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 22:24	WG1459102
Propene	ND		1.25	1	04/13/2020 22:24	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
Styrene	ND		0.313	1	04/13/2020 22:24	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 22:24	WG1459102
Toluene	ND		0.125	1	04/13/2020 22:24	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 22:24	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 22:24	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 22:24	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 22:24	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 22:24	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 22:24	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 22:24	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 22:24	WG1459102
(S) Toluene-d8	*104*		*75.0-131*		*04/13/2020 22:24*	WG1459102
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/13/2020 22:24*	WG1459102
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*04/13/2020 22:24*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 00:40	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 00:40	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 00:40	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 00:40	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 00:40	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 00:40	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 00:40	WG1460442
(S) Decachlorobiphenyl	*96.8*		*10.0-135*		*04/17/2020 00:40*	WG1460442
(S) Tetrachloro-m-xylene	*83.4*		*10.0-139*		*04/17/2020 00:40*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 18:11	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 18:11	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 18:11	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 18:11	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 18:11	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 18:11	WG1460635
(S) p-Terphenyl-d14	*74.7*		*23.0-120*		*04/15/2020 18:11*	WG1460635
(S) Nitrobenzene-d5	*99.6*		*14.0-149*		*04/15/2020 18:11*	WG1460635
(S) 2-Fluorobiphenyl	*67.7*		*34.0-125*		*04/15/2020 18:11*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:12	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.24		2.00	1	04/16/2020 01:59	WG1460532
Barium	78.4		0.500	1	04/16/2020 01:59	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:59	WG1460532
Chromium	9.05		1.00	1	04/16/2020 01:59	WG1460532
Lead	18.2		0.500	1	04/16/2020 01:59	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:59	WG1460532
Silver	ND		1.00	1	04/16/2020 01:59	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 22:44	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 22:44	WG1459102
Benzene	ND		0.0250	1	04/13/2020 22:44	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 22:44	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
Bromoform	ND		0.625	1	04/13/2020 22:44	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 22:44	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 22:44	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 22:44	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 22:44	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 22:44	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 22:44	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 22:44	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 22:44	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 22:44	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 22:44	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 22:44	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 22:44	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 22:44	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 22:44	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 22:44	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 22:44	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 22:44	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 22:44	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 22:44	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 22:44	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 22:44	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 22:44	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 22:44	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 22:44	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 22:44	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 22:44	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 22:44	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 22:44	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 22:44	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 22:44	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 22:44	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 22:44	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 22:44	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 22:44	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 22:44	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 22:44	WG1459102
Propene	ND		1.25	1	04/13/2020 22:44	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
Styrene	ND		0.313	1	04/13/2020 22:44	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 22:44	WG1459102
Toluene	ND		0.125	1	04/13/2020 22:44	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 22:44	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 22:44	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 22:44	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 22:44	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 22:44	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 22:44	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 22:44	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 22:44	WG1459102
(S) Toluene-d8	*103*		*75.0-131*		*04/13/2020 22:44*	WG1459102
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/13/2020 22:44*	WG1459102
(S) 1,2-Dichloroethane-d4	*107*		*70.0-130*		*04/13/2020 22:44*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 00:53	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 00:53	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 00:53	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 00:53	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 00:53	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 00:53	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 00:53	WG1460442
(S) Decachlorobiphenyl	*78.3*		*10.0-135*		*04/17/2020 00:53*	WG1460442
(S) Tetrachloro-m-xylene	*79.9*		*10.0-139*		*04/17/2020 00:53*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Acenaphthene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Fluorene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 12:23	WG1461264
Phenanthrene	ND		0.00600	1	04/16/2020 12:23	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 12:23	WG1461264
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 12:23	WG1461264
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 12:23	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 12:23	WG1461264
(S) p-Terphenyl-d14	*57.4*		*23.0-120*		*04/16/2020 12:23*	WG1461264
(S) Nitrobenzene-d5	*75.6*		*14.0-149*		*04/16/2020 12:23*	WG1461264
(S) 2-Fluorobiphenyl	*60.9*		*34.0-125*		*04/16/2020 12:23*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:14	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.40		2.00	1	04/16/2020 02:01	WG1460532
Barium	116		0.500	1	04/16/2020 02:01	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:01	WG1460532
Chromium	6.82		1.00	1	04/16/2020 02:01	WG1460532
Lead	12.2		0.500	1	04/16/2020 02:01	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:01	WG1460532
Silver	ND		1.00	1	04/16/2020 02:01	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 23:05	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 23:05	WG1459102
Benzene	ND		0.0250	1	04/13/2020 23:05	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 23:05	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
Bromoform	ND		0.625	1	04/13/2020 23:05	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 23:05	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 23:05	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 23:05	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 23:05	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 23:05	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 23:05	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 23:05	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 23:05	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 23:05	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 23:05	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 23:05	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 23:05	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 23:05	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 23:05	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 23:05	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 23:05	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 23:05	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 23:05	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 23:05	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 23:05	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 23:05	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 23:05	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 23:05	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 23:05	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 23:05	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 23:05	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 23:05	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 23:05	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 23:05	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 23:05	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 23:05	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 23:05	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 23:05	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 23:05	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 23:05	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 23:05	WG1459102
Propene	ND		1.25	1	04/13/2020 23:05	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
Styrene	ND		0.313	1	04/13/2020 23:05	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 23:05	WG1459102
Toluene	ND		0.125	1	04/13/2020 23:05	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 23:05	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 23:05	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 23:05	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 23:05	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 23:05	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 23:05	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 23:05	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 23:05	WG1459102
(S) Toluene-d8	*103*		*75.0-131*		*04/13/2020 23:05*	WG1459102
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/13/2020 23:05*	WG1459102
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/13/2020 23:05*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 01:05	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 01:05	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 01:05	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 01:05	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 01:05	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 01:05	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 01:05	WG1460442
(S) Decachlorobiphenyl	*82.4*		*10.0-135*		*04/17/2020 01:05*	WG1460442
(S) Tetrachloro-m-xylene	*73.9*		*10.0-139*		*04/17/2020 01:05*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Acenaphthene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Acenaphthylene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Chrysene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Fluoranthene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Fluorene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Naphthalene	ND		0.0200	1	04/16/2020 22:17	WG1461394
Phenanthrene	ND		0.00600	1	04/16/2020 22:17	WG1461394
Pyrene	ND		0.00600	1	04/16/2020 22:17	WG1461394
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 22:17	WG1461394
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 22:17	WG1461394
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 22:17	WG1461394
(S) p-Terphenyl-d14	*72.6*		*23.0-120*		*04/16/2020 22:17*	WG1461394
(S) Nitrobenzene-d5	*83.5*		*14.0-149*		*04/16/2020 22:17*	WG1461394
(S) 2-Fluorobiphenyl	*73.0*		*34.0-125*		*04/16/2020 22:17*	WG1461394

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0650		0.0400	1	04/14/2020 21:15	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.64		2.00	1	04/16/2020 02:04	WG1460532
Barium	141		0.500	1	04/16/2020 02:04	WG1460532
Cadmium	0.568		0.500	1	04/16/2020 02:04	WG1460532
Chromium	14.3		1.00	1	04/16/2020 02:04	WG1460532
Lead	72.2		0.500	1	04/16/2020 02:04	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:04	WG1460532
Silver	ND		1.00	1	04/16/2020 02:04	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 23:25	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 23:25	WG1459102
Benzene	ND		0.0250	1	04/13/2020 23:25	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 23:25	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
Bromoform	ND		0.625	1	04/13/2020 23:25	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 23:25	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 23:25	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 23:25	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 23:25	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 23:25	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 23:25	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 23:25	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 23:25	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 23:25	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 23:25	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 23:25	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 23:25	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 23:25	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 23:25	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 23:25	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 23:25	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 23:25	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 23:25	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 23:25	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 23:25	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 23:25	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 23:25	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 23:25	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 23:25	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 23:25	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 23:25	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 23:25	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 23:25	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 23:25	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 23:25	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 23:25	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 23:25	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 23:25	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 23:25	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 23:25	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 23:25	WG1459102
Propene	ND		1.25	1	04/13/2020 23:25	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
Styrene	ND		0.313	1	04/13/2020 23:25	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 23:25	WG1459102
Toluene	ND		0.125	1	04/13/2020 23:25	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 23:25	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 23:25	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 23:25	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 23:25	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 23:25	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 23:25	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 23:25	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 23:25	WG1459102
(S) Toluene-d8	*103*		*75.0-131*		*04/13/2020 23:25*	WG1459102
(S) 4-Bromofluorobenzene	*96.0*		*67.0-138*		*04/13/2020 23:25*	WG1459102
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/13/2020 23:25*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 01:18	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 01:18	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 01:18	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 01:18	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 01:18	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 01:18	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 01:18	WG1460442
(S) Decachlorobiphenyl	*73.9*		*10.0-135*		*04/17/2020 01:18*	WG1460442
(S) Tetrachloro-m-xylene	*64.2*		*10.0-139*		*04/17/2020 01:18*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 16:42	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 16:42	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 16:42	WG1460635
Benzo(a)anthracene	0.0233		0.00600	1	04/15/2020 16:42	WG1460635
Benzo(a)pyrene	0.0310		0.00600	1	04/15/2020 16:42	WG1460635
Benzo(b)fluoranthene	0.0600		0.00600	1	04/15/2020 16:42	WG1460635
Benzo(g,h,i)perylene	0.0356		0.00600	1	04/15/2020 16:42	WG1460635
Benzo(k)fluoranthene	0.0179		0.00600	1	04/15/2020 16:42	WG1460635
Chrysene	0.0301		0.00600	1	04/15/2020 16:42	WG1460635
Dibenz(a,h)anthracene	0.00743		0.00600	1	04/15/2020 16:42	WG1460635
Fluoranthene	0.0781		0.00600	1	04/15/2020 16:42	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 16:42	WG1460635
Indeno(1,2,3-cd)pyrene	0.0293		0.00600	1	04/15/2020 16:42	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 16:42	WG1460635
Phenanthrene	0.0153		0.00600	1	04/15/2020 16:42	WG1460635
Pyrene	0.0520		0.00600	1	04/15/2020 16:42	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 16:42	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 16:42	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 16:42	WG1460635
(S) p-Terphenyl-d14	*72.8*		*23.0-120*		*04/15/2020 16:42*	WG1460635
(S) Nitrobenzene-d5	*98.4*		*14.0-149*		*04/15/2020 16:42*	WG1460635
(S) 2-Fluorobiphenyl	*68.3*		*34.0-125*		*04/15/2020 16:42*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:17	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.99		2.00	1	04/16/2020 02:07	WG1460532
Barium	104		0.500	1	04/16/2020 02:07	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:07	WG1460532
Chromium	11.9		1.00	1	04/16/2020 02:07	WG1460532
Lead	16.2		0.500	1	04/16/2020 02:07	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:07	WG1460532
Silver	ND		1.00	1	04/16/2020 02:07	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/13/2020 23:46	WG1459102
Acrylonitrile	ND		0.313	1	04/13/2020 23:46	WG1459102
Benzene	ND		0.0250	1	04/13/2020 23:46	WG1459102
Bromobenzene	ND		0.313	1	04/13/2020 23:46	WG1459102
Bromodichloromethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
Bromoform	ND		0.625	1	04/13/2020 23:46	WG1459102
Bromomethane	ND		0.313	1	04/13/2020 23:46	WG1459102
1,3-Butadiene	ND		0.625	1	04/13/2020 23:46	WG1459102
n-Butylbenzene	ND		0.313	1	04/13/2020 23:46	WG1459102
sec-Butylbenzene	ND		0.313	1	04/13/2020 23:46	WG1459102
tert-Butylbenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
Carbon disulfide	ND		0.313	1	04/13/2020 23:46	WG1459102
Carbon tetrachloride	ND		0.125	1	04/13/2020 23:46	WG1459102
Chlorobenzene	ND		0.0625	1	04/13/2020 23:46	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
Chloroethane	ND		0.125	1	04/13/2020 23:46	WG1459102
Chloroform	ND		0.0625	1	04/13/2020 23:46	WG1459102
Chloromethane	ND		0.313	1	04/13/2020 23:46	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/13/2020 23:46	WG1459102
4-Chlorotoluene	ND		0.125	1	04/13/2020 23:46	WG1459102
Cyclohexane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/13/2020 23:46	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
Dibromomethane	ND		0.125	1	04/13/2020 23:46	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/13/2020 23:46	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/13/2020 23:46	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/13/2020 23:46	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/13/2020 23:46	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/13/2020 23:46	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/13/2020 23:46	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/13/2020 23:46	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/13/2020 23:46	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/13/2020 23:46	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/13/2020 23:46	WG1459102
Ethylbenzene	ND		0.0625	1	04/13/2020 23:46	WG1459102
4-Ethyltoluene	ND		0.125	1	04/13/2020 23:46	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/13/2020 23:46	WG1459102
n-Hexane	ND		0.125	1	04/13/2020 23:46	WG1459102
Isopropylbenzene	ND		0.0625	1	04/13/2020 23:46	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/13/2020 23:46	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/13/2020 23:46	WG1459102
Methylene Chloride	ND		0.625	1	04/13/2020 23:46	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/13/2020 23:46	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/13/2020 23:46	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/13/2020 23:46	WG1459102
Naphthalene	ND		0.313	1	04/13/2020 23:46	WG1459102
Propene	ND		1.25	1	04/13/2020 23:46	WG1459102
n-Propylbenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
Styrene	ND		0.313	1	04/13/2020 23:46	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
Tetrachloroethene	ND		0.0625	1	04/13/2020 23:46	WG1459102
Toluene	ND		0.125	1	04/13/2020 23:46	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/13/2020 23:46	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/13/2020 23:46	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
Trichloroethene	ND		0.0250	1	04/13/2020 23:46	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/13/2020 23:46	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/13/2020 23:46	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/13/2020 23:46	WG1459102
Vinyl chloride	ND		0.0625	1	04/13/2020 23:46	WG1459102
Xylenes, Total	ND		0.163	1	04/13/2020 23:46	WG1459102
(S) Toluene-d8	*104*		*75.0-131*		*04/13/2020 23:46*	WG1459102
(S) 4-Bromofluorobenzene	*98.0*		*67.0-138*		*04/13/2020 23:46*	WG1459102
(S) 1,2-Dichloroethane-d4	*99.5*		*70.0-130*		*04/13/2020 23:46*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 01:30	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 01:30	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 01:30	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 01:30	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 01:30	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 01:30	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 01:30	WG1460442
(S) Decachlorobiphenyl	*83.2*		*10.0-135*		*04/17/2020 01:30*	WG1460442
(S) Tetrachloro-m-xylene	*73.2*		*10.0-139*		*04/17/2020 01:30*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 19:04	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 19:04	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 19:04	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 19:04	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 19:04	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 19:04	WG1460635
(S) p-Terphenyl-d14	*48.2*		*23.0-120*		*04/15/2020 19:04*	WG1460635
(S) Nitrobenzene-d5	*39.2*		*14.0-149*		*04/15/2020 19:04*	WG1460635
(S) 2-Fluorobiphenyl	*54.2*		*34.0-125*		*04/15/2020 19:04*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:19	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.18		2.00	1	04/16/2020 02:15	WG1460532
Barium	144		0.500	1	04/16/2020 02:15	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:15	WG1460532
Chromium	10.6		1.00	1	04/16/2020 02:15	WG1460532
Lead	15.7		0.500	1	04/16/2020 02:15	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:15	WG1460532
Silver	ND		1.00	1	04/16/2020 02:15	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 00:06	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 00:06	WG1459102
Benzene	ND		0.0250	1	04/14/2020 00:06	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 00:06	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
Bromoform	ND		0.625	1	04/14/2020 00:06	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 00:06	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 00:06	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 00:06	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 00:06	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 00:06	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 00:06	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 00:06	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 00:06	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 00:06	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 00:06	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 00:06	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 00:06	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 00:06	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 00:06	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 00:06	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 00:06	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 00:06	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 00:06	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 00:06	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 00:06	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 00:06	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 00:06	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 00:06	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 00:06	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 00:06	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 00:06	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 00:06	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 00:06	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 00:06	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 00:06	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 00:06	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 00:06	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 00:06	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 00:06	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 00:06	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 00:06	WG1459102
Propene	ND		1.25	1	04/14/2020 00:06	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
Styrene	ND		0.313	1	04/14/2020 00:06	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 00:06	WG1459102
Toluene	ND		0.125	1	04/14/2020 00:06	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 00:06	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 00:06	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 00:06	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 00:06	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 00:06	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 00:06	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 00:06	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 00:06	WG1459102
(S) Toluene-d8	*99.4*		*75.0-131*		*04/14/2020 00:06*	WG1459102
(S) 4-Bromofluorobenzene	*95.1*		*67.0-138*		*04/14/2020 00:06*	WG1459102
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*04/14/2020 00:06*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 01:43	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 01:43	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 01:43	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 01:43	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 01:43	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 01:43	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 01:43	WG1460442
(S) Decachlorobiphenyl	*84.1*		*10.0-135*		*04/17/2020 01:43*	WG1460442
(S) Tetrachloro-m-xylene	*74.4*		*10.0-139*		*04/17/2020 01:43*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 19:18	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 19:18	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 19:18	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 19:18	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 19:18	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 19:18	WG1460635
(S) p-Terphenyl-d14	*58.6*		*23.0-120*		*04/15/2020 19:18*	WG1460635
(S) Nitrobenzene-d5	*55.7*		*14.0-149*		*04/15/2020 19:18*	WG1460635
(S) 2-Fluorobiphenyl	*52.2*		*34.0-125*		*04/15/2020 19:18*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND	M1	0.0400	1	04/14/2020 20:56	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.93		2.00	1	04/16/2020 01:17	WG1460532
Barium	134		0.500	1	04/16/2020 01:17	WG1460532
Cadmium	ND		0.500	1	04/16/2020 01:17	WG1460532
Chromium	12.2		1.00	1	04/16/2020 01:17	WG1460532
Lead	14.5		0.500	1	04/16/2020 01:17	WG1460532
Selenium	ND		2.00	1	04/16/2020 01:17	WG1460532
Silver	ND		1.00	1	04/16/2020 01:17	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 00:26	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 00:26	WG1459102
Benzene	ND		0.0250	1	04/14/2020 00:26	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 00:26	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
Bromoform	ND		0.625	1	04/14/2020 00:26	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 00:26	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 00:26	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 00:26	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 00:26	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 00:26	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 00:26	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 00:26	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 00:26	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 00:26	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 00:26	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 00:26	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 00:26	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 00:26	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 00:26	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 00:26	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 00:26	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 00:26	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 00:26	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 00:26	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 00:26	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 00:26	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 00:26	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 00:26	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 00:26	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 00:26	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 00:26	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 00:26	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 00:26	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 00:26	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 00:26	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 00:26	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 00:26	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 00:26	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 00:26	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 00:26	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 00:26	WG1459102
Propene	ND		1.25	1	04/14/2020 00:26	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
Styrene	ND		0.313	1	04/14/2020 00:26	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 00:26	WG1459102
Toluene	ND		0.125	1	04/14/2020 00:26	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 00:26	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 00:26	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 00:26	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 00:26	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 00:26	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 00:26	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 00:26	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 00:26	WG1459102
(S) Toluene-d8	*103*		*75.0-131*		*04/14/2020 00:26*	WG1459102
(S) 4-Bromofluorobenzene	*96.8*		*67.0-138*		*04/14/2020 00:26*	WG1459102
(S) 1,2-Dichloroethane-d4	*99.8*		*70.0-130*		*04/14/2020 00:26*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 01:55	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 01:55	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 01:55	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 01:55	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 01:55	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 01:55	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 01:55	WG1460442
(S) Decachlorobiphenyl	*76.8*		*10.0-135*		*04/17/2020 01:55*	WG1460442
(S) Tetrachloro-m-xylene	*67.5*		*10.0-139*		*04/17/2020 01:55*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 16:53	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 16:53	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 16:53	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 16:53	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 16:53	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 16:53	WG1460635
(S) p-Terphenyl-d14	*51.8*		*23.0-120*		*04/15/2020 16:53*	WG1460635
(S) Nitrobenzene-d5	*47.4*		*14.0-149*		*04/15/2020 16:53*	WG1460635
(S) 2-Fluorobiphenyl	*44.6*		*34.0-125*		*04/15/2020 16:53*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:21	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.60		2.00	1	04/16/2020 02:17	WG1460532
Barium	43.5		0.500	1	04/16/2020 02:17	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:17	WG1460532
Chromium	4.20		1.00	1	04/16/2020 02:17	WG1460532
Lead	5.40		0.500	1	04/16/2020 02:17	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:17	WG1460532
Silver	ND		1.00	1	04/16/2020 02:17	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 00:46	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 00:46	WG1459102
Benzene	ND		0.0250	1	04/14/2020 00:46	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 00:46	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
Bromoform	ND		0.625	1	04/14/2020 00:46	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 00:46	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 00:46	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 00:46	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 00:46	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 00:46	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 00:46	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 00:46	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 00:46	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 00:46	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 00:46	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 00:46	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 00:46	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 00:46	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 00:46	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 00:46	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 00:46	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 00:46	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 00:46	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 00:46	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 00:46	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 00:46	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 00:46	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 00:46	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 00:46	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 00:46	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 00:46	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 00:46	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 00:46	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 00:46	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 00:46	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 00:46	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 00:46	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 00:46	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 00:46	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 00:46	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 00:46	WG1459102
Propene	ND		1.25	1	04/14/2020 00:46	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
Styrene	ND		0.313	1	04/14/2020 00:46	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 00:46	WG1459102
Toluene	ND		0.125	1	04/14/2020 00:46	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 00:46	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 00:46	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 00:46	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 00:46	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 00:46	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 00:46	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 00:46	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 00:46	WG1459102
(S) Toluene-d8	*106*		*75.0-131*		*04/14/2020 00:46*	WG1459102
(S) 4-Bromofluorobenzene	*97.2*		*67.0-138*		*04/14/2020 00:46*	WG1459102
(S) 1,2-Dichloroethane-d4	*98.8*		*70.0-130*		*04/14/2020 00:46*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 02:08	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 02:08	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 02:08	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 02:08	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 02:08	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 02:08	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 02:08	WG1460442
(S) Decachlorobiphenyl	*100*		*10.0-135*		*04/17/2020 02:08*	WG1460442
(S) Tetrachloro-m-xylene	*86.8*		*10.0-139*		*04/17/2020 02:08*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 17:34	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 17:34	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 17:34	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:34	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:34	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 17:34	WG1460635
(S) p-Terphenyl-d14	*70.1*		*23.0-120*		*04/15/2020 17:34*	WG1460635
(S) Nitrobenzene-d5	*65.0*		*14.0-149*		*04/15/2020 17:34*	WG1460635
(S) 2-Fluorobiphenyl	*59.4*		*34.0-125*		*04/15/2020 17:34*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:23	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.02		2.00	1	04/16/2020 02:20	WG1460532
Barium	59.7		0.500	1	04/16/2020 02:20	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:20	WG1460532
Chromium	7.10		1.00	1	04/16/2020 02:20	WG1460532
Lead	7.81		0.500	1	04/16/2020 02:20	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:20	WG1460532
Silver	ND		1.00	1	04/16/2020 02:20	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 01:06	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 01:06	WG1459102
Benzene	ND		0.0250	1	04/14/2020 01:06	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 01:06	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
Bromoform	ND		0.625	1	04/14/2020 01:06	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 01:06	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 01:06	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 01:06	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 01:06	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 01:06	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 01:06	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 01:06	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 01:06	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 01:06	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 01:06	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 01:06	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 01:06	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 01:06	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 01:06	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 01:06	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 01:06	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 01:06	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 01:06	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 01:06	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 01:06	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 01:06	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 01:06	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 01:06	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 01:06	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 01:06	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 01:06	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 01:06	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 01:06	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 01:06	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 01:06	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 01:06	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 01:06	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 01:06	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 01:06	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 01:06	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 01:06	WG1459102
Propene	ND		1.25	1	04/14/2020 01:06	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
Styrene	ND		0.313	1	04/14/2020 01:06	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 01:06	WG1459102
Toluene	ND		0.125	1	04/14/2020 01:06	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 01:06	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 01:06	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 01:06	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 01:06	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 01:06	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 01:06	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 01:06	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 01:06	WG1459102
(S) Toluene-d8	*102*		*75.0-131*		*04/14/2020 01:06*	WG1459102
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/14/2020 01:06*	WG1459102
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*04/14/2020 01:06*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 02:20	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 02:20	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 02:20	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 02:20	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 02:20	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 02:20	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 02:20	WG1460442
(S) Decachlorobiphenyl	*96.8*		*10.0-135*		*04/17/2020 02:20*	WG1460442
(S) Tetrachloro-m-xylene	*84.0*		*10.0-139*		*04/17/2020 02:20*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 18:57	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 18:57	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 18:57	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 18:57	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 18:57	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 18:57	WG1460635
(S) p-Terphenyl-d14	*67.6*		*23.0-120*		*04/15/2020 18:57*	WG1460635
(S) Nitrobenzene-d5	*63.1*		*14.0-149*		*04/15/2020 18:57*	WG1460635
(S) 2-Fluorobiphenyl	*58.4*		*34.0-125*		*04/15/2020 18:57*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:25	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.26		2.00	1	04/16/2020 02:23	WG1460532
Barium	126		0.500	1	04/16/2020 02:23	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:23	WG1460532
Chromium	4.31		1.00	1	04/16/2020 02:23	WG1460532
Lead	7.19		0.500	1	04/16/2020 02:23	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:23	WG1460532
Silver	ND		1.00	1	04/16/2020 02:23	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 01:26	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 01:26	WG1459102
Benzene	ND		0.0250	1	04/14/2020 01:26	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 01:26	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
Bromoform	ND		0.625	1	04/14/2020 01:26	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 01:26	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 01:26	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 01:26	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 01:26	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 01:26	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 01:26	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 01:26	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 01:26	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 01:26	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 01:26	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 01:26	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 01:26	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 01:26	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 01:26	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 01:26	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 01:26	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 01:26	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 01:26	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 01:26	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 01:26	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 01:26	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 01:26	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 01:26	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 01:26	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 01:26	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 01:26	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 01:26	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 01:26	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 01:26	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 01:26	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 01:26	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 01:26	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 01:26	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 01:26	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 01:26	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 01:26	WG1459102
Propene	ND		1.25	1	04/14/2020 01:26	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
Styrene	ND		0.313	1	04/14/2020 01:26	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 01:26	WG1459102
Toluene	ND		0.125	1	04/14/2020 01:26	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 01:26	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 01:26	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 01:26	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 01:26	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 01:26	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 01:26	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 01:26	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 01:26	WG1459102
(S) Toluene-d8	*103*		*75.0-131*		*04/14/2020 01:26*	WG1459102
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/14/2020 01:26*	WG1459102
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*04/14/2020 01:26*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 02:32	WG1460442
PCB 1221	ND		0.0340	1	04/17/2020 02:32	WG1460442
PCB 1232	ND		0.0340	1	04/17/2020 02:32	WG1460442
PCB 1242	ND		0.0340	1	04/17/2020 02:32	WG1460442
PCB 1248	ND		0.0170	1	04/17/2020 02:32	WG1460442
PCB 1254	ND		0.0170	1	04/17/2020 02:32	WG1460442
PCB 1260	ND		0.0170	1	04/17/2020 02:32	WG1460442
(S) Decachlorobiphenyl	*95.1*		*10.0-135*		*04/17/2020 02:32*	WG1460442
(S) Tetrachloro-m-xylene	*83.4*		*10.0-139*		*04/17/2020 02:32*	WG1460442

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 17:32	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 17:32	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 17:32	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:32	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 17:32	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 17:32	WG1460635
(S) p-Terphenyl-d14	*75.2*		*23.0-120*		*04/15/2020 17:32*	WG1460635
(S) Nitrobenzene-d5	*55.6*		*14.0-149*		*04/15/2020 17:32*	WG1460635
(S) 2-Fluorobiphenyl	*76.3*		*34.0-125*		*04/15/2020 17:32*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:33	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.52		2.00	1	04/16/2020 02:25	WG1460532
Barium	336		0.500	1	04/16/2020 02:25	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:25	WG1460532
Chromium	12.6		1.00	1	04/16/2020 02:25	WG1460532
Lead	20.6		0.500	1	04/16/2020 02:25	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:25	WG1460532
Silver	ND		1.00	1	04/16/2020 02:25	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 01:46	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 01:46	WG1459102
Benzene	ND		0.0250	1	04/14/2020 01:46	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 01:46	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
Bromoform	ND		0.625	1	04/14/2020 01:46	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 01:46	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 01:46	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 01:46	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 01:46	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 01:46	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 01:46	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 01:46	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 01:46	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 01:46	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 01:46	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 01:46	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 01:46	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 01:46	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 01:46	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 01:46	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 01:46	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 01:46	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 01:46	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 01:46	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 01:46	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 01:46	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 01:46	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 01:46	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 01:46	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 01:46	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 01:46	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 01:46	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 01:46	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 01:46	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 01:46	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 01:46	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 01:46	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 01:46	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 01:46	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 01:46	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 01:46	WG1459102
Propene	ND		1.25	1	04/14/2020 01:46	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
Styrene	ND		0.313	1	04/14/2020 01:46	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 01:46	WG1459102
Toluene	ND		0.125	1	04/14/2020 01:46	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 01:46	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 01:46	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 01:46	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 01:46	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 01:46	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 01:46	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 01:46	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 01:46	WG1459102
(S) Toluene-d8	*102*		*75.0-131*		*04/14/2020 01:46*	WG1459102
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*04/14/2020 01:46*	WG1459102
(S) 1,2-Dichloroethane-d4	*110*		*70.0-130*		*04/14/2020 01:46*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 14:11	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 14:11	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 14:11	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 14:11	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 14:11	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 14:11	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 14:11	WG1460443
(S) Decachlorobiphenyl	*76.8*		*10.0-135*		*04/16/2020 14:11*	WG1460443
(S) Tetrachloro-m-xylene	*76.1*		*10.0-139*		*04/16/2020 14:11*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Acenaphthene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Acenaphthylene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Chrysene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Fluoranthene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Fluorene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 22:37	WG1461394
Naphthalene	ND		0.0200	1	04/16/2020 22:37	WG1461394
Phenanthrene	0.0133		0.00600	1	04/16/2020 22:37	WG1461394
Pyrene	ND		0.00600	1	04/16/2020 22:37	WG1461394
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 22:37	WG1461394
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 22:37	WG1461394
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 22:37	WG1461394
(S) p-Terphenyl-d14	*81.9*		*23.0-120*		*04/16/2020 22:37*	WG1461394
(S) Nitrobenzene-d5	*96.9*		*14.0-149*		*04/16/2020 22:37*	WG1461394
(S) 2-Fluorobiphenyl	*84.1*		*34.0-125*		*04/16/2020 22:37*	WG1461394

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:35	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.35		2.00	1	04/16/2020 02:28	WG1460532
Barium	154		0.500	1	04/16/2020 02:28	WG1460532
Cadmium	ND		0.500	1	04/16/2020 02:28	WG1460532
Chromium	11.0		1.00	1	04/16/2020 02:28	WG1460532
Lead	17.7		0.500	1	04/16/2020 02:28	WG1460532
Selenium	ND		2.00	1	04/16/2020 02:28	WG1460532
Silver	ND		1.00	1	04/16/2020 02:28	WG1460532

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 02:06	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 02:06	WG1459102
Benzene	ND		0.0250	1	04/14/2020 02:06	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 02:06	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
Bromoform	ND		0.625	1	04/14/2020 02:06	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 02:06	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 02:06	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 02:06	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 02:06	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 02:06	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 02:06	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 02:06	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 02:06	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 02:06	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 02:06	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 02:06	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 02:06	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 02:06	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 02:06	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 02:06	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 02:06	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 02:06	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 02:06	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 02:06	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 02:06	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 02:06	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 02:06	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 02:06	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 02:06	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 02:06	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 02:06	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 02:06	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 02:06	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 02:06	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 02:06	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 02:06	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 02:06	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 02:06	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 02:06	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 02:06	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 02:06	WG1459102
Propene	ND		1.25	1	04/14/2020 02:06	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
Styrene	ND		0.313	1	04/14/2020 02:06	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 02:06	WG1459102
Toluene	ND		0.125	1	04/14/2020 02:06	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 02:06	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 02:06	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 02:06	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 02:06	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 02:06	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 02:06	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 02:06	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 02:06	WG1459102
(S) Toluene-d8	*104*		*75.0-131*		*04/14/2020 02:06*	WG1459102
(S) 4-Bromofluorobenzene	*94.6*		*67.0-138*		*04/14/2020 02:06*	WG1459102
(S) 1,2-Dichloroethane-d4	*108*		*70.0-130*		*04/14/2020 02:06*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 15:06	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 15:06	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 15:06	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 15:06	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 15:06	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 15:06	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 15:06	WG1460443
(S) Decachlorobiphenyl	*68.6*		*10.0-135*		*04/16/2020 15:06*	WG1460443
(S) Tetrachloro-m-xylene	*62.9*		*10.0-139*		*04/16/2020 15:06*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 19:59	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 19:59	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 19:59	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 19:59	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 19:59	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 19:59	WG1460635
(S) p-Terphenyl-d14	*42.5*		*23.0-120*		*04/15/2020 19:59*	WG1460635
(S) Nitrobenzene-d5	*39.0*		*14.0-149*		*04/15/2020 19:59*	WG1460635
(S) 2-Fluorobiphenyl	*37.5*		*34.0-125*		*04/15/2020 19:59*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:37	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.02		2.00	1	04/15/2020 17:41	WG1460539
Barium	100		0.500	1	04/15/2020 17:41	WG1460539
Cadmium	ND		0.500	1	04/15/2020 17:41	WG1460539
Chromium	10.9		1.00	1	04/15/2020 17:41	WG1460539
Lead	15.9		0.500	1	04/15/2020 17:41	WG1460539
Selenium	ND		2.00	1	04/15/2020 17:41	WG1460539
Silver	ND		1.00	1	04/15/2020 17:41	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/14/2020 02:27	WG1459102
Acrylonitrile	ND		0.313	1	04/14/2020 02:27	WG1459102
Benzene	ND		0.0250	1	04/14/2020 02:27	WG1459102
Bromobenzene	ND		0.313	1	04/14/2020 02:27	WG1459102
Bromodichloromethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
Bromoform	ND		0.625	1	04/14/2020 02:27	WG1459102
Bromomethane	ND		0.313	1	04/14/2020 02:27	WG1459102
1,3-Butadiene	ND		0.625	1	04/14/2020 02:27	WG1459102
n-Butylbenzene	ND		0.313	1	04/14/2020 02:27	WG1459102
sec-Butylbenzene	ND		0.313	1	04/14/2020 02:27	WG1459102
tert-Butylbenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
Carbon disulfide	ND		0.313	1	04/14/2020 02:27	WG1459102
Carbon tetrachloride	ND		0.125	1	04/14/2020 02:27	WG1459102
Chlorobenzene	ND		0.0625	1	04/14/2020 02:27	WG1459102
Chlorodibromomethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
Chloroethane	ND		0.125	1	04/14/2020 02:27	WG1459102
Chloroform	ND		0.0625	1	04/14/2020 02:27	WG1459102
Chloromethane	ND		0.313	1	04/14/2020 02:27	WG1459102
2-Chlorotoluene	ND		0.0625	1	04/14/2020 02:27	WG1459102
4-Chlorotoluene	ND		0.125	1	04/14/2020 02:27	WG1459102
Cyclohexane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/14/2020 02:27	WG1459102
1,2-Dibromoethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
Dibromomethane	ND		0.125	1	04/14/2020 02:27	WG1459102
1,2-Dichlorobenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
1,3-Dichlorobenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
1,4-Dichlorobenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
Dichlorodifluoromethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,1-Dichloroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,2-Dichloroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,1-Dichloroethene	ND		0.0625	1	04/14/2020 02:27	WG1459102
cis-1,2-Dichloroethene	ND		0.0625	1	04/14/2020 02:27	WG1459102
trans-1,2-Dichloroethene	ND		0.125	1	04/14/2020 02:27	WG1459102
1,2-Dichloropropane	ND		0.125	1	04/14/2020 02:27	WG1459102
1,1-Dichloropropene	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,3-Dichloropropane	ND		0.125	1	04/14/2020 02:27	WG1459102
cis-1,3-Dichloropropene	ND		0.0625	1	04/14/2020 02:27	WG1459102
trans-1,3-Dichloropropene	ND		0.125	1	04/14/2020 02:27	WG1459102
2,2-Dichloropropane	ND	L1	0.0625	1	04/14/2020 02:27	WG1459102

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/14/2020 02:27	WG1459102
Di-isopropyl ether	ND		0.0250	1	04/14/2020 02:27	WG1459102
Ethylbenzene	ND		0.0625	1	04/14/2020 02:27	WG1459102
4-Ethyltoluene	ND		0.125	1	04/14/2020 02:27	WG1459102
Hexachloro-1,3-butadiene	ND		0.625	1	04/14/2020 02:27	WG1459102
n-Hexane	ND		0.125	1	04/14/2020 02:27	WG1459102
Isopropylbenzene	ND		0.0625	1	04/14/2020 02:27	WG1459102
p-Isopropyltoluene	ND		0.125	1	04/14/2020 02:27	WG1459102
2-Butanone (MEK)	ND		2.50	1	04/14/2020 02:27	WG1459102
Methylene Chloride	ND		0.625	1	04/14/2020 02:27	WG1459102
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/14/2020 02:27	WG1459102
Methyl tert-butyl ether	ND		0.0250	1	04/14/2020 02:27	WG1459102
Methyl Cyclohexane	ND		0.125	1	04/14/2020 02:27	WG1459102
Naphthalene	ND		0.313	1	04/14/2020 02:27	WG1459102
Propene	ND		1.25	1	04/14/2020 02:27	WG1459102
n-Propylbenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
Styrene	ND		0.313	1	04/14/2020 02:27	WG1459102
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
Tetrachloroethene	ND		0.0625	1	04/14/2020 02:27	WG1459102
Toluene	ND		0.125	1	04/14/2020 02:27	WG1459102
1,2,3-Trichlorobenzene	ND		0.313	1	04/14/2020 02:27	WG1459102
1,2,4-Trichlorobenzene	ND		0.313	1	04/14/2020 02:27	WG1459102
1,1,1-Trichloroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,1,2-Trichloroethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
Trichloroethene	ND		0.0250	1	04/14/2020 02:27	WG1459102
Trichlorofluoromethane	ND		0.0625	1	04/14/2020 02:27	WG1459102
1,2,3-Trichloropropane	ND		0.313	1	04/14/2020 02:27	WG1459102
1,2,4-Trimethylbenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
1,2,3-Trimethylbenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
1,3,5-Trimethylbenzene	ND		0.125	1	04/14/2020 02:27	WG1459102
Vinyl chloride	ND		0.0625	1	04/14/2020 02:27	WG1459102
Xylenes, Total	ND		0.163	1	04/14/2020 02:27	WG1459102
(S) Toluene-d8	*104*		*75.0-131*		*04/14/2020 02:27*	WG1459102
(S) 4-Bromofluorobenzene	*98.2*		*67.0-138*		*04/14/2020 02:27*	WG1459102
(S) 1,2-Dichloroethane-d4	*105*		*70.0-130*		*04/14/2020 02:27*	WG1459102

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 15:19	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 15:19	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 15:19	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 15:19	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 15:19	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 15:19	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 15:19	WG1460443
(S) Decachlorobiphenyl	*83.3*		*10.0-135*		*04/16/2020 15:19*	WG1460443
(S) Tetrachloro-m-xylene	*75.8*		*10.0-139*		*04/16/2020 15:19*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 15:14	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 15:14	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 15:14	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:14	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:14	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 15:14	WG1460635
(S) p-Terphenyl-d14	*34.5*		*23.0-120*		*04/15/2020 15:14*	WG1460635
(S) Nitrobenzene-d5	*46.8*		*14.0-149*		*04/15/2020 15:14*	WG1460635
(S) 2-Fluorobiphenyl	*31.8*	S6	*34.0-125*		*04/15/2020 15:14*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:39	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.64		2.00	1	04/15/2020 17:44	WG1460539
Barium	96.3		0.500	1	04/15/2020 17:44	WG1460539
Cadmium	ND		0.500	1	04/15/2020 17:44	WG1460539
Chromium	11.2		1.00	1	04/15/2020 17:44	WG1460539
Lead	15.6		0.500	1	04/15/2020 17:44	WG1460539
Selenium	ND		2.00	1	04/15/2020 17:44	WG1460539
Silver	ND		1.00	1	04/15/2020 17:44	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		2.50	2	04/14/2020 19:31	WG1460200
Acrylonitrile	ND		0.625	2	04/14/2020 19:31	WG1460200
Benzene	ND		0.0500	2	04/14/2020 19:31	WG1460200
Bromobenzene	ND		0.625	2	04/14/2020 19:31	WG1460200
Bromodichloromethane	ND		0.125	2	04/14/2020 19:31	WG1460200
Bromoform	ND		1.25	2	04/14/2020 19:31	WG1460200
Bromomethane	ND		0.625	2	04/14/2020 19:31	WG1460200
1,3-Butadiene	ND		1.25	2	04/14/2020 19:31	WG1460200
n-Butylbenzene	ND		0.625	2	04/14/2020 19:31	WG1460200
sec-Butylbenzene	ND		0.625	2	04/14/2020 19:31	WG1460200
tert-Butylbenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
Carbon disulfide	ND		0.625	2	04/14/2020 19:31	WG1460200
Carbon tetrachloride	ND		0.250	2	04/14/2020 19:31	WG1460200
Chlorobenzene	ND		0.125	2	04/14/2020 19:31	WG1460200
Chlorodibromomethane	ND		0.125	2	04/14/2020 19:31	WG1460200
Chloroethane	ND		0.250	2	04/14/2020 19:31	WG1460200
Chloroform	ND		0.125	2	04/14/2020 19:31	WG1460200
Chloromethane	ND		0.625	2	04/14/2020 19:31	WG1460200
2-Chlorotoluene	ND		0.125	2	04/14/2020 19:31	WG1460200
4-Chlorotoluene	ND		0.250	2	04/14/2020 19:31	WG1460200
Cyclohexane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,2-Dibromo-3-Chloropropane	ND		1.25	2	04/14/2020 19:31	WG1460200
1,2-Dibromoethane	ND		0.125	2	04/14/2020 19:31	WG1460200
Dibromomethane	ND		0.250	2	04/14/2020 19:31	WG1460200
1,2-Dichlorobenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
1,3-Dichlorobenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
1,4-Dichlorobenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
Dichlorodifluoromethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,1-Dichloroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,2-Dichloroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,1-Dichloroethene	ND		0.125	2	04/14/2020 19:31	WG1460200
cis-1,2-Dichloroethene	ND		0.125	2	04/14/2020 19:31	WG1460200
trans-1,2-Dichloroethene	ND		0.250	2	04/14/2020 19:31	WG1460200
1,2-Dichloropropane	ND		0.250	2	04/14/2020 19:31	WG1460200
1,1-Dichloropropene	ND		0.125	2	04/14/2020 19:31	WG1460200
1,3-Dichloropropane	ND		0.250	2	04/14/2020 19:31	WG1460200
cis-1,3-Dichloropropene	ND		0.125	2	04/14/2020 19:31	WG1460200
trans-1,3-Dichloropropene	ND		0.250	2	04/14/2020 19:31	WG1460200
2,2-Dichloropropane	ND		0.125	2	04/14/2020 19:31	WG1460200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.625	2	04/14/2020 19:31	WG1460200
Di-isopropyl ether	ND		0.0500	2	04/14/2020 19:31	WG1460200
Ethylbenzene	ND		0.125	2	04/14/2020 19:31	WG1460200
4-Ethyltoluene	ND		0.250	2	04/14/2020 19:31	WG1460200
Hexachloro-1,3-butadiene	ND		1.25	2	04/14/2020 19:31	WG1460200
n-Hexane	ND		0.250	2	04/14/2020 19:31	WG1460200
Isopropylbenzene	ND		0.125	2	04/14/2020 19:31	WG1460200
p-Isopropyltoluene	ND		0.250	2	04/14/2020 19:31	WG1460200
2-Butanone (MEK)	ND		5.00	2	04/14/2020 19:31	WG1460200
Methylene Chloride	ND		1.25	2	04/14/2020 19:31	WG1460200
4-Methyl-2-pentanone (MIBK)	ND		1.25	2	04/14/2020 19:31	WG1460200
Methyl tert-butyl ether	ND		0.0500	2	04/14/2020 19:31	WG1460200
Methyl Cyclohexane	ND		0.250	2	04/14/2020 19:31	WG1460200
Naphthalene	ND		0.625	2	04/14/2020 19:31	WG1460200
Propene	ND		2.50	2	04/14/2020 19:31	WG1460200
n-Propylbenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
Styrene	ND		0.625	2	04/14/2020 19:31	WG1460200
1,1,1,2-Tetrachloroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,1,2,2-Tetrachloroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,1,2-Trichlorotrifluoroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
Tetrachloroethene	ND		0.125	2	04/14/2020 19:31	WG1460200
Toluene	ND		0.250	2	04/14/2020 19:31	WG1460200
1,2,3-Trichlorobenzene	ND		0.625	2	04/14/2020 19:31	WG1460200
1,2,4-Trichlorobenzene	ND		0.625	2	04/14/2020 19:31	WG1460200
1,1,1-Trichloroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,1,2-Trichloroethane	ND		0.125	2	04/14/2020 19:31	WG1460200
Trichloroethene	ND		0.0500	2	04/14/2020 19:31	WG1460200
Trichlorofluoromethane	ND		0.125	2	04/14/2020 19:31	WG1460200
1,2,3-Trichloropropane	ND		0.625	2	04/14/2020 19:31	WG1460200
1,2,4-Trimethylbenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
1,2,3-Trimethylbenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
1,3,5-Trimethylbenzene	ND		0.250	2	04/14/2020 19:31	WG1460200
Vinyl chloride	ND		0.125	2	04/14/2020 19:31	WG1460200
Xylenes, Total	ND		0.325	2	04/14/2020 19:31	WG1460200
(S) Toluene-d8	*103*		*75.0-131*		*04/14/2020 19:31*	WG1460200
(S) 4-Bromofluorobenzene	*98.5*		*67.0-138*		*04/14/2020 19:31*	WG1460200
(S) 1,2-Dichloroethane-d4	*94.3*		*70.0-130*		*04/14/2020 19:31*	WG1460200

Sample Narrative:

L1207573-36 WG1460200: DILUTION DUE TO LIMITED SAMPLE VOLUME

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 15:31	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 15:31	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 15:31	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 15:31	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 15:31	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 15:31	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 15:31	WG1460443
(S) Decachlorobiphenyl	*79.0*		*10.0-135*		*04/16/2020 15:31*	WG1460443
(S) Tetrachloro-m-xylene	*70.3*		*10.0-139*		*04/16/2020 15:31*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 15:36	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 15:36	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 15:36	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:36	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:36	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 15:36	WG1460635
(S) p-Terphenyl-d14	*36.8*		*23.0-120*		*04/15/2020 15:36*	WG1460635
(S) Nitrobenzene-d5	*48.5*		*14.0-149*		*04/15/2020 15:36*	WG1460635
(S) 2-Fluorobiphenyl	*33.4*	S6	*34.0-125*		*04/15/2020 15:36*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:41	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.10		2.00	1	04/15/2020 17:47	WG1460539
Barium	125		0.500	1	04/15/2020 17:47	WG1460539
Cadmium	ND		0.500	1	04/15/2020 17:47	WG1460539
Chromium	13.2		1.00	1	04/15/2020 17:47	WG1460539
Lead	17.6		0.500	1	04/15/2020 17:47	WG1460539
Selenium	ND		2.00	1	04/15/2020 17:47	WG1460539
Silver	ND		1.00	1	04/15/2020 17:47	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		2.65	2.12	04/14/2020 19:50	WG1460200
Acrylonitrile	ND		0.663	2.12	04/14/2020 19:50	WG1460200
Benzene	ND		0.0530	2.12	04/14/2020 19:50	WG1460200
Bromobenzene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
Bromodichloromethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Bromoform	ND		1.33	2.12	04/14/2020 19:50	WG1460200
Bromomethane	ND		0.663	2.12	04/14/2020 19:50	WG1460200
1,3-Butadiene	ND		1.33	2.12	04/14/2020 19:50	WG1460200
n-Butylbenzene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
sec-Butylbenzene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
tert-Butylbenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Carbon disulfide	ND		0.663	2.12	04/14/2020 19:50	WG1460200
Carbon tetrachloride	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Chlorobenzene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Chlorodibromomethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Chloroethane	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Chloroform	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Chloromethane	ND		0.663	2.12	04/14/2020 19:50	WG1460200
2-Chlorotoluene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
4-Chlorotoluene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Cyclohexane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,2-Dibromo-3-Chloropropane	ND		1.33	2.12	04/14/2020 19:50	WG1460200
1,2-Dibromoethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Dibromomethane	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,2-Dichlorobenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,3-Dichlorobenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,4-Dichlorobenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Dichlorodifluoromethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,1-Dichloroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,2-Dichloroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,1-Dichloroethene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
cis-1,2-Dichloroethene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
trans-1,2-Dichloroethene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,2-Dichloropropane	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,1-Dichloropropene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,3-Dichloropropane	ND		0.265	2.12	04/14/2020 19:50	WG1460200
cis-1,3-Dichloropropene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
trans-1,3-Dichloropropene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
2,2-Dichloropropane	ND		0.133	2.12	04/14/2020 19:50	WG1460200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
Di-isopropyl ether	ND		0.0530	2.12	04/14/2020 19:50	WG1460200
Ethylbenzene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
4-Ethyltoluene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Hexachloro-1,3-butadiene	ND		1.33	2.12	04/14/2020 19:50	WG1460200
n-Hexane	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Isopropylbenzene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
p-Isopropyltoluene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
2-Butanone (MEK)	ND		5.30	2.12	04/14/2020 19:50	WG1460200
Methylene Chloride	ND		1.33	2.12	04/14/2020 19:50	WG1460200
4-Methyl-2-pentanone (MIBK)	ND		1.33	2.12	04/14/2020 19:50	WG1460200
Methyl tert-butyl ether	ND		0.0530	2.12	04/14/2020 19:50	WG1460200
Methyl Cyclohexane	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Naphthalene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
Propene	ND		2.65	2.12	04/14/2020 19:50	WG1460200
n-Propylbenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Styrene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
1,1,1,2-Tetrachloroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,1,2,2-Tetrachloroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,1,2-Trichlorotrifluoroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Tetrachloroethene	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Toluene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,2,3-Trichlorobenzene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
1,2,4-Trichlorobenzene	ND		0.663	2.12	04/14/2020 19:50	WG1460200
1,1,1-Trichloroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,1,2-Trichloroethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Trichloroethene	ND		0.0530	2.12	04/14/2020 19:50	WG1460200
Trichlorofluoromethane	ND		0.133	2.12	04/14/2020 19:50	WG1460200
1,2,3-Trichloropropane	ND		0.663	2.12	04/14/2020 19:50	WG1460200
1,2,4-Trimethylbenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,2,3-Trimethylbenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
1,3,5-Trimethylbenzene	ND		0.265	2.12	04/14/2020 19:50	WG1460200
Vinyl chloride	ND		0.133	2.12	04/14/2020 19:50	WG1460200
Xylenes, Total	ND		0.345	2.12	04/14/2020 19:50	WG1460200
(S) Toluene-d8	*105*		*75.0-131*		*04/14/2020 19:50*	WG1460200
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/14/2020 19:50*	WG1460200
(S) 1,2-Dichloroethane-d4	*98.1*		*70.0-130*		*04/14/2020 19:50*	WG1460200

Sample Narrative:

L1207573-37 WG1460200: DILUTION DUE TO LIMITED SAMPLE VOLUME

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 15:44	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 15:44	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 15:44	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 15:44	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 15:44	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 15:44	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 15:44	WG1460443
(S) Decachlorobiphenyl	*74.9*		*10.0-135*		*04/16/2020 15:44*	WG1460443
(S) Tetrachloro-m-xylene	*73.0*		*10.0-139*		*04/16/2020 15:44*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 15:58	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 15:58	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 15:58	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:58	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 15:58	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 15:58	WG1460635
(S) p-Terphenyl-d14	*34.3*		*23.0-120*		*04/15/2020 15:58*	WG1460635
(S) Nitrobenzene-d5	*46.8*		*14.0-149*		*04/15/2020 15:58*	WG1460635
(S) 2-Fluorobiphenyl	*32.3*	S6	*34.0-125*		*04/15/2020 15:58*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:43	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.37		2.00	1	04/15/2020 17:55	WG1460539
Barium	130		0.500	1	04/15/2020 17:55	WG1460539
Cadmium	ND		0.500	1	04/15/2020 17:55	WG1460539
Chromium	15.2		1.00	1	04/15/2020 17:55	WG1460539
Lead	24.2		0.500	1	04/15/2020 17:55	WG1460539
Selenium	ND		2.00	1	04/15/2020 17:55	WG1460539
Silver	ND		1.00	1	04/15/2020 17:55	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		2.50	2	04/14/2020 20:09	WG1460200
Acrylonitrile	ND		0.625	2	04/14/2020 20:09	WG1460200
Benzene	ND		0.0500	2	04/14/2020 20:09	WG1460200
Bromobenzene	ND		0.625	2	04/14/2020 20:09	WG1460200
Bromodichloromethane	ND		0.125	2	04/14/2020 20:09	WG1460200
Bromoform	ND		1.25	2	04/14/2020 20:09	WG1460200
Bromomethane	ND		0.625	2	04/14/2020 20:09	WG1460200
1,3-Butadiene	ND		1.25	2	04/14/2020 20:09	WG1460200
n-Butylbenzene	ND		0.625	2	04/14/2020 20:09	WG1460200
sec-Butylbenzene	ND		0.625	2	04/14/2020 20:09	WG1460200
tert-Butylbenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
Carbon disulfide	ND		0.625	2	04/14/2020 20:09	WG1460200
Carbon tetrachloride	ND		0.250	2	04/14/2020 20:09	WG1460200
Chlorobenzene	ND		0.125	2	04/14/2020 20:09	WG1460200
Chlorodibromomethane	ND		0.125	2	04/14/2020 20:09	WG1460200
Chloroethane	ND		0.250	2	04/14/2020 20:09	WG1460200
Chloroform	ND		0.125	2	04/14/2020 20:09	WG1460200
Chloromethane	ND		0.625	2	04/14/2020 20:09	WG1460200
2-Chlorotoluene	ND		0.125	2	04/14/2020 20:09	WG1460200
4-Chlorotoluene	ND		0.250	2	04/14/2020 20:09	WG1460200
Cyclohexane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,2-Dibromo-3-Chloropropane	ND		1.25	2	04/14/2020 20:09	WG1460200
1,2-Dibromoethane	ND		0.125	2	04/14/2020 20:09	WG1460200
Dibromomethane	ND		0.250	2	04/14/2020 20:09	WG1460200
1,2-Dichlorobenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
1,3-Dichlorobenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
1,4-Dichlorobenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
Dichlorodifluoromethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,1-Dichloroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,2-Dichloroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,1-Dichloroethene	ND		0.125	2	04/14/2020 20:09	WG1460200
cis-1,2-Dichloroethene	ND		0.125	2	04/14/2020 20:09	WG1460200
trans-1,2-Dichloroethene	ND		0.250	2	04/14/2020 20:09	WG1460200
1,2-Dichloropropane	ND		0.250	2	04/14/2020 20:09	WG1460200
1,1-Dichloropropene	ND		0.125	2	04/14/2020 20:09	WG1460200
1,3-Dichloropropane	ND		0.250	2	04/14/2020 20:09	WG1460200
cis-1,3-Dichloropropene	ND		0.125	2	04/14/2020 20:09	WG1460200
trans-1,3-Dichloropropene	ND		0.250	2	04/14/2020 20:09	WG1460200
2,2-Dichloropropane	ND		0.125	2	04/14/2020 20:09	WG1460200

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.625	2	04/14/2020 20:09	WG1460200
Di-isopropyl ether	ND		0.0500	2	04/14/2020 20:09	WG1460200
Ethylbenzene	ND		0.125	2	04/14/2020 20:09	WG1460200
4-Ethyltoluene	ND		0.250	2	04/14/2020 20:09	WG1460200
Hexachloro-1,3-butadiene	ND		1.25	2	04/14/2020 20:09	WG1460200
n-Hexane	ND		0.250	2	04/14/2020 20:09	WG1460200
Isopropylbenzene	ND		0.125	2	04/14/2020 20:09	WG1460200
p-Isopropyltoluene	ND		0.250	2	04/14/2020 20:09	WG1460200
2-Butanone (MEK)	ND		5.00	2	04/14/2020 20:09	WG1460200
Methylene Chloride	ND		1.25	2	04/14/2020 20:09	WG1460200
4-Methyl-2-pentanone (MIBK)	ND		1.25	2	04/14/2020 20:09	WG1460200
Methyl tert-butyl ether	ND		0.0500	2	04/14/2020 20:09	WG1460200
Methyl Cyclohexane	ND		0.250	2	04/14/2020 20:09	WG1460200
Naphthalene	ND		0.625	2	04/14/2020 20:09	WG1460200
Propene	ND		2.50	2	04/14/2020 20:09	WG1460200
n-Propylbenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
Styrene	ND		0.625	2	04/14/2020 20:09	WG1460200
1,1,1,2-Tetrachloroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,1,2,2-Tetrachloroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,1,2-Trichlorotrifluoroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
Tetrachloroethene	ND		0.125	2	04/14/2020 20:09	WG1460200
Toluene	ND		0.250	2	04/14/2020 20:09	WG1460200
1,2,3-Trichlorobenzene	ND		0.625	2	04/14/2020 20:09	WG1460200
1,2,4-Trichlorobenzene	ND		0.625	2	04/14/2020 20:09	WG1460200
1,1,1-Trichloroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,1,2-Trichloroethane	ND		0.125	2	04/14/2020 20:09	WG1460200
Trichloroethene	ND		0.0500	2	04/14/2020 20:09	WG1460200
Trichlorofluoromethane	ND		0.125	2	04/14/2020 20:09	WG1460200
1,2,3-Trichloropropane	ND		0.625	2	04/14/2020 20:09	WG1460200
1,2,4-Trimethylbenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
1,2,3-Trimethylbenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
1,3,5-Trimethylbenzene	ND		0.250	2	04/14/2020 20:09	WG1460200
Vinyl chloride	ND		0.125	2	04/14/2020 20:09	WG1460200
Xylenes, Total	ND		0.325	2	04/14/2020 20:09	WG1460200
(S) Toluene-d8	*103*		*75.0-131*		*04/14/2020 20:09*	WG1460200
(S) 4-Bromofluorobenzene	*99.8*		*67.0-138*		*04/14/2020 20:09*	WG1460200
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*04/14/2020 20:09*	WG1460200

Sample Narrative:

L1207573-38 WG1460200: DILUTION DUE TO LIMITED SAMPLE VOLUME

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 15:56	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 15:56	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 15:56	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 15:56	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 15:56	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 15:56	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 15:56	WG1460443
(S) Decachlorobiphenyl	*80.1*		*10.0-135*		*04/16/2020 15:56*	WG1460443
(S) Tetrachloro-m-xylene	*78.1*		*10.0-139*		*04/16/2020 15:56*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Acenaphthene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Acenaphthylene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Chrysene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Fluoranthene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Fluorene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Naphthalene	ND		0.0200	1	04/15/2020 16:20	WG1460635
Phenanthrene	ND		0.00600	1	04/15/2020 16:20	WG1460635
Pyrene	ND		0.00600	1	04/15/2020 16:20	WG1460635
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 16:20	WG1460635
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 16:20	WG1460635
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 16:20	WG1460635
(S) p-Terphenyl-d14	*54.8*		*23.0-120*		*04/15/2020 16:20*	WG1460635
(S) Nitrobenzene-d5	*76.6*		*14.0-149*		*04/15/2020 16:20*	WG1460635
(S) 2-Fluorobiphenyl	*51.6*		*34.0-125*		*04/15/2020 16:20*	WG1460635

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:45	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.40		2.00	1	04/15/2020 17:57	WG1460539
Barium	62.0		0.500	1	04/15/2020 17:57	WG1460539
Cadmium	ND		0.500	1	04/15/2020 17:57	WG1460539
Chromium	5.90		1.00	1	04/15/2020 17:57	WG1460539
Lead	7.08		0.500	1	04/15/2020 17:57	WG1460539
Selenium	ND		2.00	1	04/15/2020 17:57	WG1460539
Silver	ND		1.00	1	04/15/2020 17:57	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/11/2020 13:05	WG1459175
Acrylonitrile	ND		0.313	1	04/11/2020 13:05	WG1459175
Benzene	ND		0.0250	1	04/11/2020 13:05	WG1459175
Bromobenzene	ND		0.313	1	04/11/2020 13:05	WG1459175
Bromodichloromethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
Bromoform	ND		0.625	1	04/11/2020 13:05	WG1459175
Bromomethane	ND		0.313	1	04/11/2020 13:05	WG1459175
1,3-Butadiene	ND		0.625	1	04/11/2020 13:05	WG1459175
n-Butylbenzene	ND		0.313	1	04/11/2020 13:05	WG1459175
sec-Butylbenzene	ND	L2	0.313	1	04/11/2020 13:05	WG1459175
tert-Butylbenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
Carbon disulfide	ND		0.313	1	04/11/2020 13:05	WG1459175
Carbon tetrachloride	ND		0.125	1	04/11/2020 13:05	WG1459175
Chlorobenzene	ND		0.0625	1	04/11/2020 13:05	WG1459175
Chlorodibromomethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
Chloroethane	ND		0.125	1	04/11/2020 13:05	WG1459175
Chloroform	ND		0.0625	1	04/11/2020 13:05	WG1459175
Chloromethane	ND		0.313	1	04/11/2020 13:05	WG1459175
2-Chlorotoluene	ND		0.0625	1	04/11/2020 13:05	WG1459175
4-Chlorotoluene	ND		0.125	1	04/11/2020 13:05	WG1459175
Cyclohexane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 13:05	WG1459175
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
Dibromomethane	ND		0.125	1	04/11/2020 13:05	WG1459175
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 13:05	WG1459175
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 13:05	WG1459175
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 13:05	WG1459175
1,2-Dichloropropane	ND		0.125	1	04/11/2020 13:05	WG1459175
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,3-Dichloropropane	ND		0.125	1	04/11/2020 13:05	WG1459175
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 13:05	WG1459175
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 13:05	WG1459175
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 13:05	WG1459175

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 13:05	WG1459175
Di-isopropyl ether	ND		0.0250	1	04/11/2020 13:05	WG1459175
Ethylbenzene	ND		0.0625	1	04/11/2020 13:05	WG1459175
4-Ethyltoluene	ND		0.125	1	04/11/2020 13:05	WG1459175
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 13:05	WG1459175
n-Hexane	ND		0.125	1	04/11/2020 13:05	WG1459175
Isopropylbenzene	ND		0.0625	1	04/11/2020 13:05	WG1459175
p-Isopropyltoluene	ND		0.125	1	04/11/2020 13:05	WG1459175
2-Butanone (MEK)	ND		0.625	1	04/11/2020 13:05	WG1459175
Methylene Chloride	ND		0.625	1	04/11/2020 13:05	WG1459175
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 13:05	WG1459175
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 13:05	WG1459175
Methyl Cyclohexane	ND	L1 R7	0.125	1	04/11/2020 13:05	WG1459175
Naphthalene	ND		0.313	1	04/11/2020 13:05	WG1459175
Propene	ND		1.25	1	04/11/2020 13:05	WG1459175
n-Propylbenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
Styrene	ND		0.313	1	04/11/2020 13:05	WG1459175
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
Tetrachloroethene	ND		0.0625	1	04/11/2020 13:05	WG1459175
Toluene	ND		0.125	1	04/11/2020 13:05	WG1459175
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 13:05	WG1459175
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 13:05	WG1459175
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
Trichloroethene	ND		0.0250	1	04/11/2020 13:05	WG1459175
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 13:05	WG1459175
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 13:05	WG1459175
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 13:05	WG1459175
Vinyl chloride	ND		0.0625	1	04/11/2020 13:05	WG1459175
Xylenes, Total	ND		0.163	1	04/11/2020 13:05	WG1459175
(S) Toluene-d8	*109*		*75.0-131*		*04/11/2020 13:05*	WG1459175
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/11/2020 13:05*	WG1459175
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/11/2020 13:05*	WG1459175

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 16:09	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 16:09	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 16:09	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 16:09	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 16:09	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 16:09	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 16:09	WG1460443
(S) Decachlorobiphenyl	*82.3*		*10.0-135*		*04/16/2020 16:09*	WG1460443
(S) Tetrachloro-m-xylene	*75.2*		*10.0-139*		*04/16/2020 16:09*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Acenaphthene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Acenaphthylene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Chrysene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Fluoranthene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Fluorene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Naphthalene	ND		0.0200	1	04/15/2020 22:56	WG1461079
Phenanthrene	ND		0.00600	1	04/15/2020 22:56	WG1461079
Pyrene	ND		0.00600	1	04/15/2020 22:56	WG1461079
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 22:56	WG1461079
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 22:56	WG1461079
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 22:56	WG1461079
(S) p-Terphenyl-d14	*78.3*		*23.0-120*		*04/15/2020 22:56*	WG1461079
(S) Nitrobenzene-d5	*105*		*14.0-149*		*04/15/2020 22:56*	WG1461079
(S) 2-Fluorobiphenyl	*72.2*		*34.0-125*		*04/15/2020 22:56*	WG1461079

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 21:47	WG1460553

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.77		2.00	1	04/15/2020 18:00	WG1460539
Barium	53.7		0.500	1	04/15/2020 18:00	WG1460539
Cadmium	ND		0.500	1	04/15/2020 18:00	WG1460539
Chromium	5.51		1.00	1	04/15/2020 18:00	WG1460539
Lead	8.17		0.500	1	04/15/2020 18:00	WG1460539
Selenium	ND		2.00	1	04/15/2020 18:00	WG1460539
Silver	ND		1.00	1	04/15/2020 18:00	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/11/2020 13:25	WG1459175
Acrylonitrile	ND		0.313	1	04/11/2020 13:25	WG1459175
Benzene	ND		0.0250	1	04/11/2020 13:25	WG1459175
Bromobenzene	ND		0.313	1	04/11/2020 13:25	WG1459175
Bromodichloromethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
Bromoform	ND		0.625	1	04/11/2020 13:25	WG1459175
Bromomethane	ND		0.313	1	04/11/2020 13:25	WG1459175
1,3-Butadiene	ND		0.625	1	04/11/2020 13:25	WG1459175
n-Butylbenzene	ND		0.313	1	04/11/2020 13:25	WG1459175
sec-Butylbenzene	ND	L2	0.313	1	04/11/2020 13:25	WG1459175
tert-Butylbenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
Carbon disulfide	ND		0.313	1	04/11/2020 13:25	WG1459175
Carbon tetrachloride	ND		0.125	1	04/11/2020 13:25	WG1459175
Chlorobenzene	ND		0.0625	1	04/11/2020 13:25	WG1459175
Chlorodibromomethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
Chloroethane	ND		0.125	1	04/11/2020 13:25	WG1459175
Chloroform	ND		0.0625	1	04/11/2020 13:25	WG1459175
Chloromethane	ND		0.313	1	04/11/2020 13:25	WG1459175
2-Chlorotoluene	ND		0.0625	1	04/11/2020 13:25	WG1459175
4-Chlorotoluene	ND		0.125	1	04/11/2020 13:25	WG1459175
Cyclohexane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 13:25	WG1459175
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
Dibromomethane	ND		0.125	1	04/11/2020 13:25	WG1459175
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 13:25	WG1459175
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 13:25	WG1459175
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 13:25	WG1459175
1,2-Dichloropropane	ND		0.125	1	04/11/2020 13:25	WG1459175
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,3-Dichloropropane	ND		0.125	1	04/11/2020 13:25	WG1459175
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 13:25	WG1459175
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 13:25	WG1459175
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 13:25	WG1459175

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 13:25	WG1459175
Di-isopropyl ether	ND		0.0250	1	04/11/2020 13:25	WG1459175
Ethylbenzene	ND		0.0625	1	04/11/2020 13:25	WG1459175
4-Ethyltoluene	ND		0.125	1	04/11/2020 13:25	WG1459175
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 13:25	WG1459175
n-Hexane	ND		0.125	1	04/11/2020 13:25	WG1459175
Isopropylbenzene	ND		0.0625	1	04/11/2020 13:25	WG1459175
p-Isopropyltoluene	ND		0.125	1	04/11/2020 13:25	WG1459175
2-Butanone (MEK)	ND		0.625	1	04/11/2020 13:25	WG1459175
Methylene Chloride	ND		0.625	1	04/11/2020 13:25	WG1459175
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 13:25	WG1459175
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 13:25	WG1459175
Methyl Cyclohexane	ND	L1 R7	0.125	1	04/11/2020 13:25	WG1459175
Naphthalene	ND		0.313	1	04/11/2020 13:25	WG1459175
Propene	ND		1.25	1	04/11/2020 13:25	WG1459175
n-Propylbenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
Styrene	ND		0.313	1	04/11/2020 13:25	WG1459175
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
Tetrachloroethene	ND		0.0625	1	04/11/2020 13:25	WG1459175
Toluene	ND		0.125	1	04/11/2020 13:25	WG1459175
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 13:25	WG1459175
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 13:25	WG1459175
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
Trichloroethene	ND		0.0250	1	04/11/2020 13:25	WG1459175
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 13:25	WG1459175
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 13:25	WG1459175
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 13:25	WG1459175
Vinyl chloride	ND		0.0625	1	04/11/2020 13:25	WG1459175
Xylenes, Total	ND		0.163	1	04/11/2020 13:25	WG1459175
(S) Toluene-d8	*108*		*75.0-131*		*04/11/2020 13:25*	WG1459175
(S) 4-Bromofluorobenzene	*107*		*67.0-138*		*04/11/2020 13:25*	WG1459175
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*04/11/2020 13:25*	WG1459175

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 16:21	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 16:21	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 16:21	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 16:21	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 16:21	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 16:21	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 16:21	WG1460443
(S) Decachlorobiphenyl	*88.5*		*10.0-135*		*04/16/2020 16:21*	WG1460443
(S) Tetrachloro-m-xylene	*81.0*		*10.0-139*		*04/16/2020 16:21*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Acenaphthene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Acenaphthylene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Chrysene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Fluoranthene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Fluorene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Naphthalene	ND		0.0200	1	04/15/2020 23:18	WG1461079
Phenanthrene	ND		0.00600	1	04/15/2020 23:18	WG1461079
Pyrene	ND		0.00600	1	04/15/2020 23:18	WG1461079
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 23:18	WG1461079
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 23:18	WG1461079
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 23:18	WG1461079
(S) p-Terphenyl-d14	*80.0*		*23.0-120*		*04/15/2020 23:18*	WG1461079
(S) Nitrobenzene-d5	*105*		*14.0-149*		*04/15/2020 23:18*	WG1461079
(S) 2-Fluorobiphenyl	*73.1*		*34.0-125*		*04/15/2020 23:18*	WG1461079

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 19:18	WG1460564

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.10		2.00	1	04/15/2020 18:02	WG1460539
Barium	39.4		0.500	1	04/15/2020 18:02	WG1460539
Cadmium	ND		0.500	1	04/15/2020 18:02	WG1460539
Chromium	6.01		1.00	1	04/15/2020 18:02	WG1460539
Lead	7.99		0.500	1	04/15/2020 18:02	WG1460539
Selenium	ND		2.00	1	04/15/2020 18:02	WG1460539
Silver	ND		1.00	1	04/15/2020 18:02	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/11/2020 13:45	WG1459175
Acrylonitrile	ND		0.313	1	04/11/2020 13:45	WG1459175
Benzene	ND		0.0250	1	04/11/2020 13:45	WG1459175
Bromobenzene	ND		0.313	1	04/11/2020 13:45	WG1459175
Bromodichloromethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
Bromoform	ND		0.625	1	04/11/2020 13:45	WG1459175
Bromomethane	ND		0.313	1	04/11/2020 13:45	WG1459175
1,3-Butadiene	ND		0.625	1	04/11/2020 13:45	WG1459175
n-Butylbenzene	ND		0.313	1	04/11/2020 13:45	WG1459175
sec-Butylbenzene	ND	L2	0.313	1	04/11/2020 13:45	WG1459175
tert-Butylbenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
Carbon disulfide	ND		0.313	1	04/11/2020 13:45	WG1459175
Carbon tetrachloride	ND		0.125	1	04/11/2020 13:45	WG1459175
Chlorobenzene	ND		0.0625	1	04/11/2020 13:45	WG1459175
Chlorodibromomethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
Chloroethane	ND		0.125	1	04/11/2020 13:45	WG1459175
Chloroform	ND		0.0625	1	04/11/2020 13:45	WG1459175
Chloromethane	ND		0.313	1	04/11/2020 13:45	WG1459175
2-Chlorotoluene	ND		0.0625	1	04/11/2020 13:45	WG1459175
4-Chlorotoluene	ND		0.125	1	04/11/2020 13:45	WG1459175
Cyclohexane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 13:45	WG1459175
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
Dibromomethane	ND		0.125	1	04/11/2020 13:45	WG1459175
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 13:45	WG1459175
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 13:45	WG1459175
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 13:45	WG1459175
1,2-Dichloropropane	ND		0.125	1	04/11/2020 13:45	WG1459175
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,3-Dichloropropane	ND		0.125	1	04/11/2020 13:45	WG1459175
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 13:45	WG1459175
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 13:45	WG1459175
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 13:45	WG1459175

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 13:45	WG1459175
Di-isopropyl ether	ND		0.0250	1	04/11/2020 13:45	WG1459175
Ethylbenzene	ND		0.0625	1	04/11/2020 13:45	WG1459175
4-Ethyltoluene	ND		0.125	1	04/11/2020 13:45	WG1459175
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 13:45	WG1459175
n-Hexane	ND		0.125	1	04/11/2020 13:45	WG1459175
Isopropylbenzene	ND		0.0625	1	04/11/2020 13:45	WG1459175
p-Isopropyltoluene	ND		0.125	1	04/11/2020 13:45	WG1459175
2-Butanone (MEK)	ND		0.625	1	04/11/2020 13:45	WG1459175
Methylene Chloride	ND		0.625	1	04/11/2020 13:45	WG1459175
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 13:45	WG1459175
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 13:45	WG1459175
Methyl Cyclohexane	ND	L1 R7	0.125	1	04/11/2020 13:45	WG1459175
Naphthalene	ND		0.313	1	04/11/2020 13:45	WG1459175
Propene	ND		1.25	1	04/11/2020 13:45	WG1459175
n-Propylbenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
Styrene	ND		0.313	1	04/11/2020 13:45	WG1459175
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
Tetrachloroethene	ND		0.0625	1	04/11/2020 13:45	WG1459175
Toluene	ND		0.125	1	04/11/2020 13:45	WG1459175
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 13:45	WG1459175
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 13:45	WG1459175
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
Trichloroethene	ND		0.0250	1	04/11/2020 13:45	WG1459175
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 13:45	WG1459175
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 13:45	WG1459175
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 13:45	WG1459175
Vinyl chloride	ND		0.0625	1	04/11/2020 13:45	WG1459175
Xylenes, Total	ND		0.163	1	04/11/2020 13:45	WG1459175
(S) Toluene-d8	*107*		*75.0-131*		*04/11/2020 13:45*	WG1459175
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*04/11/2020 13:45*	WG1459175
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*04/11/2020 13:45*	WG1459175

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 16:34	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 16:34	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 16:34	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 16:34	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 16:34	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 16:34	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 16:34	WG1460443
(S) Decachlorobiphenyl	*93.1*		*10.0-135*		*04/16/2020 16:34*	WG1460443
(S) Tetrachloro-m-xylene	*87.8*		*10.0-139*		*04/16/2020 16:34*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Acenaphthene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Acenaphthylene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Benzo(a)anthracene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Benzo(a)pyrene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Benzo(b)fluoranthene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Benzo(g,h,i)perylene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Benzo(k)fluoranthene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Chrysene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Dibenz(a,h)anthracene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Fluoranthene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Fluorene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Naphthalene	ND		0.0200	1	04/15/2020 23:40	WG1461079
Phenanthrene	ND		0.00600	1	04/15/2020 23:40	WG1461079
Pyrene	ND		0.00600	1	04/15/2020 23:40	WG1461079
1-Methylnaphthalene	ND		0.0200	1	04/15/2020 23:40	WG1461079
2-Methylnaphthalene	ND		0.0200	1	04/15/2020 23:40	WG1461079
2-Chloronaphthalene	ND		0.0200	1	04/15/2020 23:40	WG1461079
(S) p-Terphenyl-d14	*81.0*		*23.0-120*		*04/15/2020 23:40*	WG1461079
(S) Nitrobenzene-d5	*108*		*14.0-149*		*04/15/2020 23:40*	WG1461079
(S) 2-Fluorobiphenyl	*73.4*		*34.0-125*		*04/15/2020 23:40*	WG1461079

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 19:19	WG1460564

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.52		2.00	1	04/15/2020 18:05	WG1460539
Barium	48.9		0.500	1	04/15/2020 18:05	WG1460539
Cadmium	ND		0.500	1	04/15/2020 18:05	WG1460539
Chromium	5.70		1.00	1	04/15/2020 18:05	WG1460539
Lead	8.97		0.500	1	04/15/2020 18:05	WG1460539
Selenium	ND		2.00	1	04/15/2020 18:05	WG1460539
Silver	ND		1.00	1	04/15/2020 18:05	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/11/2020 14:06	WG1459175
Acrylonitrile	ND		0.313	1	04/11/2020 14:06	WG1459175
Benzene	ND		0.0250	1	04/11/2020 14:06	WG1459175
Bromobenzene	ND		0.313	1	04/11/2020 14:06	WG1459175
Bromodichloromethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
Bromoform	ND		0.625	1	04/11/2020 14:06	WG1459175
Bromomethane	ND		0.313	1	04/11/2020 14:06	WG1459175
1,3-Butadiene	ND		0.625	1	04/11/2020 14:06	WG1459175
n-Butylbenzene	ND		0.313	1	04/11/2020 14:06	WG1459175
sec-Butylbenzene	ND	L2	0.313	1	04/11/2020 14:06	WG1459175
tert-Butylbenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
Carbon disulfide	ND		0.313	1	04/11/2020 14:06	WG1459175
Carbon tetrachloride	ND		0.125	1	04/11/2020 14:06	WG1459175
Chlorobenzene	ND		0.0625	1	04/11/2020 14:06	WG1459175
Chlorodibromomethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
Chloroethane	ND		0.125	1	04/11/2020 14:06	WG1459175
Chloroform	ND		0.0625	1	04/11/2020 14:06	WG1459175
Chloromethane	ND		0.313	1	04/11/2020 14:06	WG1459175
2-Chlorotoluene	ND		0.0625	1	04/11/2020 14:06	WG1459175
4-Chlorotoluene	ND		0.125	1	04/11/2020 14:06	WG1459175
Cyclohexane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 14:06	WG1459175
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
Dibromomethane	ND		0.125	1	04/11/2020 14:06	WG1459175
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 14:06	WG1459175
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 14:06	WG1459175
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 14:06	WG1459175
1,2-Dichloropropane	ND		0.125	1	04/11/2020 14:06	WG1459175
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,3-Dichloropropane	ND		0.125	1	04/11/2020 14:06	WG1459175
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 14:06	WG1459175
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 14:06	WG1459175
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 14:06	WG1459175

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 14:06	WG1459175
Di-isopropyl ether	ND		0.0250	1	04/11/2020 14:06	WG1459175
Ethylbenzene	ND		0.0625	1	04/11/2020 14:06	WG1459175
4-Ethyltoluene	ND		0.125	1	04/11/2020 14:06	WG1459175
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 14:06	WG1459175
n-Hexane	ND		0.125	1	04/11/2020 14:06	WG1459175
Isopropylbenzene	ND		0.0625	1	04/11/2020 14:06	WG1459175
p-Isopropyltoluene	ND		0.125	1	04/11/2020 14:06	WG1459175
2-Butanone (MEK)	ND		0.625	1	04/11/2020 14:06	WG1459175
Methylene Chloride	ND		0.625	1	04/11/2020 14:06	WG1459175
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 14:06	WG1459175
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 14:06	WG1459175
Methyl Cyclohexane	ND	L1 R7	0.125	1	04/11/2020 14:06	WG1459175
Naphthalene	ND		0.313	1	04/11/2020 14:06	WG1459175
Propene	ND		1.25	1	04/11/2020 14:06	WG1459175
n-Propylbenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
Styrene	ND		0.313	1	04/11/2020 14:06	WG1459175
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
Tetrachloroethene	ND		0.0625	1	04/11/2020 14:06	WG1459175
Toluene	ND		0.125	1	04/11/2020 14:06	WG1459175
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 14:06	WG1459175
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 14:06	WG1459175
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
Trichloroethene	ND		0.0250	1	04/11/2020 14:06	WG1459175
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 14:06	WG1459175
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 14:06	WG1459175
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 14:06	WG1459175
Vinyl chloride	ND		0.0625	1	04/11/2020 14:06	WG1459175
Xylenes, Total	ND		0.163	1	04/11/2020 14:06	WG1459175
(S) Toluene-d8	*107*		*75.0-131*		*04/11/2020 14:06*	WG1459175
(S) 4-Bromofluorobenzene	*109*		*67.0-138*		*04/11/2020 14:06*	WG1459175
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*04/11/2020 14:06*	WG1459175

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 16:46	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 16:46	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 16:46	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 16:46	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 16:46	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 16:46	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 16:46	WG1460443
(S) Decachlorobiphenyl	*99.8*		*10.0-135*		*04/16/2020 16:46*	WG1460443
(S) Tetrachloro-m-xylene	*71.9*		*10.0-139*		*04/16/2020 16:46*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.143		0.00600	1	04/16/2020 00:03	WG1461079
Acenaphthene	0.396		0.00600	1	04/16/2020 00:03	WG1461079
Acenaphthylene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Chrysene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Fluoranthene	0.0177		0.00600	1	04/16/2020 00:03	WG1461079
Fluorene	0.656		0.00600	1	04/16/2020 00:03	WG1461079
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 00:03	WG1461079
Naphthalene	0.299		0.0200	1	04/16/2020 00:03	WG1461079
Phenanthrene	1.67		0.00600	1	04/16/2020 00:03	WG1461079
Pyrene	0.0851		0.00600	1	04/16/2020 00:03	WG1461079
1-Methylnaphthalene	1.96		0.0200	1	04/16/2020 00:03	WG1461079
2-Methylnaphthalene	0.986		0.0200	1	04/16/2020 00:03	WG1461079
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 00:03	WG1461079
(S) p-Terphenyl-d14	*78.2*		*23.0-120*		*04/16/2020 00:03*	WG1461079
(S) Nitrobenzene-d5	*0.000*	S6	*14.0-149*		*04/16/2020 00:03*	WG1461079
(S) 2-Fluorobiphenyl	*58.5*		*34.0-125*		*04/16/2020 00:03*	WG1461079

Sample Narrative:

L1207573-42 WG1461079: Surrogate failure due to matrix interference

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/14/2020 19:21	WG1460564

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	12.2		2.00	1	04/15/2020 18:08	WG1460539
Barium	211		0.500	1	04/15/2020 18:08	WG1460539
Cadmium	ND		0.500	1	04/15/2020 18:08	WG1460539
Chromium	6.96		1.00	1	04/15/2020 18:08	WG1460539
Lead	9.18		0.500	1	04/15/2020 18:08	WG1460539
Selenium	ND		2.00	1	04/15/2020 18:08	WG1460539
Silver	ND		1.00	1	04/15/2020 18:08	WG1460539

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	0.625	1	04/11/2020 14:26	WG1459175
Acrylonitrile	ND		0.313	1	04/11/2020 14:26	WG1459175
Benzene	ND		0.0250	1	04/11/2020 14:26	WG1459175
Bromobenzene	ND		0.313	1	04/11/2020 14:26	WG1459175
Bromodichloromethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
Bromoform	ND		0.625	1	04/11/2020 14:26	WG1459175
Bromomethane	ND		0.313	1	04/11/2020 14:26	WG1459175
1,3-Butadiene	ND		0.625	1	04/11/2020 14:26	WG1459175
n-Butylbenzene	ND		0.313	1	04/11/2020 14:26	WG1459175
sec-Butylbenzene	ND	L2	0.313	1	04/11/2020 14:26	WG1459175
tert-Butylbenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
Carbon disulfide	ND		0.313	1	04/11/2020 14:26	WG1459175
Carbon tetrachloride	ND		0.125	1	04/11/2020 14:26	WG1459175
Chlorobenzene	ND		0.0625	1	04/11/2020 14:26	WG1459175
Chlorodibromomethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
Chloroethane	ND		0.125	1	04/11/2020 14:26	WG1459175
Chloroform	ND		0.0625	1	04/11/2020 14:26	WG1459175
Chloromethane	ND		0.313	1	04/11/2020 14:26	WG1459175
2-Chlorotoluene	ND		0.0625	1	04/11/2020 14:26	WG1459175
4-Chlorotoluene	ND		0.125	1	04/11/2020 14:26	WG1459175
Cyclohexane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/11/2020 14:26	WG1459175
1,2-Dibromoethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
Dibromomethane	ND		0.125	1	04/11/2020 14:26	WG1459175
1,2-Dichlorobenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
1,3-Dichlorobenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
1,4-Dichlorobenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
Dichlorodifluoromethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,1-Dichloroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,2-Dichloroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,1-Dichloroethene	ND		0.0625	1	04/11/2020 14:26	WG1459175
cis-1,2-Dichloroethene	ND		0.0625	1	04/11/2020 14:26	WG1459175
trans-1,2-Dichloroethene	ND		0.125	1	04/11/2020 14:26	WG1459175
1,2-Dichloropropane	ND		0.125	1	04/11/2020 14:26	WG1459175
1,1-Dichloropropene	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,3-Dichloropropane	ND		0.125	1	04/11/2020 14:26	WG1459175
cis-1,3-Dichloropropene	ND		0.0625	1	04/11/2020 14:26	WG1459175
trans-1,3-Dichloropropene	ND		0.125	1	04/11/2020 14:26	WG1459175
2,2-Dichloropropane	ND		0.0625	1	04/11/2020 14:26	WG1459175

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/11/2020 14:26	WG1459175
Di-isopropyl ether	ND		0.0250	1	04/11/2020 14:26	WG1459175
Ethylbenzene	ND		0.0625	1	04/11/2020 14:26	WG1459175
4-Ethyltoluene	ND		0.125	1	04/11/2020 14:26	WG1459175
Hexachloro-1,3-butadiene	ND		0.625	1	04/11/2020 14:26	WG1459175
n-Hexane	ND		0.125	1	04/11/2020 14:26	WG1459175
Isopropylbenzene	ND		0.0625	1	04/11/2020 14:26	WG1459175
p-Isopropyltoluene	ND		0.125	1	04/11/2020 14:26	WG1459175
2-Butanone (MEK)	ND		0.625	1	04/11/2020 14:26	WG1459175
Methylene Chloride	ND		0.625	1	04/11/2020 14:26	WG1459175
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/11/2020 14:26	WG1459175
Methyl tert-butyl ether	ND		0.0250	1	04/11/2020 14:26	WG1459175
Methyl Cyclohexane	ND	L1 R7	0.125	1	04/11/2020 14:26	WG1459175
Naphthalene	ND		0.313	1	04/11/2020 14:26	WG1459175
Propene	ND		1.25	1	04/11/2020 14:26	WG1459175
n-Propylbenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
Styrene	ND		0.313	1	04/11/2020 14:26	WG1459175
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
Tetrachloroethene	ND		0.0625	1	04/11/2020 14:26	WG1459175
Toluene	ND		0.125	1	04/11/2020 14:26	WG1459175
1,2,3-Trichlorobenzene	ND		0.313	1	04/11/2020 14:26	WG1459175
1,2,4-Trichlorobenzene	ND		0.313	1	04/11/2020 14:26	WG1459175
1,1,1-Trichloroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,1,2-Trichloroethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
Trichloroethene	ND		0.0250	1	04/11/2020 14:26	WG1459175
Trichlorofluoromethane	ND		0.0625	1	04/11/2020 14:26	WG1459175
1,2,3-Trichloropropane	ND		0.313	1	04/11/2020 14:26	WG1459175
1,2,4-Trimethylbenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
1,2,3-Trimethylbenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
1,3,5-Trimethylbenzene	ND		0.125	1	04/11/2020 14:26	WG1459175
Vinyl chloride	ND		0.0625	1	04/11/2020 14:26	WG1459175
Xylenes, Total	ND		0.163	1	04/11/2020 14:26	WG1459175
(S) Toluene-d8	*111*		*75.0-131*		*04/11/2020 14:26*	WG1459175
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*04/11/2020 14:26*	WG1459175
(S) 1,2-Dichloroethane-d4	*106*		*70.0-130*		*04/11/2020 14:26*	WG1459175

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/16/2020 16:59	WG1460443
PCB 1221	ND		0.0340	1	04/16/2020 16:59	WG1460443
PCB 1232	ND		0.0340	1	04/16/2020 16:59	WG1460443
PCB 1242	ND		0.0340	1	04/16/2020 16:59	WG1460443
PCB 1248	ND		0.0170	1	04/16/2020 16:59	WG1460443
PCB 1254	ND		0.0170	1	04/16/2020 16:59	WG1460443
PCB 1260	ND		0.0170	1	04/16/2020 16:59	WG1460443
(S) Decachlorobiphenyl	*77.8*		*10.0-135*		*04/16/2020 16:59*	WG1460443
(S) Tetrachloro-m-xylene	*73.7*		*10.0-139*		*04/16/2020 16:59*	WG1460443

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Acenaphthene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Acenaphthylene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Chrysene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Fluoranthene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Fluorene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Naphthalene	ND		0.0200	1	04/16/2020 22:58	WG1461394
Phenanthrene	ND		0.00600	1	04/16/2020 22:58	WG1461394
Pyrene	ND		0.00600	1	04/16/2020 22:58	WG1461394
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 22:58	WG1461394
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 22:58	WG1461394
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 22:58	WG1461394
(S) p-Terphenyl-d14	*87.2*		*23.0-120*		*04/16/2020 22:58*	WG1461394
(S) Nitrobenzene-d5	*99.3*		*14.0-149*		*04/16/2020 22:58*	WG1461394
(S) 2-Fluorobiphenyl	*88.9*		*34.0-125*		*04/16/2020 22:58*	WG1461394

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/14/2020 08:27	WG1459569

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/11/2020 08:30	WG1458859
Barium	0.00701		0.00500	1	04/11/2020 08:30	WG1458859
Cadmium	ND		0.00200	1	04/11/2020 08:30	WG1458859
Chromium	ND		0.0100	1	04/11/2020 08:30	WG1458859
Lead	ND		0.00600	1	04/11/2020 08:30	WG1458859
Selenium	ND		0.0100	1	04/11/2020 08:30	WG1458859
Silver	ND		0.00500	1	04/11/2020 08:30	WG1458859

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/11/2020 01:03	WG1459079
Acrolein	ND	L1	0.0500	1	04/11/2020 01:03	WG1459079
Acrylonitrile	ND		0.0100	1	04/11/2020 01:03	WG1459079
Benzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Bromobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Bromodichloromethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Bromoform	ND		0.00100	1	04/11/2020 01:03	WG1459079
Bromomethane	ND		0.00500	1	04/11/2020 01:03	WG1459079
1,3-Butadiene	ND		0.00200	1	04/11/2020 01:03	WG1459079
n-Butylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
sec-Butylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
tert-Butylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Carbon tetrachloride	ND		0.00100	1	04/11/2020 01:03	WG1459079
Carbon disulfide	ND		0.00100	1	04/11/2020 01:03	WG1459079
Chlorobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Chlorodibromomethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Chloroethane	ND		0.00500	1	04/11/2020 01:03	WG1459079
Chloroform	ND		0.00500	1	04/11/2020 01:03	WG1459079
Chloromethane	ND		0.00250	1	04/11/2020 01:03	WG1459079
Cyclohexane	ND		0.00100	1	04/11/2020 01:03	WG1459079
2-Chlorotoluene	ND		0.00100	1	04/11/2020 01:03	WG1459079
4-Chlorotoluene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/11/2020 01:03	WG1459079
1,2-Dibromoethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Dibromomethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2-Dichlorobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,3-Dichlorobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,4-Dichlorobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Dichlorodifluoromethane	ND		0.00500	1	04/11/2020 01:03	WG1459079
1,1-Dichloroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2-Dichloroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1-Dichloroethene	ND		0.00100	1	04/11/2020 01:03	WG1459079
cis-1,2-Dichloroethene	ND		0.00100	1	04/11/2020 01:03	WG1459079
trans-1,2-Dichloroethene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2-Dichloropropane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1-Dichloropropene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,3-Dichloropropane	ND		0.00100	1	04/11/2020 01:03	WG1459079
cis-1,3-Dichloropropene	ND	L2	0.00100	1	04/11/2020 01:03	WG1459079
trans-1,3-Dichloropropene	ND		0.00100	1	04/11/2020 01:03	WG1459079

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Dicyclopentadiene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Di-isopropyl ether	ND		0.00100	1	04/11/2020 01:03	WG1459079
Ethylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
4-Ethyltoluene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Hexachloro-1,3-butadiene	ND		0.00100	1	04/11/2020 01:03	WG1459079
n-Hexane	ND		0.0100	1	04/11/2020 01:03	WG1459079
Isopropylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
p-Isopropyltoluene	ND		0.00100	1	04/11/2020 01:03	WG1459079
2-Butanone (MEK)	ND		0.0100	1	04/11/2020 01:03	WG1459079
Methyl Cyclohexane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Methylene Chloride	ND		0.00500	1	04/11/2020 01:03	WG1459079
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/11/2020 01:03	WG1459079
Methyl tert-butyl ether	ND		0.00100	1	04/11/2020 01:03	WG1459079
Naphthalene	ND		0.00500	1	04/11/2020 01:03	WG1459079
Propene	ND		0.00250	1	04/11/2020 01:03	WG1459079
n-Propylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Styrene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Tetrachloroethene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Toluene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2,3-Trichlorobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2,4-Trichlorobenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1,1-Trichloroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,1,2-Trichloroethane	ND		0.00100	1	04/11/2020 01:03	WG1459079
Trichloroethene	ND	L2	0.00100	1	04/11/2020 01:03	WG1459079
Trichlorofluoromethane	ND		0.00500	1	04/11/2020 01:03	WG1459079
1,2,3-Trichloropropane	ND		0.00250	1	04/11/2020 01:03	WG1459079
1,2,4-Trimethylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,2,3-Trimethylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
1,3,5-Trimethylbenzene	ND		0.00100	1	04/11/2020 01:03	WG1459079
Vinyl chloride	ND		0.00100	1	04/11/2020 01:03	WG1459079
Xylenes, Total	ND		0.00300	1	04/11/2020 01:03	WG1459079
(S) Toluene-d8	*112*		*80.0-120*		*04/11/2020 01:03*	WG1459079
(S) 4-Bromofluorobenzene	*79.9*		*77.0-126*		*04/11/2020 01:03*	WG1459079
(S) 1,2-Dichloroethane-d4	*116*		*70.0-130*		*04/11/2020 01:03*	WG1459079

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00102	1.02	04/15/2020 14:43	WG1460647
PCB 1221	ND		0.00102	1.02	04/15/2020 14:43	WG1460647
PCB 1232	ND		0.00102	1.02	04/15/2020 14:43	WG1460647
PCB 1242	ND		0.00102	1.02	04/15/2020 14:43	WG1460647
PCB 1248	ND		0.000510	1.02	04/15/2020 14:43	WG1460647
PCB 1254	ND		0.000510	1.02	04/15/2020 14:43	WG1460647
PCB 1260	ND		0.000510	1.02	04/15/2020 14:43	WG1460647
(S) Decachlorobiphenyl	*63.8*		*10.0-128*		*04/15/2020 14:43*	WG1460647
(S) Tetrachloro-m-xylene	*94.0*		*10.0-127*		*04/15/2020 14:43*	WG1460647

Sample Narrative:

L1207573-44 WG1460647: Dilution due to sample volume.

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Acenaphthene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Acenaphthylene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Benzo(a)anthracene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Benzo(a)pyrene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Benzo(b)fluoranthene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Benzo(g,h,i)perylene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Benzo(k)fluoranthene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Chrysene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Dibenz(a,h)anthracene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Fluoranthene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Fluorene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Naphthalene	ND		0.000250	1	04/14/2020 16:48	WG1460372
Phenanthrene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
Pyrene	ND		0.0000500	1	04/14/2020 16:48	WG1460372
1-Methylnaphthalene	ND		0.000250	1	04/14/2020 16:48	WG1460372
2-Methylnaphthalene	ND		0.000250	1	04/14/2020 16:48	WG1460372
2-Chloronaphthalene	ND		0.000250	1	04/14/2020 16:48	WG1460372
(S) Nitrobenzene-d5	*75.3*		*31.0-160*		*04/14/2020 16:48*	WG1460372
(S) 2-Fluorobiphenyl	*73.7*		*48.0-148*		*04/14/2020 16:48*	WG1460372
(S) p-Terphenyl-d14	*79.0*		*37.0-146*		*04/14/2020 16:48*	WG1460372

Method Blank (MB)

(MB) R3518415-1 04/14/20 08:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3518415-2 04/14/20 08:06

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00279	92.9	80.0-120	

L1207535-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207535-06 04/14/20 08:08 • (MS) R3518415-3 04/14/20 08:15 • (MSD) R3518415-4 04/14/20 08:18

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00271	0.00274	90.3	91.3	1	75.0-125			1.09	20

Method Blank (MB)

(MB) R3518631-1 04/14/20 20:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3518631-2 04/14/20 20:54

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.589	118	80.0-120	

L1207573-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-29 04/14/20 20:56 • (MS) R3518631-3 04/14/20 20:58 • (MSD) R3518631-4 04/14/20 21:00

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.618	0.640	124	128	1	75.0-125		M1	3.58	20

Method Blank (MB)

(MB) R3518630-1 04/14/20 19:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3518630-2 04/14/20 19:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.579	116	80.0-120	

L1207573-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-14 04/14/20 19:59 • (MS) R3518630-3 04/14/20 20:01 • (MSD) R3518630-4 04/14/20 20:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.471	0.604	94.3	121	1	75.0-125		R5	24.6	20

Method Blank (MB)

(MB) R3518629-1 04/14/20 19:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3518629-2 04/14/20 19:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.534	107	80.0-120	

L1207871-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207871-01 04/14/20 19:12 • (MS) R3518629-3 04/14/20 19:14 • (MSD) R3518629-4 04/14/20 19:16

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.627	U	0.759	0.667	121	106	1	75.0-125			12.8	20

Method Blank (MB)

(MB) R3517825-1 04/11/20 08:25

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3517825-2 04/11/20 08:27

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.931	93.1	80.0-120	
Barium	1.00	0.990	99.0	80.0-120	
Cadmium	1.00	0.947	94.7	80.0-120	
Chromium	1.00	0.953	95.3	80.0-120	
Lead	1.00	0.957	95.7	80.0-120	
Selenium	1.00	0.962	96.2	80.0-120	
Silver	0.200	0.175	87.4	80.0-120	

L1207573-44 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-44 04/11/20 08:30 • (MS) R3517825-4 04/11/20 08:35 • (MSD) R3517825-5 04/11/20 08:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00	ND	0.933	0.937	93.3	93.7	1	75.0-125			0.464	20
Barium	1.00	0.00701	0.998	0.999	99.1	99.2	1	75.0-125			0.163	20
Cadmium	1.00	ND	0.949	0.947	94.9	94.7	1	75.0-125			0.150	20
Chromium	1.00	ND	0.956	0.949	95.6	94.9	1	75.0-125			0.681	20
Lead	1.00	ND	0.959	0.961	95.9	96.1	1	75.0-125			0.140	20
Selenium	1.00	ND	0.959	0.964	95.9	96.4	1	75.0-125			0.570	20
Silver	0.200	ND	0.174	0.173	86.8	86.3	1	75.0-125			0.543	20

Method Blank (MB)

(MB) R3518659-1 04/15/20 01:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3518659-2 04/15/20 01:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	93.7	93.7	80.0-120	
Barium	100	102	102	80.0-120	
Cadmium	100	94.0	94.0	80.0-120	
Chromium	100	99.5	99.5	80.0-120	
Lead	100	97.7	97.7	80.0-120	
Selenium	100	96.6	96.6	80.0-120	
Silver	20.0	18.3	91.3	80.0-120	

L1207573-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-13 04/15/20 01:59 • (MS) R3518659-5 04/15/20 02:06 • (MSD) R3518659-6 04/15/20 02:09

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	3.67	102	103	98.5	99.5	1	75.0-125			1.01	20
Barium	100	55.5	151	191	95.8	135	1	75.0-125		M1 R5	22.9	20
Cadmium	100	ND	98.8	99.2	98.7	99.1	1	75.0-125			0.430	20
Chromium	100	3.75	114	108	111	105	1	75.0-125			5.49	20
Lead	100	7.76	113	117	105	109	1	75.0-125			3.13	20
Selenium	100	ND	101	100	101	100	1	75.0-125			0.577	20
Silver	20.0	ND	18.9	19.1	94.6	95.5	1	75.0-125			0.934	20

Method Blank (MB)

(MB) R3519069-1 04/16/20 01:12

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519069-2 04/16/20 01:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	91.2	91.2	80.0-120	
Barium	100	95.5	95.5	80.0-120	
Cadmium	100	91.6	91.6	80.0-120	
Chromium	100	94.0	94.0	80.0-120	
Lead	100	91.7	91.7	80.0-120	
Selenium	100	90.2	90.2	80.0-120	
Silver	20.0	18.2	91.1	80.0-120	

L1207573-29 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-29 04/16/20 01:17 • (MS) R3519069-5 04/16/20 01:24 • (MSD) R3519069-6 04/16/20 01:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	7.93	106	108	98.3	99.7	1	75.0-125			1.32	20
Barium	100	134	233	241	98.3	106	1	75.0-125			3.38	20
Cadmium	100	ND	101	102	101	102	1	75.0-125			0.569	20
Chromium	100	12.2	113	114	101	102	1	75.0-125			0.762	20
Lead	100	14.5	121	121	106	107	1	75.0-125			0.364	20
Selenium	100	ND	97.9	99.4	97.9	99.4	1	75.0-125			1.49	20
Silver	20.0	ND	19.6	19.8	98.2	99.2	1	75.0-125			1.05	20

Method Blank (MB)

(MB) R3519022-1 04/15/20 17:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519022-2 04/15/20 17:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	91.2	91.2	80.0-120	
Barium	100	96.3	96.3	80.0-120	
Cadmium	100	92.1	92.1	80.0-120	
Chromium	100	94.0	94.0	80.0-120	
Lead	100	95.5	95.5	80.0-120	
Selenium	100	91.9	91.9	80.0-120	
Silver	20.0	17.8	89.2	80.0-120	

L1207871-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207871-01 04/15/20 17:28 • (MS) R3519022-5 04/15/20 17:36 • (MSD) R3519022-6 04/15/20 17:39

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	125	9.11	117	118	85.9	87.1	1	75.0-125			1.25	20
Barium	125	373	414	457	32.4	67.0	1	75.0-125	M2	M2	9.95	20
Cadmium	125	0.192	110	113	87.4	89.8	1	75.0-125			2.61	20
Chromium	125	29.7	140	145	88.3	91.8	1	75.0-125			3.13	20
Lead	125	19.1	143	142	98.9	98.2	1	75.0-125			0.574	20
Selenium	125	U	107	111	85.3	88.5	1	75.0-125			3.69	20
Silver	25.1	U	21.3	22.1	85.1	88.0	1	75.0-125			3.34	20

Method Blank (MB)

(MB) R3518929-2 04/10/20 20:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3518929-2 04/10/20 20:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*108*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*96.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518929-1 04/10/20 19:16 • (LCSD) R3518929-3 04/10/20 20:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.707	0.730	113	117	10.0-160			3.20	31
Acrylonitrile	0.625	0.701	0.712	112	114	45.0-153			1.56	22
Benzene	0.125	0.129	0.121	103	96.8	70.0-123			6.40	20
Bromobenzene	0.125	0.131	0.125	105	100	73.0-121			4.69	20
Bromodichloromethane	0.125	0.112	0.108	89.6	86.4	73.0-121			3.64	20
Bromoform	0.125	0.134	0.132	107	106	64.0-132			1.50	20
Bromomethane	0.125	0.121	0.117	96.8	93.6	56.0-147			3.36	20
1,3-Butadiene	0.125	0.0773	0.0892	61.8	71.4	32.0-150			14.3	20
n-Butylbenzene	0.125	0.110	0.0983	88.0	78.6	68.0-135			11.2	20
sec-Butylbenzene	0.125	0.108	0.105	86.4	84.0	74.0-130			2.82	20
tert-Butylbenzene	0.125	0.128	0.123	102	98.4	75.0-127			3.98	20
Carbon disulfide	0.125	0.103	0.102	82.4	81.6	56.0-133			0.976	20
Carbon tetrachloride	0.125	0.138	0.128	110	102	66.0-128			7.52	20
Chlorobenzene	0.125	0.114	0.106	91.2	84.8	76.0-128			7.27	20
Chlorodibromomethane	0.125	0.158	0.146	126	117	74.0-127			7.89	20
Chloroethane	0.125	0.112	0.113	89.6	90.4	61.0-134			0.889	20
Chloroform	0.125	0.0960	0.0929	76.8	74.3	72.0-123			3.28	20
Chloromethane	0.125	0.119	0.111	95.2	88.8	51.0-138			6.96	20
Cyclohexane	0.125	0.136	0.128	109	102	70.0-130			6.06	20
2-Chlorotoluene	0.125	0.135	0.137	108	110	75.0-124			1.47	20
4-Chlorotoluene	0.125	0.118	0.111	94.4	88.8	75.0-124			6.11	20
1,2-Dibromo-3-Chloropropane	0.125	0.124	0.124	99.2	99.2	59.0-130			0.000	20
1,2-Dibromoethane	0.125	0.118	0.111	94.4	88.8	74.0-128			6.11	20
Dibromomethane	0.125	0.120	0.119	96.0	95.2	75.0-122			0.837	20
1,2-Dichlorobenzene	0.125	0.116	0.114	92.8	91.2	76.0-124			1.74	20
1,3-Dichlorobenzene	0.125	0.118	0.106	94.4	84.8	76.0-125			10.7	20
1,4-Dichlorobenzene	0.125	0.113	0.107	90.4	85.6	77.0-121			5.45	20
Dichlorodifluoromethane	0.125	0.112	0.112	89.6	89.6	43.0-156			0.000	20
1,1-Dichloroethane	0.125	0.131	0.125	105	100	70.0-127			4.69	20
1,2-Dichloroethane	0.125	0.126	0.121	101	96.8	65.0-131			4.05	20
1,1-Dichloroethene	0.125	0.118	0.122	94.4	97.6	65.0-131			3.33	20
cis-1,2-Dichloroethene	0.125	0.117	0.104	93.6	83.2	73.0-125			11.8	20
trans-1,2-Dichloroethene	0.125	0.110	0.113	88.0	90.4	71.0-125			2.69	20
1,2-Dichloropropane	0.125	0.123	0.118	98.4	94.4	74.0-125			4.15	20
1,1-Dichloropropene	0.125	0.103	0.0947	82.4	75.8	73.0-125			8.40	20
1,3-Dichloropropane	0.125	0.126	0.117	101	93.6	80.0-125			7.41	20
cis-1,3-Dichloropropene	0.125	0.123	0.121	98.4	96.8	76.0-127			1.64	20
trans-1,3-Dichloropropene	0.125	0.120	0.110	96.0	88.0	73.0-127			8.70	20
2,2-Dichloropropane	0.125	0.142	0.139	114	111	59.0-135			2.14	20
Dicyclopentadiene	0.125	0.115	0.113	92.0	90.4	71.0-132			1.75	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518929-1 04/10/20 19:16 • (LCSD) R3518929-3 04/10/20 20:37

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.108	0.106	86.4	84.8	60.0-136			1.87	20
Ethylbenzene	0.125	0.107	0.103	85.6	82.4	74.0-126			3.81	20
4-Ethyltoluene	0.125	0.129	0.118	103	94.4	71.0-129			8.91	20
Hexachloro-1,3-butadiene	0.125	0.111	0.113	88.8	90.4	57.0-150			1.79	20
n-Hexane	0.125	0.128	0.124	102	99.2	55.0-137			3.17	20
Isopropylbenzene	0.125	0.120	0.111	96.0	88.8	72.0-127			7.79	20
p-Isopropyltoluene	0.125	0.114	0.111	91.2	88.8	72.0-133			2.67	20
2-Butanone (MEK)	0.625	0.614	0.622	98.2	99.5	30.0-160			1.29	24
Methyl Cyclohexane	0.125	0.119	0.109	95.2	87.2	67.0-129			8.77	20
Methylene Chloride	0.125	0.109	0.112	87.2	89.6	68.0-123			2.71	20
4-Methyl-2-pentanone (MIBK)	0.625	0.604	0.601	96.6	96.2	56.0-143			0.498	20
Methyl tert-butyl ether	0.125	0.124	0.119	99.2	95.2	66.0-132			4.12	20
Naphthalene	0.125	0.124	0.123	99.2	98.4	59.0-130			0.810	20
Propene	0.125	0.0800	0.0871	64.0	69.7	10.0-160			8.50	20
n-Propylbenzene	0.125	0.120	0.116	96.0	92.8	74.0-126			3.39	20
Styrene	0.125	0.113	0.107	90.4	85.6	72.0-127			5.45	20
1,1,1,2-Tetrachloroethane	0.125	0.104	0.0969	83.2	77.5	74.0-129			7.07	20
1,1,2,2-Tetrachloroethane	0.125	0.106	0.108	84.8	86.4	68.0-128			1.87	20
Tetrachloroethene	0.125	0.111	0.111	88.8	88.8	70.0-136			0.000	20
Toluene	0.125	0.127	0.118	102	94.4	75.0-121			7.35	20
1,1,2-Trichlorotrifluoroethane	0.125	0.0948	0.0871	75.8	69.7	61.0-139			8.47	20
1,2,3-Trichlorobenzene	0.125	0.113	0.110	90.4	88.0	59.0-139			2.69	20
1,2,4-Trichlorobenzene	0.125	0.119	0.109	95.2	87.2	62.0-137			8.77	20
1,1,1-Trichloroethane	0.125	0.114	0.102	91.2	81.6	69.0-126			11.1	20
1,1,2-Trichloroethane	0.125	0.132	0.120	106	96.0	78.0-123			9.52	20
Trichloroethene	0.125	0.100	0.103	80.0	82.4	76.0-126			2.96	20
Trichlorofluoromethane	0.125	0.109	0.107	87.2	85.6	61.0-142			1.85	20
1,2,3-Trichloropropane	0.125	0.125	0.128	100	102	67.0-129			2.37	20
1,2,3-Trimethylbenzene	0.125	0.107	0.106	85.6	84.8	74.0-124			0.939	20
1,2,4-Trimethylbenzene	0.125	0.118	0.111	94.4	88.8	70.0-126			6.11	20
1,3,5-Trimethylbenzene	0.125	0.127	0.118	102	94.4	73.0-127			7.35	20
Vinyl chloride	0.125	0.131	0.126	105	101	63.0-134			3.89	20
Xylenes, Total	0.375	0.354	0.346	94.4	92.3	72.0-127			2.29	20
(S) Toluene-d8				*103*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*105*	*107*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*101*	*106*	*70.0-130*				

Method Blank (MB)

(MB) R3518352-2 04/13/20 16:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U	E4	0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3518352-2 04/13/20 16:00

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3518352-1 04/13/20 14:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.822	132	10.0-160	
Acrylonitrile	0.625	0.720	115	45.0-153	
Benzene	0.125	0.130	104	70.0-123	
Bromobenzene	0.125	0.129	103	73.0-121	
Bromodichloromethane	0.125	0.126	101	73.0-121	
Bromoform	0.125	0.134	107	64.0-132	
Bromomethane	0.125	0.132	106	56.0-147	
1,3-Butadiene	0.125	0.0904	72.3	32.0-150	
n-Butylbenzene	0.125	0.111	88.8	68.0-135	
sec-Butylbenzene	0.125	0.108	86.4	74.0-130	
tert-Butylbenzene	0.125	0.134	107	75.0-127	
Carbon disulfide	0.125	0.112	89.6	56.0-133	
Carbon tetrachloride	0.125	0.147	118	66.0-128	
Chlorobenzene	0.125	0.116	92.8	76.0-128	
Chlorodibromomethane	0.125	0.154	123	74.0-127	
Chloroethane	0.125	0.108	86.4	61.0-134	
Chloroform	0.125	0.100	80.0	72.0-123	
Chloromethane	0.125	0.134	107	51.0-138	
Cyclohexane	0.125	0.145	116	70.0-130	
2-Chlorotoluene	0.125	0.130	104	75.0-124	
4-Chlorotoluene	0.125	0.109	87.2	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.132	106	59.0-130	
1,2-Dibromoethane	0.125	0.108	86.4	74.0-128	
Dibromomethane	0.125	0.132	106	75.0-122	
1,2-Dichlorobenzene	0.125	0.124	99.2	76.0-124	
1,3-Dichlorobenzene	0.125	0.113	90.4	76.0-125	
1,4-Dichlorobenzene	0.125	0.114	91.2	77.0-121	
Dichlorodifluoromethane	0.125	0.139	111	43.0-156	
1,1-Dichloroethane	0.125	0.134	107	70.0-127	
1,2-Dichloroethane	0.125	0.136	109	65.0-131	
1,1-Dichloroethene	0.125	0.145	116	65.0-131	
cis-1,2-Dichloroethene	0.125	0.119	95.2	73.0-125	
trans-1,2-Dichloroethene	0.125	0.133	106	71.0-125	
1,2-Dichloropropane	0.125	0.127	102	74.0-125	
1,1-Dichloropropene	0.125	0.108	86.4	73.0-125	
1,3-Dichloropropane	0.125	0.123	98.4	80.0-125	
cis-1,3-Dichloropropene	0.125	0.131	105	76.0-127	
trans-1,3-Dichloropropene	0.125	0.117	93.6	73.0-127	
2,2-Dichloropropane	0.125	0.177	142	59.0-135	L1
Dicyclopentadiene	0.125	0.117	93.6	71.0-132	

Laboratory Control Sample (LCS)

(LCS) R3518352-1 04/13/20 14:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Di-isopropyl ether	0.125	0.119	95.2	60.0-136	
Ethylbenzene	0.125	0.106	84.8	74.0-126	
4-Ethyltoluene	0.125	0.127	102	71.0-129	
Hexachloro-1,3-butadiene	0.125	0.103	82.4	57.0-150	
n-Hexane	0.125	0.133	106	55.0-137	
Isopropylbenzene	0.125	0.122	97.6	72.0-127	
p-Isopropyltoluene	0.125	0.112	89.6	72.0-133	
2-Butanone (MEK)	0.625	0.698	112	30.0-160	
Methyl Cyclohexane	0.125	0.115	92.0	67.0-129	
Methylene Chloride	0.125	0.109	87.2	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.623	99.7	56.0-143	
Methyl tert-butyl ether	0.125	0.124	99.2	66.0-132	
Naphthalene	0.125	0.126	101	59.0-130	
Propene	0.125	0.0864	69.1	10.0-160	
n-Propylbenzene	0.125	0.122	97.6	74.0-126	
Styrene	0.125	0.109	87.2	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.100	80.0	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.107	85.6	68.0-128	
Tetrachloroethene	0.125	0.116	92.8	70.0-136	
Toluene	0.125	0.127	102	75.0-121	
1,1,2-Trichlorotrifluoroethane	0.125	0.102	81.6	61.0-139	
1,2,3-Trichlorobenzene	0.125	0.125	100	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.113	90.4	62.0-137	
1,1,1-Trichloroethane	0.125	0.134	107	69.0-126	
1,1,2-Trichloroethane	0.125	0.125	100	78.0-123	
Trichloroethene	0.125	0.114	91.2	76.0-126	
Trichlorofluoromethane	0.125	0.137	110	61.0-142	
1,2,3-Trichloropropane	0.125	0.138	110	67.0-129	
1,2,3-Trimethylbenzene	0.125	0.108	86.4	74.0-124	
1,2,4-Trimethylbenzene	0.125	0.115	92.0	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.131	105	73.0-127	
Vinyl chloride	0.125	0.138	110	63.0-134	
Xylenes, Total	0.375	0.356	94.9	72.0-127	
(S) Toluene-d8			*98.7*	*75.0-131*	
(S) 4-Bromofluorobenzene			*103*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*118*	*70.0-130*	

Method Blank (MB)

(MB) R3518252-3 04/11/20 06:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.343	0.625
Acrylonitrile	U		0.0475	0.313
Benzene	U		0.0100	0.0250
Bromobenzene	U		0.0263	0.313
Bromodichloromethane	U		0.0197	0.0625
Bromoform	U		0.150	0.625
Bromomethane	U		0.0925	0.313
1,3-Butadiene	U		0.211	0.625
n-Butylbenzene	U	E4	0.0960	0.313
sec-Butylbenzene	U	E4	0.0633	0.313
tert-Butylbenzene	U	E4	0.0388	0.125
Carbon disulfide	U		0.102	0.313
Carbon tetrachloride	U		0.0270	0.125
Chlorobenzene	U		0.0143	0.0625
Chlorodibromomethane	U		0.0113	0.0625
Chloroethane	U		0.0270	0.125
Chloroform	U		0.0104	0.0625
Chloromethane	U		0.0348	0.313
Cyclohexane	U		0.0127	0.0625
2-Chlorotoluene	U		0.0230	0.0625
4-Chlorotoluene	U		0.0283	0.125
1,2-Dibromo-3-Chloropropane	U		0.128	0.625
1,2-Dibromoethane	U		0.0131	0.0625
Dibromomethane	U		0.0250	0.125
1,2-Dichlorobenzene	U		0.0363	0.125
1,3-Dichlorobenzene	U		0.0425	0.125
1,4-Dichlorobenzene	U		0.0493	0.125
Dichlorodifluoromethane	U		0.0205	0.0625
1,1-Dichloroethane	U		0.0144	0.0625
1,2-Dichloroethane	U		0.0119	0.0625
1,1-Dichloroethene	U		0.0125	0.0625
cis-1,2-Dichloroethene	U		0.0173	0.0625
trans-1,2-Dichloroethene	U		0.0358	0.125
1,2-Dichloropropane	U		0.0318	0.125
1,1-Dichloropropene	U		0.0175	0.0625
1,3-Dichloropropane	U		0.0438	0.125
cis-1,3-Dichloropropene	U		0.0170	0.0625
trans-1,3-Dichloropropene	U		0.0383	0.125
2,2-Dichloropropane	U		0.0198	0.0625
Dicyclopentadiene	U		0.0910	0.313

Method Blank (MB)

(MB) R3518252-3 04/11/20 06:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.00875	0.0250
Ethylbenzene	U		0.0133	0.0625
4-Ethyltoluene	U		0.0268	0.125
Hexachloro-1,3-butadiene	U		0.318	0.625
n-Hexane	U		0.0265	0.125
Isopropylbenzene	U		0.0216	0.0625
p-Isopropyltoluene	U	E4	0.0583	0.125
2-Butanone (MEK)	U		0.313	0.625
Methyl Cyclohexane	U		0.0258	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.250	0.625
Methyl tert-butyl ether	U		0.00738	0.0250
Naphthalene	U		0.0780	0.313
Propene	U		0.523	1.25
n-Propylbenzene	U		0.0295	0.125
Styrene	U		0.0683	0.313
1,1,1,2-Tetrachloroethane	U		0.0125	0.0625
1,1,2,2-Tetrachloroethane	U		0.00975	0.0625
Tetrachloroethene	U		0.0175	0.0625
Toluene	U		0.0313	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0169	0.0625
1,2,3-Trichlorobenzene	U		0.0156	0.313
1,2,4-Trichlorobenzene	U		0.121	0.313
1,1,1-Trichloroethane	U		0.00688	0.0625
1,1,2-Trichloroethane	U		0.0221	0.0625
Trichloroethene	U		0.0100	0.0250
Trichlorofluoromethane	U		0.0125	0.0625
1,2,3-Trichloropropane	U		0.128	0.313
1,2,3-Trimethylbenzene	U		0.0288	0.125
1,2,4-Trimethylbenzene	U	E4	0.0290	0.125
1,3,5-Trimethylbenzene	U		0.0270	0.125
Vinyl chloride	U		0.0171	0.0625
Xylenes, Total	U		0.120	0.163
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*108*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*106*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518252-1 04/11/20 05:16 • (LCSD) R3518252-2 04/11/20 05:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.875	0.584	140	93.4	10.0-160		R7	39.9	31
Acrylonitrile	0.625	0.795	0.712	127	114	45.0-153			11.0	22
Benzene	0.125	0.0938	0.0971	75.0	77.7	70.0-123			3.46	20
Bromobenzene	0.125	0.105	0.110	84.0	88.0	73.0-121			4.65	20
Bromodichloromethane	0.125	0.109	0.120	87.2	96.0	73.0-121			9.61	20
Bromoform	0.125	0.117	0.120	93.6	96.0	64.0-132			2.53	20
Bromomethane	0.125	0.0812	0.0883	65.0	70.6	56.0-147			8.38	20
1,3-Butadiene	0.125	0.109	0.112	87.2	89.6	32.0-150			2.71	20
n-Butylbenzene	0.125	0.110	0.116	88.0	92.8	68.0-135			5.31	20
sec-Butylbenzene	0.125	0.0904	0.0943	72.3	75.4	74.0-130	L2		4.22	20
tert-Butylbenzene	0.125	0.104	0.105	83.2	84.0	75.0-127			0.957	20
Carbon disulfide	0.125	0.0893	0.0938	71.4	75.0	56.0-133			4.92	20
Carbon tetrachloride	0.125	0.103	0.108	82.4	86.4	66.0-128			4.74	20
Chlorobenzene	0.125	0.124	0.128	99.2	102	76.0-128			3.17	20
Chlorodibromomethane	0.125	0.118	0.117	94.4	93.6	74.0-127			0.851	20
Chloroethane	0.125	0.110	0.121	88.0	96.8	61.0-134			9.52	20
Chloroform	0.125	0.107	0.114	85.6	91.2	72.0-123			6.33	20
Chloromethane	0.125	0.100	0.107	80.0	85.6	51.0-138			6.76	20
Cyclohexane	0.125	0.0999	0.103	79.9	82.4	70.0-130			3.06	20
2-Chlorotoluene	0.125	0.105	0.103	84.0	82.4	75.0-124			1.92	20
4-Chlorotoluene	0.125	0.0993	0.103	79.4	82.4	75.0-124			3.66	20
1,2-Dibromo-3-Chloropropane	0.125	0.0928	0.0954	74.2	76.3	59.0-130			2.76	20
1,2-Dibromoethane	0.125	0.126	0.127	101	102	74.0-128			0.791	20
Dibromomethane	0.125	0.118	0.120	94.4	96.0	75.0-122			1.68	20
1,2-Dichlorobenzene	0.125	0.0995	0.101	79.6	80.8	76.0-124			1.50	20
1,3-Dichlorobenzene	0.125	0.118	0.126	94.4	101	76.0-125			6.56	20
1,4-Dichlorobenzene	0.125	0.107	0.109	85.6	87.2	77.0-121			1.85	20
Dichlorodifluoromethane	0.125	0.148	0.164	118	131	43.0-156			10.3	20
1,1-Dichloroethane	0.125	0.123	0.129	98.4	103	70.0-127			4.76	20
1,2-Dichloroethane	0.125	0.116	0.116	92.8	92.8	65.0-131			0.000	20
1,1-Dichloroethene	0.125	0.106	0.109	84.8	87.2	65.0-131			2.79	20
cis-1,2-Dichloroethene	0.125	0.112	0.123	89.6	98.4	73.0-125			9.36	20
trans-1,2-Dichloroethene	0.125	0.0977	0.103	78.2	82.4	71.0-125			5.28	20
1,2-Dichloropropane	0.125	0.119	0.124	95.2	99.2	74.0-125			4.12	20
1,1-Dichloropropene	0.125	0.103	0.104	82.4	83.2	73.0-125			0.966	20
1,3-Dichloropropane	0.125	0.118	0.116	94.4	92.8	80.0-125			1.71	20
cis-1,3-Dichloropropene	0.125	0.114	0.120	91.2	96.0	76.0-127			5.13	20
trans-1,3-Dichloropropene	0.125	0.141	0.144	113	115	73.0-127			2.11	20
2,2-Dichloropropane	0.125	0.106	0.115	84.8	92.0	59.0-135			8.14	20
Dicyclopentadiene	0.125	0.106	0.112	84.8	89.6	71.0-132			5.50	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518252-1 04/11/20 05:16 • (LCSD) R3518252-2 04/11/20 05:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.127	0.133	102	106	60.0-136			4.62	20
Ethylbenzene	0.125	0.114	0.119	91.2	95.2	74.0-126			4.29	20
4-Ethyltoluene	0.125	0.106	0.112	84.8	89.6	71.0-129			5.50	20
Hexachloro-1,3-butadiene	0.125	0.0978	0.105	78.2	84.0	57.0-150			7.10	20
n-Hexane	0.125	0.133	0.124	106	99.2	55.0-137			7.00	20
Isopropylbenzene	0.125	0.101	0.104	80.8	83.2	72.0-127			2.93	20
p-Isopropyltoluene	0.125	0.104	0.110	83.2	88.0	72.0-133			5.61	20
2-Butanone (MEK)	0.625	0.609	0.576	97.4	92.2	30.0-160			5.57	24
Methyl Cyclohexane	0.125	0.106	0.173	84.8	138	67.0-129		L1 R7	48.0	20
Methylene Chloride	0.125	0.100	0.104	80.0	83.2	68.0-123			3.92	20
4-Methyl-2-pentanone (MIBK)	0.625	0.569	0.554	91.0	88.6	56.0-143			2.67	20
Methyl tert-butyl ether	0.125	0.105	0.111	84.0	88.8	66.0-132			5.56	20
Naphthalene	0.125	0.0921	0.0929	73.7	74.3	59.0-130			0.865	20
Propene	0.125	0.0795	0.0880	63.6	70.4	10.0-160			10.1	20
n-Propylbenzene	0.125	0.0954	0.0986	76.3	78.9	74.0-126			3.30	20
Styrene	0.125	0.107	0.111	85.6	88.8	72.0-127			3.67	20
1,1,1,2-Tetrachloroethane	0.125	0.100	0.103	80.0	82.4	74.0-129			2.96	20
1,1,2,2-Tetrachloroethane	0.125	0.103	0.103	82.4	82.4	68.0-128			0.000	20
Tetrachloroethene	0.125	0.106	0.108	84.8	86.4	70.0-136			1.87	20
Toluene	0.125	0.101	0.104	80.8	83.2	75.0-121			2.93	20
1,1,2-Trichlorotrifluoroethane	0.125	0.131	0.139	105	111	61.0-139			5.93	20
1,2,3-Trichlorobenzene	0.125	0.0936	0.0957	74.9	76.6	59.0-139			2.22	20
1,2,4-Trichlorobenzene	0.125	0.111	0.117	88.8	93.6	62.0-137			5.26	20
1,1,1-Trichloroethane	0.125	0.117	0.124	93.6	99.2	69.0-126			5.81	20
1,1,2-Trichloroethane	0.125	0.110	0.112	88.0	89.6	78.0-123			1.80	20
Trichloroethene	0.125	0.105	0.110	84.0	88.0	76.0-126			4.65	20
Trichlorofluoromethane	0.125	0.117	0.126	93.6	101	61.0-142			7.41	20
1,2,3-Trichloropropane	0.125	0.116	0.113	92.8	90.4	67.0-129			2.62	20
1,2,3-Trimethylbenzene	0.125	0.0990	0.103	79.2	82.4	74.0-124			3.96	20
1,2,4-Trimethylbenzene	0.125	0.120	0.124	96.0	99.2	70.0-126			3.28	20
1,3,5-Trimethylbenzene	0.125	0.0941	0.0976	75.3	78.1	73.0-127			3.65	20
Vinyl chloride	0.125	0.108	0.120	86.4	96.0	63.0-134			10.5	20
Xylenes, Total	0.375	0.332	0.341	88.5	90.9	72.0-127			2.67	20
(S) Toluene-d8				*107*	*107*	*75.0-131*				
(S) 4-Bromofluorobenzene				*105*	*104*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*105*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R3518608-3 04/14/20 12:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3518608-3 04/14/20 12:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*101*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*99.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518608-1 04/14/20 11:39 • (LCSD) R3518608-2 04/14/20 11:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.877	0.846	140	135	10.0-160			3.60	31
Acrylonitrile	0.625	0.747	0.723	120	116	45.0-153			3.27	22
Benzene	0.125	0.119	0.118	95.2	94.4	70.0-123			0.844	20
Bromobenzene	0.125	0.132	0.136	106	109	73.0-121			2.99	20
Bromodichloromethane	0.125	0.119	0.118	95.2	94.4	73.0-121			0.844	20
Bromoform	0.125	0.140	0.139	112	111	64.0-132			0.717	20
Bromomethane	0.125	0.123	0.112	98.4	89.6	56.0-147			9.36	20
1,3-Butadiene	0.125	0.140	0.135	112	108	32.0-150			3.64	20
n-Butylbenzene	0.125	0.109	0.114	87.2	91.2	68.0-135			4.48	20
sec-Butylbenzene	0.125	0.107	0.113	85.6	90.4	74.0-130			5.45	20
tert-Butylbenzene	0.125	0.111	0.120	88.8	96.0	75.0-127			7.79	20
Carbon disulfide	0.125	0.117	0.111	93.6	88.8	56.0-133			5.26	20
Carbon tetrachloride	0.125	0.112	0.109	89.6	87.2	66.0-128			2.71	20
Chlorobenzene	0.125	0.121	0.122	96.8	97.6	76.0-128			0.823	20
Chlorodibromomethane	0.125	0.122	0.121	97.6	96.8	74.0-127			0.823	20
Chloroethane	0.125	0.121	0.107	96.8	85.6	61.0-134			12.3	20
Chloroform	0.125	0.128	0.124	102	99.2	72.0-123			3.17	20
Chloromethane	0.125	0.130	0.130	104	104	51.0-138			0.000	20
Cyclohexane	0.125	0.121	0.111	96.8	88.8	70.0-130			8.62	20
2-Chlorotoluene	0.125	0.112	0.119	89.6	95.2	75.0-124			6.06	20
4-Chlorotoluene	0.125	0.112	0.117	89.6	93.6	75.0-124			4.37	20
1,2-Dibromo-3-Chloropropane	0.125	0.130	0.129	104	103	59.0-130			0.772	20
1,2-Dibromoethane	0.125	0.143	0.145	114	116	74.0-128			1.39	20
Dibromomethane	0.125	0.131	0.129	105	103	75.0-122			1.54	20
1,2-Dichlorobenzene	0.125	0.113	0.120	90.4	96.0	76.0-124			6.01	20
1,3-Dichlorobenzene	0.125	0.114	0.119	91.2	95.2	76.0-125			4.29	20
1,4-Dichlorobenzene	0.125	0.119	0.129	95.2	103	77.0-121			8.06	20
Dichlorodifluoromethane	0.125	0.106	0.102	84.8	81.6	43.0-156			3.85	20
1,1-Dichloroethane	0.125	0.132	0.126	106	101	70.0-127			4.65	20
1,2-Dichloroethane	0.125	0.109	0.112	87.2	89.6	65.0-131			2.71	20
1,1-Dichloroethene	0.125	0.115	0.109	92.0	87.2	65.0-131			5.36	20
cis-1,2-Dichloroethene	0.125	0.124	0.121	99.2	96.8	73.0-125			2.45	20
trans-1,2-Dichloroethene	0.125	0.123	0.115	98.4	92.0	71.0-125			6.72	20
1,2-Dichloropropane	0.125	0.125	0.123	100	98.4	74.0-125			1.61	20
1,1-Dichloropropene	0.125	0.114	0.115	91.2	92.0	73.0-125			0.873	20
1,3-Dichloropropane	0.125	0.129	0.133	103	106	80.0-125			3.05	20
cis-1,3-Dichloropropene	0.125	0.114	0.116	91.2	92.8	76.0-127			1.74	20
trans-1,3-Dichloropropene	0.125	0.113	0.118	90.4	94.4	73.0-127			4.33	20
2,2-Dichloropropane	0.125	0.134	0.126	107	101	59.0-135			6.15	20
Dicyclopentadiene	0.125	0.128	0.136	102	109	71.0-132			6.06	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518608-1 04/14/20 11:39 • (LCSD) R3518608-2 04/14/20 11:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.126	0.125	101	100	60.0-136			0.797	20
Ethylbenzene	0.125	0.111	0.107	88.8	85.6	74.0-126			3.67	20
4-Ethyltoluene	0.125	0.114	0.119	91.2	95.2	71.0-129			4.29	20
Hexachloro-1,3-butadiene	0.125	0.124	0.132	99.2	106	57.0-150			6.25	20
n-Hexane	0.125	0.125	0.124	100	99.2	55.0-137			0.803	20
Isopropylbenzene	0.125	0.126	0.126	101	101	72.0-127			0.000	20
p-Isopropyltoluene	0.125	0.109	0.113	87.2	90.4	72.0-133			3.60	20
2-Butanone (MEK)	0.625	0.683	0.696	109	111	30.0-160			1.89	24
Methyl Cyclohexane	0.125	0.130	0.130	104	104	67.0-129			0.000	20
Methylene Chloride	0.125	0.137	0.135	110	108	68.0-123			1.47	20
4-Methyl-2-pentanone (MIBK)	0.625	0.715	0.723	114	116	56.0-143			1.11	20
Methyl tert-butyl ether	0.125	0.138	0.136	110	109	66.0-132			1.46	20
Naphthalene	0.125	0.101	0.116	80.8	92.8	59.0-130			13.8	20
Propene	0.125	0.0738	0.0662	59.0	53.0	10.0-160			10.9	20
n-Propylbenzene	0.125	0.122	0.126	97.6	101	74.0-126			3.23	20
Styrene	0.125	0.120	0.119	96.0	95.2	72.0-127			0.837	20
1,1,1,2-Tetrachloroethane	0.125	0.142	0.143	114	114	74.0-129			0.702	20
1,1,2,2-Tetrachloroethane	0.125	0.120	0.127	96.0	102	68.0-128			5.67	20
Tetrachloroethene	0.125	0.140	0.138	112	110	70.0-136			1.44	20
Toluene	0.125	0.124	0.126	99.2	101	75.0-121			1.60	20
1,1,2-Trichlorotrifluoroethane	0.125	0.114	0.106	91.2	84.8	61.0-139			7.27	20
1,2,3-Trichlorobenzene	0.125	0.0955	0.107	76.4	85.6	59.0-139			11.4	20
1,2,4-Trichlorobenzene	0.125	0.108	0.124	86.4	99.2	62.0-137			13.8	20
1,1,1-Trichloroethane	0.125	0.116	0.118	92.8	94.4	69.0-126			1.71	20
1,1,2-Trichloroethane	0.125	0.124	0.121	99.2	96.8	78.0-123			2.45	20
Trichloroethene	0.125	0.127	0.130	102	104	76.0-126			2.33	20
Trichlorofluoromethane	0.125	0.116	0.112	92.8	89.6	61.0-142			3.51	20
1,2,3-Trichloropropane	0.125	0.136	0.144	109	115	67.0-129			5.71	20
1,2,3-Trimethylbenzene	0.125	0.128	0.133	102	106	74.0-124			3.83	20
1,2,4-Trimethylbenzene	0.125	0.112	0.117	89.6	93.6	70.0-126			4.37	20
1,3,5-Trimethylbenzene	0.125	0.118	0.125	94.4	100	73.0-127			5.76	20
Vinyl chloride	0.125	0.127	0.120	102	96.0	63.0-134			5.67	20
Xylenes, Total	0.375	0.343	0.341	91.5	90.9	72.0-127			0.585	20
(S) Toluene-d8				*101*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*102*	*96.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*106*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R3518507-3 04/10/20 23:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
1,3-Butadiene	U		0.000299	0.00200
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
Cyclohexane	U		0.000188	0.00100
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100

Method Blank (MB)

(MB) R3518507-3 04/10/20 23:45

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dicyclopentadiene	U		0.000253	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
4-Ethyltoluene	U		0.000208	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100
n-Hexane	U		0.000749	0.0100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methyl Cyclohexane	U		0.000660	0.00100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
Propene	U		0.000936	0.00250
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*112*			*80.0-120*
(S) 4-Bromofluorobenzene	*78.8*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*114*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518507-1 04/10/20 20:59 • (LCSD) R3518507-2 04/10/20 21:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0279	0.0299	112	120	19.0-160			6.92	27
Acrolein	0.0250	0.0507	0.0505	203	202	10.0-160	L1	L1	0.395	26
Acrylonitrile	0.0250	0.0219	0.0238	87.6	95.2	55.0-149			8.32	20
Benzene	0.00500	0.00404	0.00423	80.8	84.6	70.0-123			4.59	20
Bromobenzene	0.00500	0.00546	0.00535	109	107	73.0-121			2.04	20
Bromodichloromethane	0.00500	0.00411	0.00409	82.2	81.8	75.0-120			0.488	20
Bromoform	0.00500	0.00418	0.00385	83.6	77.0	68.0-132			8.22	20
Bromomethane	0.00500	0.00226	0.00229	45.2	45.8	10.0-160			1.32	25
1,3-Butadiene	0.00500	0.00414	0.00383	82.8	76.6	45.0-147			7.78	20
n-Butylbenzene	0.00500	0.00447	0.00456	89.4	91.2	73.0-125			1.99	20
sec-Butylbenzene	0.00500	0.00463	0.00477	92.6	95.4	75.0-125			2.98	20
tert-Butylbenzene	0.00500	0.00441	0.00461	88.2	92.2	76.0-124			4.43	20
Carbon disulfide	0.00500	0.00457	0.00479	91.4	95.8	61.0-128			4.70	20
Carbon tetrachloride	0.00500	0.00414	0.00435	82.8	87.0	68.0-126			4.95	20
Chlorobenzene	0.00500	0.00481	0.00485	96.2	97.0	80.0-121			0.828	20
Chlorodibromomethane	0.00500	0.00448	0.00436	89.6	87.2	77.0-125			2.71	20
Chloroethane	0.00500	0.00493	0.00449	98.6	89.8	47.0-150			9.34	20
Chloroform	0.00500	0.00440	0.00437	88.0	87.4	73.0-120			0.684	20
Chloromethane	0.00500	0.00235	0.00268	47.0	53.6	41.0-142			13.1	20
Cyclohexane	0.00500	0.00383	0.00395	76.6	79.0	71.0-124			3.08	20
2-Chlorotoluene	0.00500	0.00528	0.00536	106	107	76.0-123			1.50	20
4-Chlorotoluene	0.00500	0.00496	0.00517	99.2	103	75.0-122			4.15	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00423	0.00418	84.6	83.6	58.0-134			1.19	20
1,2-Dibromoethane	0.00500	0.00497	0.00481	99.4	96.2	80.0-122			3.27	20
Dibromomethane	0.00500	0.00424	0.00410	84.8	82.0	80.0-120			3.36	20
1,2-Dichlorobenzene	0.00500	0.00515	0.00561	103	112	79.0-121			8.55	20
1,3-Dichlorobenzene	0.00500	0.00528	0.00536	106	107	79.0-120			1.50	20
1,4-Dichlorobenzene	0.00500	0.00492	0.00544	98.4	109	79.0-120			10.0	20
Dichlorodifluoromethane	0.00500	0.00547	0.00533	109	107	51.0-149			2.59	20
1,1-Dichloroethane	0.00500	0.00439	0.00445	87.8	89.0	70.0-126			1.36	20
1,2-Dichloroethane	0.00500	0.00426	0.00452	85.2	90.4	70.0-128			5.92	20
1,1-Dichloroethene	0.00500	0.00445	0.00440	89.0	88.0	71.0-124			1.13	20
cis-1,2-Dichloroethene	0.00500	0.00406	0.00411	81.2	82.2	73.0-120			1.22	20
trans-1,2-Dichloroethene	0.00500	0.00465	0.00464	93.0	92.8	73.0-120			0.215	20
1,2-Dichloropropane	0.00500	0.00486	0.00418	97.2	83.6	77.0-125			15.0	20
1,1-Dichloropropene	0.00500	0.00396	0.00401	79.2	80.2	74.0-126			1.25	20
1,3-Dichloropropane	0.00500	0.00466	0.00460	93.2	92.0	80.0-120			1.30	20
cis-1,3-Dichloropropene	0.00500	0.00395	0.00398	79.0	79.6	80.0-123	L2	L2	0.757	20
trans-1,3-Dichloropropene	0.00500	0.00459	0.00436	91.8	87.2	78.0-124			5.14	20
2,2-Dichloropropane	0.00500	0.00361	0.00364	72.2	72.8	58.0-130			0.828	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518507-1 04/10/20 20:59 • (LCSD) R3518507-2 04/10/20 21:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	0.00500	0.00500	0.00510	100	102	74.0-126			1.98	20
Di-isopropyl ether	0.00500	0.00397	0.00412	79.4	82.4	58.0-138			3.71	20
Ethylbenzene	0.00500	0.00466	0.00431	93.2	86.2	79.0-123			7.80	20
4-Ethyltoluene	0.00500	0.00482	0.00470	96.4	94.0	74.0-127			2.52	20
Hexachloro-1,3-butadiene	0.00500	0.00506	0.00434	101	86.8	54.0-138			15.3	20
n-Hexane	0.00500	0.00458	0.00475	91.6	95.0	57.0-133			3.64	20
Isopropylbenzene	0.00500	0.00390	0.00382	78.0	76.4	76.0-127			2.07	20
p-Isopropyltoluene	0.00500	0.00460	0.00467	92.0	93.4	76.0-125			1.51	20
2-Butanone (MEK)	0.0250	0.0258	0.0251	103	100	44.0-160			2.75	20
Methyl Cyclohexane	0.00500	0.00364	0.00364	72.8	72.8	68.0-126			0.000	20
Methylene Chloride	0.00500	0.00516	0.00510	103	102	67.0-120			1.17	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0253	0.0243	101	97.2	68.0-142			4.03	20
Methyl tert-butyl ether	0.00500	0.00423	0.00426	84.6	85.2	68.0-125			0.707	20
Naphthalene	0.00500	0.00358	0.00368	71.6	73.6	54.0-135			2.75	20
Propene	0.00500	0.00262	0.00297	52.4	59.4	10.0-160			12.5	20
n-Propylbenzene	0.00500	0.00472	0.00478	94.4	95.6	77.0-124			1.26	20
Styrene	0.00500	0.00373	0.00376	74.6	75.2	73.0-130			0.801	20
1,1,1,2-Tetrachloroethane	0.00500	0.00460	0.00414	92.0	82.8	75.0-125			10.5	20
1,1,2,2-Tetrachloroethane	0.00500	0.00579	0.00569	116	114	65.0-130			1.74	20
Tetrachloroethene	0.00500	0.00423	0.00409	84.6	81.8	72.0-132			3.37	20
Toluene	0.00500	0.00466	0.00465	93.2	93.0	79.0-120			0.215	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00467	0.00473	93.4	94.6	69.0-132			1.28	20
1,2,3-Trichlorobenzene	0.00500	0.00421	0.00471	84.2	94.2	50.0-138			11.2	20
1,2,4-Trichlorobenzene	0.00500	0.00413	0.00434	82.6	86.8	57.0-137			4.96	20
1,1,1-Trichloroethane	0.00500	0.00420	0.00433	84.0	86.6	73.0-124			3.05	20
1,1,2-Trichloroethane	0.00500	0.00485	0.00462	97.0	92.4	80.0-120			4.86	20
Trichloroethene	0.00500	0.00388	0.00420	77.6	84.0	78.0-124	L2		7.92	20
Trichlorofluoromethane	0.00500	0.00436	0.00467	87.2	93.4	59.0-147			6.87	20
1,2,3-Trichloropropane	0.00500	0.00539	0.00556	108	111	73.0-130			3.11	20
1,2,3-Trimethylbenzene	0.00500	0.00457	0.00485	91.4	97.0	77.0-120			5.94	20
1,2,4-Trimethylbenzene	0.00500	0.00497	0.00474	99.4	94.8	76.0-121			4.74	20
1,3,5-Trimethylbenzene	0.00500	0.00500	0.00505	100	101	76.0-122			0.995	20
Vinyl chloride	0.00500	0.00424	0.00444	84.8	88.8	67.0-131			4.61	20
Xylenes, Total	0.0150	0.0125	0.0127	83.3	84.7	79.0-123			1.59	20
(S) Toluene-d8				*107*	*101*	*80.0-120*				
(S) 4-Bromofluorobenzene				*85.6*	*79.7*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*106*	*111*	*70.0-130*				

Method Blank (MB)

(MB) R3518881-1 04/14/20 22:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*39.2*		*10.0-135*	
(S) Tetrachloro-m-xylene	*51.7*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3518881-2 04/14/20 22:53

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.0677	40.5	37.0-145	
PCB 1016	0.167	0.0762	45.6	36.0-141	
(S) Decachlorobiphenyl			*42.3*	*10.0-135*	
(S) Tetrachloro-m-xylene			*58.3*	*10.0-139*	

L1207573-07 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-07 04/15/20 00:29 • (MS) R3518881-3 04/15/20 00:43 • (MSD) R3518881-4 04/15/20 00:56

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.108	0.109	64.7	65.3	1	10.0-160			0.922	38
PCB 1016	0.167	ND	0.122	0.130	73.1	77.8	1	10.0-160			6.35	37
(S) Decachlorobiphenyl					*67.0*	*64.6*		*10.0-135*				
(S) Tetrachloro-m-xylene					*92.3*	*95.4*		*10.0-139*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3519420-1 04/16/20 18:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*86.9*		*10.0-135*	
(S) Tetrachloro-m-xylene	*82.9*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3519420-2 04/16/20 18:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.129	77.2	37.0-145	
PCB 1016	0.167	0.132	79.0	36.0-141	
(S) Decachlorobiphenyl			*83.5*	*10.0-135*	
(S) Tetrachloro-m-xylene			*79.1*	*10.0-139*	

L1207573-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-18 04/16/20 19:03 • (MS) R3519420-3 04/16/20 19:16 • (MSD) R3519420-4 04/16/20 19:28

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.119	0.129	71.3	77.2	1	10.0-160			8.06	38
PCB 1016	0.167	ND	0.125	0.139	74.9	83.2	1	10.0-160			10.6	37
(S) Decachlorobiphenyl					*76.3*	*78.5*		*10.0-135*				
(S) Tetrachloro-m-xylene					*73.1*	*77.2*		*10.0-139*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3519367-1 04/16/20 13:46

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*74.6*		*10.0-135*	
(S) Tetrachloro-m-xylene	*72.7*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3519367-2 04/16/20 13:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.155	92.8	37.0-145	
PCB 1016	0.167	0.147	88.0	36.0-141	
(S) Decachlorobiphenyl			*95.3*	*10.0-135*	
(S) Tetrachloro-m-xylene			*89.6*	*10.0-139*	

L1207573-33 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-33 04/16/20 14:11 • (MS) R3519367-3 04/16/20 14:42 • (MSD) R3519367-4 04/16/20 14:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.128	0.139	76.6	83.2	1	10.0-160			8.24	38
PCB 1016	0.167	ND	0.125	0.135	74.9	80.8	1	10.0-160			7.69	37
(S) Decachlorobiphenyl					*77.9*	*82.9*		*10.0-135*				
(S) Tetrachloro-m-xylene					*77.6*	*81.2*		*10.0-139*				

Method Blank (MB)

(MB) R3519023-1 04/15/20 13:21

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*86.7*		*10.0-128*	
(S) Tetrachloro-m-xylene	*87.2*		*10.0-127*	

Laboratory Control Sample (LCS)

(LCS) R3519023-2 04/15/20 13:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.00250	0.00235	94.0	42.0-131	
PCB 1016	0.00250	0.00230	92.0	36.0-135	
(S) Decachlorobiphenyl			*91.0*	*10.0-128*	
(S) Tetrachloro-m-xylene			*97.7*	*10.0-127*	

L1207276-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207276-01 04/15/20 13:48 • (MS) R3519023-3 04/15/20 14:02 • (MSD) R3519023-4 04/15/20 14:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.00250	ND	0.00216	0.00199	86.4	79.6	1	20.0-142			8.19	27
PCB 1016	0.00250	ND	0.00233	0.00238	93.2	95.2	1	11.0-160			2.12	38
(S) Decachlorobiphenyl					*82.7*	*78.5*		*10.0-128*				
(S) Tetrachloro-m-xylene					*93.1*	*93.5*		*10.0-127*				

Method Blank (MB)

(MB) R3518555-3 04/14/20 14:43

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	U		0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*73.0*			*31.0-160*
(S) 2-Fluorobiphenyl	*76.5*			*48.0-148*
(S) p-Terphenyl-d14	*84.0*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518555-1 04/14/20 14:02 • (LCSD) R3518555-2 04/14/20 14:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00156	0.00142	78.0	71.0	67.0-150			9.40	20
Acenaphthene	0.00200	0.00154	0.00155	77.0	77.5	65.0-138			0.647	20
Acenaphthylene	0.00200	0.00169	0.00144	84.5	72.0	66.0-140			16.0	20
Benzo(a)anthracene	0.00200	0.00157	0.00153	78.5	76.5	61.0-140			2.58	20
Benzo(a)pyrene	0.00200	0.00169	0.00145	84.5	72.5	60.0-143			15.3	20
Benzo(b)fluoranthene	0.00200	0.00152	0.00142	76.0	71.0	58.0-141			6.80	20
Benzo(g,h,i)perylene	0.00200	0.00148	0.00145	74.0	72.5	52.0-153			2.05	20
Benzo(k)fluoranthene	0.00200	0.00161	0.00167	80.5	83.5	58.0-148			3.66	20
Chrysene	0.00200	0.00157	0.00159	78.5	79.5	64.0-144			1.27	20
Dibenz(a,h)anthracene	0.00200	0.00145	0.00145	72.5	72.5	52.0-155			0.000	20
Fluoranthene	0.00200	0.00169	0.00166	84.5	83.0	69.0-153			1.79	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518555-1 04/14/20 14:02 • (LCSD) R3518555-2 04/14/20 14:22

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00154	0.00159	77.0	79.5	64.0-136			3.19	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00146	0.00143	73.0	71.5	54.0-153			2.08	20
Naphthalene	0.00200	0.00158	0.00154	79.0	77.0	61.0-137			2.56	20
Phenanthrene	0.00200	0.00161	0.00160	80.5	80.0	62.0-137			0.623	20
Pyrene	0.00200	0.00146	0.00147	73.0	73.5	60.0-142			0.683	20
1-Methylnaphthalene	0.00200	0.00139	0.00146	69.5	73.0	66.0-142			4.91	20
2-Methylnaphthalene	0.00200	0.00133	0.00140	66.5	70.0	62.0-136			5.13	20
2-Chloronaphthalene	0.00200	0.00153	0.00149	76.5	74.5	64.0-140			2.65	20
(S) Nitrobenzene-d5				*82.0*	*71.0*	*31.0-160*				
(S) 2-Fluorobiphenyl				*75.5*	*73.0*	*48.0-148*				
(S) p-Terphenyl-d14				*82.0*	*80.0*	*37.0-146*				

Method Blank (MB)

(MB) R3518792-2 04/15/20 08:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*61.8*			*14.0-149*
(S) 2-Fluorobiphenyl	*85.0*			*34.0-125*
(S) p-Terphenyl-d14	*74.8*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518792-1 04/15/20 07:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0667	83.4	50.0-126	
Acenaphthene	0.0800	0.0580	72.5	50.0-120	
Acenaphthylene	0.0800	0.0625	78.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0598	74.8	45.0-120	
Benzo(a)pyrene	0.0800	0.0479	59.9	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0503	62.9	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0508	63.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0521	65.1	49.0-125	
Chrysene	0.0800	0.0601	75.1	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0561	70.1	47.0-125	
Fluoranthene	0.0800	0.0699	87.4	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518792-1 04/15/20 07:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0656	82.0	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0538	67.3	46.0-125	
Naphthalene	0.0800	0.0529	66.1	50.0-120	
Phenanthrene	0.0800	0.0620	77.5	47.0-120	
Pyrene	0.0800	0.0493	61.6	43.0-123	
1-Methylnaphthalene	0.0800	0.0651	81.4	51.0-121	
2-Methylnaphthalene	0.0800	0.0620	77.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0692	86.5	50.0-120	
(S) Nitrobenzene-d5			*64.4*	*14.0-149*	
(S) 2-Fluorobiphenyl			*87.2*	*34.0-125*	
(S) p-Terphenyl-d14			*78.2*	*23.0-120*	

L1207524-20 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207524-20 04/15/20 08:37 • (MS) R3518792-3 04/15/20 09:00 • (MSD) R3518792-4 04/15/20 09:23

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0967	U	0.0545	0.0635	56.4	65.7	1	10.0-145			15.3	30
Acenaphthene	0.0967	U	0.0496	0.0558	51.3	57.7	1	14.0-127			11.7	27
Acenaphthylene	0.0967	U	0.0524	0.0590	54.2	61.0	1	21.0-124			11.7	25
Benzo(a)anthracene	0.0967	U	0.0487	0.0562	50.4	58.2	1	10.0-139			14.3	30
Benzo(a)pyrene	0.0967	U	0.0424	0.0491	43.9	50.8	1	10.0-141			14.6	31
Benzo(b)fluoranthene	0.0967	0.00211	0.0393	0.0449	38.5	44.2	1	10.0-140			13.2	36
Benzo(g,h,i)perylene	0.0967	U	0.0434	0.0488	44.9	50.5	1	10.0-140			11.8	33
Benzo(k)fluoranthene	0.0967	U	0.0432	0.0506	44.6	52.3	1	10.0-137			15.8	31
Chrysene	0.0967	U	0.0492	0.0571	50.9	59.1	1	10.0-145			14.8	30
Dibenz(a,h)anthracene	0.0967	U	0.0449	0.0523	46.4	54.1	1	10.0-132			15.2	31
Fluoranthene	0.0967	0.00427	0.0616	0.0681	59.2	66.0	1	10.0-153			10.1	33
Fluorene	0.0967	U	0.0545	0.0612	56.4	63.3	1	11.0-130			11.5	29
Indeno(1,2,3-cd)pyrene	0.0967	U	0.0442	0.0509	45.7	52.7	1	10.0-137			14.3	32
Naphthalene	0.0967	U	0.0467	0.0509	48.3	52.7	1	10.0-135			8.59	27
Phenanthrene	0.0967	U	0.0533	0.0587	55.1	60.7	1	10.0-144			9.69	31
Pyrene	0.0967	0.00254	0.0416	0.0467	40.4	45.7	1	10.0-148			11.7	35
1-Methylnaphthalene	0.0967	U	0.0562	0.0623	58.2	64.4	1	10.0-142			10.2	28
2-Methylnaphthalene	0.0967	U	0.0535	0.0592	55.4	61.2	1	10.0-137			10.1	28
2-Chloronaphthalene	0.0967	U	0.0597	0.0665	61.7	68.8	1	29.0-120			10.8	24
(S) Nitrobenzene-d5					*44.9*	*51.9*		*14.0-149*				
(S) 2-Fluorobiphenyl					*61.2*	*71.6*		*34.0-125*				
(S) p-Terphenyl-d14					*51.5*	*64.1*		*23.0-120*				

Method Blank (MB)

(MB) R3518642-2 04/14/20 23:50

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*103*			*14.0-149*
(S) 2-Fluorobiphenyl	*91.0*			*34.0-125*
(S) p-Terphenyl-d14	*89.6*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518642-1 04/14/20 23:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0686	85.8	50.0-126	
Acenaphthene	0.0800	0.0688	86.0	50.0-120	
Acenaphthylene	0.0800	0.0781	97.6	50.0-120	
Benzo(a)anthracene	0.0800	0.0716	89.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0634	79.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0628	78.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0662	82.8	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0666	83.3	49.0-125	
Chrysene	0.0800	0.0668	83.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0706	88.3	47.0-125	
Fluoranthene	0.0800	0.0654	81.8	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518642-1 04/14/20 23:30

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0691	86.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0694	86.8	46.0-125	
Naphthalene	0.0800	0.0633	79.1	50.0-120	
Phenanthrene	0.0800	0.0655	81.9	47.0-120	
Pyrene	0.0800	0.0644	80.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0661	82.6	51.0-121	
2-Methylnaphthalene	0.0800	0.0610	76.3	50.0-120	
2-Chloronaphthalene	0.0800	0.0697	87.1	50.0-120	
(S) Nitrobenzene-d5			*95.7*	*14.0-149*	
(S) 2-Fluorobiphenyl			*90.4*	*34.0-125*	
(S) p-Terphenyl-d14			*89.0*	*23.0-120*	

L1207573-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-16 04/15/20 05:00 • (MS) R3518642-3 04/15/20 05:21 • (MSD) R3518642-4 04/15/20 05:42

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0541	0.0557	67.6	69.6	1	10.0-145			2.91	30
Acenaphthene	0.0800	ND	0.0543	0.0585	67.9	73.1	1	14.0-127			7.45	27
Acenaphthylene	0.0800	ND	0.0621	0.0668	77.6	83.5	1	21.0-124			7.29	25
Benzo(a)anthracene	0.0800	ND	0.0544	0.0585	68.0	73.1	1	10.0-139			7.26	30
Benzo(a)pyrene	0.0800	ND	0.0512	0.0552	64.0	69.0	1	10.0-141			7.52	31
Benzo(b)fluoranthene	0.0800	ND	0.0479	0.0519	59.9	64.9	1	10.0-140			8.02	36
Benzo(g,h,i)perylene	0.0800	ND	0.0506	0.0541	63.3	67.6	1	10.0-140			6.69	33
Benzo(k)fluoranthene	0.0800	ND	0.0501	0.0534	62.6	66.8	1	10.0-137			6.38	31
Chrysene	0.0800	ND	0.0514	0.0551	64.3	68.9	1	10.0-145			6.95	30
Dibenz(a,h)anthracene	0.0800	ND	0.0537	0.0577	67.1	72.1	1	10.0-132			7.18	31
Fluoranthene	0.0800	ND	0.0514	0.0551	64.3	68.9	1	10.0-153			6.95	33
Fluorene	0.0800	ND	0.0544	0.0585	68.0	73.1	1	11.0-130			7.26	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0530	0.0570	66.3	71.3	1	10.0-137			7.27	32
Naphthalene	0.0800	ND	0.0529	0.0572	66.1	71.5	1	10.0-135			7.81	27
Phenanthrene	0.0800	ND	0.0508	0.0547	63.5	68.4	1	10.0-144			7.39	31
Pyrene	0.0800	ND	0.0489	0.0530	61.1	66.3	1	10.0-148			8.05	35
1-Methylnaphthalene	0.0800	ND	0.0540	0.0588	67.5	73.5	1	10.0-142			8.51	28
2-Methylnaphthalene	0.0800	ND	0.0513	0.0558	64.1	69.8	1	10.0-137			8.40	28
2-Chloronaphthalene	0.0800	ND	0.0556	0.0599	69.5	74.9	1	29.0-120			7.45	24
(S) Nitrobenzene-d5					*81.9*	*81.7*		*14.0-149*				
(S) 2-Fluorobiphenyl					*72.7*	*74.6*		*34.0-125*				
(S) p-Terphenyl-d14					*68.3*	*72.7*		*23.0-120*				

Method Blank (MB)

(MB) R3518796-2 04/15/20 08:19

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*80.9*			*14.0-149*
(S) 2-Fluorobiphenyl	*61.2*			*34.0-125*
(S) p-Terphenyl-d14	*71.0*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3518796-1 04/15/20 07:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0482	60.3	50.0-126	
Acenaphthene	0.0800	0.0480	60.0	50.0-120	
Acenaphthylene	0.0800	0.0505	63.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0474	59.3	45.0-120	
Benzo(a)pyrene	0.0800	0.0427	53.4	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0465	58.1	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0479	59.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0490	61.3	49.0-125	
Chrysene	0.0800	0.0489	61.1	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0476	59.5	47.0-125	
Fluoranthene	0.0800	0.0547	68.4	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3518796-1 04/15/20 07:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0484	60.5	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0491	61.4	46.0-125	
Naphthalene	0.0800	0.0461	57.6	50.0-120	
Phenanthrene	0.0800	0.0449	56.1	47.0-120	
Pyrene	0.0800	0.0474	59.3	43.0-123	
1-Methylnaphthalene	0.0800	0.0489	61.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0466	58.3	50.0-120	
2-Chloronaphthalene	0.0800	0.0453	56.6	50.0-120	
(S) Nitrobenzene-d5			*93.5*	*14.0-149*	
(S) 2-Fluorobiphenyl			*65.6*	*34.0-125*	
(S) p-Terphenyl-d14			*72.2*	*23.0-120*	

L1207573-32 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207573-32 04/15/20 17:32 • (MS) R3519002-1 04/15/20 17:55 • (MSD) R3519002-2 04/15/20 18:18

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0494	0.0492	61.8	61.5	1	10.0-145			0.406	30
Acenaphthene	0.0800	ND	0.0439	0.0431	54.9	53.9	1	14.0-127			1.84	27
Acenaphthylene	0.0800	ND	0.0463	0.0456	57.9	57.0	1	21.0-124			1.52	25
Benzo(a)anthracene	0.0800	ND	0.0476	0.0454	59.5	56.8	1	10.0-139			4.73	30
Benzo(a)pyrene	0.0800	ND	0.0419	0.0394	52.4	49.3	1	10.0-141			6.15	31
Benzo(b)fluoranthene	0.0800	ND	0.0422	0.0370	52.8	46.3	1	10.0-140			13.1	36
Benzo(g,h,i)perylene	0.0800	ND	0.0347	0.0317	43.4	39.6	1	10.0-140			9.04	33
Benzo(k)fluoranthene	0.0800	ND	0.0410	0.0406	51.3	50.8	1	10.0-137			0.980	31
Chrysene	0.0800	ND	0.0473	0.0453	59.1	56.6	1	10.0-145			4.32	30
Dibenz(a,h)anthracene	0.0800	ND	0.0423	0.0393	52.9	49.1	1	10.0-132			7.35	31
Fluoranthene	0.0800	ND	0.0537	0.0516	67.1	64.5	1	10.0-153			3.99	33
Fluorene	0.0800	ND	0.0500	0.0482	62.5	60.3	1	11.0-130			3.67	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0402	0.0370	50.3	46.3	1	10.0-137			8.29	32
Naphthalene	0.0800	ND	0.0372	0.0385	46.5	48.1	1	10.0-135			3.43	27
Phenanthrene	0.0800	ND	0.0477	0.0459	59.6	57.4	1	10.0-144			3.85	31
Pyrene	0.0800	ND	0.0417	0.0398	52.1	49.8	1	10.0-148			4.66	35
1-Methylnaphthalene	0.0800	ND	0.0456	0.0455	57.0	56.9	1	10.0-142			0.220	28
2-Methylnaphthalene	0.0800	ND	0.0434	0.0438	54.3	54.8	1	10.0-137			0.917	28
2-Chloronaphthalene	0.0800	ND	0.0506	0.0508	63.3	63.5	1	29.0-120			0.394	24
(S) Nitrobenzene-d5					*45.6*	*46.3*		*14.0-149*				
(S) 2-Fluorobiphenyl					*62.6*	*63.5*		*34.0-125*				
(S) p-Terphenyl-d14					*61.0*	*60.4*		*23.0-120*				

Method Blank (MB)

(MB) R3519053-2 04/15/20 22:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*112*			*14.0-149*
(S) 2-Fluorobiphenyl	*75.9*			*34.0-125*
(S) p-Terphenyl-d14	*80.9*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519053-1 04/15/20 22:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0547	68.4	50.0-126	
Acenaphthene	0.0800	0.0566	70.8	50.0-120	
Acenaphthylene	0.0800	0.0584	73.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0539	67.4	45.0-120	
Benzo(a)pyrene	0.0800	0.0494	61.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0497	62.1	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0550	68.8	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0589	73.6	49.0-125	
Chrysene	0.0800	0.0550	68.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0549	68.6	47.0-125	
Fluoranthene	0.0800	0.0633	79.1	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519053-1 04/15/20 22:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0536	67.0	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0568	71.0	46.0-125	
Naphthalene	0.0800	0.0542	67.8	50.0-120	
Phenanthrene	0.0800	0.0498	62.3	47.0-120	
Pyrene	0.0800	0.0531	66.4	43.0-123	
1-Methylnaphthalene	0.0800	0.0565	70.6	51.0-121	
2-Methylnaphthalene	0.0800	0.0544	68.0	50.0-120	
2-Chloronaphthalene	0.0800	0.0528	66.0	50.0-120	
(S) Nitrobenzene-d5			*103*	*14.0-149*	
(S) 2-Fluorobiphenyl			*70.0*	*34.0-125*	
(S) p-Terphenyl-d14			*76.3*	*23.0-120*	

L1207664-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207664-06 04/16/20 02:16 • (MS) R3519053-3 04/16/20 02:38 • (MSD) R3519053-4 04/16/20 03:00

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0907	ND	0.0675	0.0653	74.4	72.0	1	10.0-145			3.25	30
Acenaphthene	0.0907	ND	0.0689	0.0659	76.0	72.6	1	14.0-127			4.54	27
Acenaphthylene	0.0907	ND	0.0716	0.0681	79.0	75.1	1	21.0-124			5.03	25
Benzo(a)anthracene	0.0907	ND	0.0646	0.0625	71.3	68.9	1	10.0-139			3.39	30
Benzo(a)pyrene	0.0907	ND	0.0653	0.0655	72.0	72.3	1	10.0-141			0.347	31
Benzo(b)fluoranthene	0.0907	ND	0.0610	0.0620	67.3	68.4	1	10.0-140			1.66	36
Benzo(g,h,i)perylene	0.0907	ND	0.0651	0.0635	71.8	70.0	1	10.0-140			2.47	33
Benzo(k)fluoranthene	0.0907	ND	0.0687	0.0643	75.8	70.9	1	10.0-137			6.65	31
Chrysene	0.0907	ND	0.0650	0.0643	71.6	70.9	1	10.0-145			1.05	30
Dibenz(a,h)anthracene	0.0907	ND	0.0660	0.0637	72.8	70.3	1	10.0-132			3.50	31
Fluoranthene	0.0907	ND	0.0779	0.0761	85.9	83.9	1	10.0-153			2.36	33
Fluorene	0.0907	ND	0.0641	0.0616	70.6	67.9	1	11.0-130			3.97	29
Indeno(1,2,3-cd)pyrene	0.0907	ND	0.0665	0.0658	73.4	72.5	1	10.0-137			1.20	32
Naphthalene	0.0907	ND	0.0655	0.0639	72.3	70.5	1	10.0-135			2.45	27
Phenanthrene	0.0907	ND	0.0605	0.0585	66.8	64.5	1	10.0-144			3.43	31
Pyrene	0.0907	ND	0.0638	0.0625	70.4	68.9	1	10.0-148			2.15	35
1-Methylnaphthalene	0.0907	ND	0.0688	0.0665	75.9	73.4	1	10.0-142			3.35	28
2-Methylnaphthalene	0.0907	ND	0.0661	0.0641	72.9	70.6	1	10.0-137			3.14	28
2-Chloronaphthalene	0.0907	ND	0.0645	0.0614	71.1	67.8	1	29.0-120			4.86	24
(S) Nitrobenzene-d5					*115*	*109*		*14.0-149*				
(S) 2-Fluorobiphenyl					*78.3*	*73.9*		*34.0-125*				
(S) p-Terphenyl-d14					*85.5*	*81.1*		*23.0-120*				

Method Blank (MB)

(MB) R3519362-2 04/16/20 09:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*103*			*14.0-149*
(S) 2-Fluorobiphenyl	*88.0*			*34.0-125*
(S) p-Terphenyl-d14	*97.1*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519362-1 04/16/20 09:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0540	67.5	50.0-126	
Acenaphthene	0.0800	0.0556	69.5	50.0-120	
Acenaphthylene	0.0800	0.0576	72.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0580	72.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0529	66.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0547	68.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0556	69.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0546	68.3	49.0-125	
Chrysene	0.0800	0.0554	69.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0572	71.5	47.0-125	
Fluoranthene	0.0800	0.0590	73.8	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519362-1 04/16/20 09:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0598	74.8	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0565	70.6	46.0-125	
Naphthalene	0.0800	0.0493	61.6	50.0-120	
Phenanthrene	0.0800	0.0520	65.0	47.0-120	
Pyrene	0.0800	0.0530	66.3	43.0-123	
1-Methylnaphthalene	0.0800	0.0526	65.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0502	62.8	50.0-120	
2-Chloronaphthalene	0.0800	0.0520	65.0	50.0-120	
(S) Nitrobenzene-d5			*99.4*	*14.0-149*	
(S) 2-Fluorobiphenyl			*84.3*	*34.0-125*	
(S) p-Terphenyl-d14			*91.4*	*23.0-120*	

L1208019-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208019-09 04/16/20 15:43 • (MS) R3519362-3 04/16/20 16:05 • (MSD) R3519362-4 04/16/20 16:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0626	0.0580	78.3	72.5	1	10.0-145			7.63	30
Acenaphthene	0.0800	0.0106	0.0684	0.0664	72.3	69.8	1	14.0-127			2.97	27
Acenaphthylene	0.0800	ND	0.0673	0.0603	84.1	75.4	1	21.0-124			11.0	25
Benzo(a)anthracene	0.0800	ND	0.0647	0.0551	80.9	68.9	1	10.0-139			16.0	30
Benzo(a)pyrene	0.0800	ND	0.0617	0.0528	77.1	66.0	1	10.0-141			15.5	31
Benzo(b)fluoranthene	0.0800	ND	0.0603	0.0512	75.4	64.0	1	10.0-140			16.3	36
Benzo(g,h,i)perylene	0.0800	ND	0.0615	0.0524	76.9	65.5	1	10.0-140			16.0	33
Benzo(k)fluoranthene	0.0800	ND	0.0624	0.0532	78.0	66.5	1	10.0-137			15.9	31
Chrysene	0.0800	ND	0.0636	0.0541	79.5	67.6	1	10.0-145			16.1	30
Dibenz(a,h)anthracene	0.0800	ND	0.0637	0.0540	79.6	67.5	1	10.0-132			16.5	31
Fluoranthene	0.0800	ND	0.0670	0.0580	83.8	72.5	1	10.0-153			14.4	33
Fluorene	0.0800	0.0127	0.0755	0.0739	78.5	76.5	1	11.0-130			2.14	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0628	0.0534	78.5	66.8	1	10.0-137			16.2	32
Naphthalene	0.0800	ND	0.0680	0.0677	85.0	84.6	1	10.0-135			0.442	27
Phenanthrene	0.0800	0.0311	0.0745	0.0856	54.3	68.1	1	10.0-144			13.9	31
Pyrene	0.0800	ND	0.0613	0.0545	76.6	68.1	1	10.0-148			11.7	35
1-Methylnaphthalene	0.0800	0.0978	0.107	0.152	11.5	67.7	1	10.0-142		R5	34.7	28
2-Methylnaphthalene	0.0800	0.0481	0.0803	0.0962	40.3	60.1	1	10.0-137			18.0	28
2-Chloronaphthalene	0.0800	ND	0.0601	0.0530	75.1	66.3	1	29.0-120			12.6	24
(S) Nitrobenzene-d5					*112*	*91.5*		*14.0-149*				
(S) 2-Fluorobiphenyl					*86.2*	*77.5*		*34.0-125*				
(S) p-Terphenyl-d14					*88.7*	*79.0*		*23.0-120*				

Method Blank (MB)

(MB) R3519418-2 04/16/20 21:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*113*			*14.0-149*
(S) 2-Fluorobiphenyl	*99.6*			*34.0-125*
(S) p-Terphenyl-d14	*98.3*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519418-1 04/16/20 21:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0748	93.5	50.0-126	
Acenaphthene	0.0800	0.0769	96.1	50.0-120	
Acenaphthylene	0.0800	0.0874	109	50.0-120	
Benzo(a)anthracene	0.0800	0.0785	98.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0639	79.9	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0662	82.8	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0724	90.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0770	96.3	49.0-125	
Chrysene	0.0800	0.0746	93.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0787	98.4	47.0-125	
Fluoranthene	0.0800	0.0724	90.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519418-1 04/16/20 21:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0769	96.1	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0771	96.4	46.0-125	
Naphthalene	0.0800	0.0705	88.1	50.0-120	
Phenanthrene	0.0800	0.0726	90.8	47.0-120	
Pyrene	0.0800	0.0711	88.9	43.0-123	
1-Methylnaphthalene	0.0800	0.0742	92.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0685	85.6	50.0-120	
2-Chloronaphthalene	0.0800	0.0782	97.8	50.0-120	
(S) Nitrobenzene-d5			*114*	*14.0-149*	
(S) 2-Fluorobiphenyl			*100*	*34.0-125*	
(S) p-Terphenyl-d14			*98.6*	*23.0-120*	

L1208104-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208104-04 04/17/20 01:22 • (MS) R3519418-3 04/17/20 01:43 • (MSD) R3519418-4 04/17/20 02:04

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0784	U	0.0666	0.0696	84.9	87.0	1	10.0-145			4.41	30
Acenaphthene	0.0784	U	0.0688	0.0724	87.8	90.5	1	14.0-127			5.10	27
Acenaphthylene	0.0784	U	0.0697	0.0738	88.9	92.3	1	21.0-124			5.71	25
Benzo(a)anthracene	0.0784	0.00251	0.0680	0.0713	83.5	86.0	1	10.0-139			4.74	30
Benzo(a)pyrene	0.0784	U	0.0647	0.0674	82.5	84.3	1	10.0-141			4.09	31
Benzo(b)fluoranthene	0.0784	0.00243	0.0620	0.0604	76.0	72.5	1	10.0-140			2.61	36
Benzo(g,h,i)perylene	0.0784	U	0.0628	0.0658	80.1	82.3	1	10.0-140			4.67	33
Benzo(k)fluoranthene	0.0784	U	0.0608	0.0680	77.6	85.0	1	10.0-137			11.2	31
Chrysene	0.0784	0.00244	0.0638	0.0662	78.3	79.7	1	10.0-145			3.69	30
Dibenz(a,h)anthracene	0.0784	U	0.0659	0.0687	84.1	85.9	1	10.0-132			4.16	31
Fluoranthene	0.0784	0.00553	0.0679	0.0702	79.6	80.8	1	10.0-153			3.33	33
Fluorene	0.0784	U	0.0640	0.0678	81.6	84.8	1	11.0-130			5.77	29
Indeno(1,2,3-cd)pyrene	0.0784	U	0.0661	0.0688	84.3	86.0	1	10.0-137			4.00	32
Naphthalene	0.0784	0.0694	0.133	0.132	81.1	78.3	1	10.0-135			0.755	27
Phenanthrene	0.0784	U	0.0622	0.0653	79.3	81.6	1	10.0-144			4.86	31
Pyrene	0.0784	0.00700	0.0697	0.0737	80.0	83.4	1	10.0-148			5.58	35
1-Methylnaphthalene	0.0784	U	0.0565	0.0611	72.1	76.4	1	10.0-142			7.82	28
2-Methylnaphthalene	0.0784	U	0.0530	0.0575	67.6	71.9	1	10.0-137			8.14	28
2-Chloronaphthalene	0.0784	U	0.0629	0.0665	80.2	83.1	1	29.0-120			5.56	24
(S) Nitrobenzene-d5					*0.000*	*0.000*		*14.0-149*	S6	S6		
(S) 2-Fluorobiphenyl					*86.5*	*89.0*		*34.0-125*				
(S) p-Terphenyl-d14					*90.2*	*95.4*		*23.0-120*				

L1208104-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208104-04 04/17/20 01:22 • (MS) R3519418-3 04/17/20 01:43 • (MSD) R3519418-4 04/17/20 02:04

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %

Sample Narrative:

OS: Surrogate failure due to matrix interference

INTERNAL STANDARD SUMMARY

Instrument: VOCMS30 • File ID: 0410_59

04/10/20 20:59

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0410_59	147000	58581	52052
Upper Limit		294000	117162	104104
Lower Limit		73500	29291	26026
LCS R3518507-1 WG1459079 1x	0410_59LCS	147000	58581	52052
LCSD R3518507-2 WG1459079 1x	0410_60	144307	59619	50782
BLANK R3518507-3 WG1459079 1x	0410_65	142525	52359	45242
L1207573-44 WG1459079 1x	0410_68	129865	49916	39023

Instrument: VOCMS39 • File ID: 0410_34

04/10/20 19:16

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0410_34	442405.90	190800.20	151285.90
Upper Limit		884812	381600	302572
Lower Limit		221203	95400	75643
LCS R3518929-1 WG1459039 1x	0410_34LCS	442405.90	190800.20	151285.90
BLANK R3518929-2 WG1459039 1x	0410_37	425722.80	173914.60	126341
LCSD R3518929-3 WG1459039 1x	0410_38	432046	190831.90	145012.60
L1207573-01 WG1459039 1.2x	0410_43	449442.30	190097.10	148319.30
L1207573-02 WG1459039 1x	0410_44	449674.40	184560.80	126827.40
L1207573-03 WG1459039 1x	0410_45	432188.40	195277.50	153620.20
L1207573-04 WG1459039 1x	0410_46	452283.60	186813.30	135391.20
L1207573-05 WG1459039 1.12x	0410_47	440856.50	184172.80	133237
L1207573-06 WG1459039 1x	0410_48	439718.80	183447.90	125512.70
L1207573-07 WG1459039 1x	0410_49	438773.20	181955.10	128137.80
L1207573-08 WG1459039 1x	0410_50	430832.40	176931.90	121339.90
L1207573-09 WG1459039 1x	0410_51	435320	183169.90	124193
L1207573-10 WG1459039 1x	0410_52	442838.40	189413.20	129368.70
L1207573-11 WG1459039 1x	0410_53	433849.30	180730.40	120135.70
L1207573-12 WG1459039 1.05x	0410_54	443684.90	186761.40	132661.60
L1207573-13 WG1459039 1x	0410_55	439888.40	184960.50	133514.50
L1207573-14 WG1459039 1.12x	0410_56	445039.80	183286.30	137070.10
L1207573-15 WG1459039 1x	0410_57	455963.30	184126.20	132745.50
L1207573-16 WG1459039 1x	0410_58	443714.70	185523.50	127279.70
L1207573-17 WG1459039 1.02x	0410_59	438744.60	180008.10	124582.10
L1207573-18 WG1459039 1.03x	0410_60	431808.60	180200.20	121114.50
L1207573-19 WG1459039 1.01x	0410_61	452881.30	192436	148391.80
L1207573-20 WG1459039 1.01x	0410_62	435042.10	178961.20	125180.20

Instrument: VOCMS39 • File ID: 0413_27

04/13/20 14:38

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0413_27	371221.70	169802.10	126283.70
Upper Limit		742443	339604	252567
Lower Limit		185611	84901	63142
LCS R3518352-1 WG1459102 1x	0413_28	382357.30	173517.40	135850.10

Instrument: VOCMS39 • File ID: 0413_27

04/13/20 14:38

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
BLANK R3518352-2 WG1459102 1x	0413_31	373585.10	157125.20	115813.10
L1207573-21 WG1459102 1x	0413_34	369578.70	155769.60	108009.90
L1207573-22 WG1459102 1x	0413_35	371908.50	162851.30	106389.30
L1207573-23 WG1459102 1x	0413_36	386354.40	164554.20	131143.40
L1207573-24 WG1459102 1x	0413_37	380571.70	161306.90	112796.50
L1207573-25 WG1459102 1x	0413_38	373869.80	160104.30	114398.50
L1207573-26 WG1459102 1x	0413_39	368791.20	160783	107334.70
L1207573-27 WG1459102 1x	0413_40	379734.50	159816.20	111238
L1207573-28 WG1459102 1x	0413_41	396834.90	167928.20	116912.70
L1207573-29 WG1459102 1x	0413_42	395229.50	166965	117812.10
L1207573-30 WG1459102 1x	0413_43	397004.80	163895.90	115752.50
L1207573-31 WG1459102 1x	0413_44	386945.50	164982.70	116099
L1207573-32 WG1459102 1x	0413_45	404874.30	168898.60	135131.70
L1207573-33 WG1459102 1x	0413_46	394533.60	170226.30	133239.90
L1207573-34 WG1459102 1x	0413_47	396506.50	166161	111511.60
L1207573-35 WG1459102 1x	0413_48	410345.30	169096.80	114572.50

Instrument: VOCMS40 • File ID: 0414_02

04/14/20 11:39

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0414_02	1038622	410042.20	336779.10
Upper Limit		2077244	820084	673558
Lower Limit		519311	205021	168390
LCS R3518608-1 WG1460200 1x	0414_02LCSA	1038622	410042.20	336779.10
LCSD R3518608-2 WG1460200 1x	0414_03A	1068967	422999.90	323789.90
BLANK R3518608-3 WG1460200 1x	0414_06A	1119794	433310.30	366021.90
L1207573-36 WG1460200 2x	0414_25	1217101	467787.50	338870.20
L1207573-37 WG1460200 2.12x	0414_26	1191023	452075.20	338588.50
L1207573-38 WG1460200 2x	0414_27	1140860	442221.80	326326.20

INTERNAL STANDARD SUMMARY

Instrument: VOCMS42 • File ID: 0411_02

04/11/20 04:56

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0411_02	541996.90	208886.50	145494.30
Upper Limit		1083994	417773	290989
Lower Limit		270998	104443	72747
LCS R3518252-1 WG1459175 1x	0411_03	539372.30	204272.10	132316
LCSD R3518252-2 WG1459175 1x	0411_04	522924.20	201979.30	130068.30
BLANK R3518252-3 WG1459175 1x	0411_07	530579.70	205698.10	155097.20
L1207573-39 WG1459175 1x	0411_20	547045.30	209564.40	130684.80
L1207573-40 WG1459175 1x	0411_21	557870.30	213037.60	155244.80
L1207573-41 WG1459175 1x	0411_22	555623.40	215786.10	150804
L1207573-42 WG1459175 1x	0411_23	562393.80	219315.70	163292.30
L1207573-43 WG1459175 1x	0411_24	569595.20	216485.20	142787.90

Instrument: SVGC14 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	27178986
Upper Limit		40768480
Lower Limit		13589500
BLANK R3518881-1 WG1460438 1x	0414_35	29573660
LCS R3518881-2 WG1460438 1x	0414_36	32156150
L1207573-01 WG1460438 1x	0414_37	32002850
L1207573-02 WG1460438 1x	0414_38	28615710
L1207573-03 WG1460438 1x	0414_39	28414400
L1207573-04 WG1460438 1x	0414_40	29259780
L1207573-05 WG1460438 1x	0414_41	29403840
L1207573-06 WG1460438 1x	0414_42	30011840
L1207573-07 WG1460438 1x	0414_43	31776320
MS R3518881-3 WG1460438 1x	0414_44	29544420
MSD R3518881-4 WG1460438 1x	0414_45	31344420
L1207573-08 WG1460438 1x	0414_46	29983160
L1207573-09 WG1460438 1x	0414_47	29101760
L1207573-10 WG1460438 1x	0414_48	31486540
L1207573-11 WG1460438 1x	0414_49	32417470
L1207573-12 WG1460438 1x	0414_50	28871740

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3519367-1 WG1460443 1x	0416A_13	905821200
LCS R3519367-2 WG1460443 1x	0416A_14	901325400
L1207573-33 WG1460443 1x	0416A_15	888904300
MS R3519367-3 WG1460443 1x	0416A_16	911683300
MSD R3519367-4 WG1460443 1x	0416A_17	868816500
L1207573-34 WG1460443 1x	0416A_18	835447500
L1207573-35 WG1460443 1x	0416A_19	856770600
L1207573-36 WG1460443 1x	0416A_20	882143600

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
L1207573-37 WG1460443 1x	0416A_21	888167800
L1207573-38 WG1460443 1x	0416A_22	891111000
L1207573-39 WG1460443 1x	0416A_23	914593100
L1207573-40 WG1460443 1x	0416A_24	933003100
L1207573-41 WG1460443 1x	0416A_25	868997600
L1207573-42 WG1460443 1x	0416A_26	840645100
L1207573-43 WG1460443 1x	0416A_27	873385500
BLANK R3519420-1 WG1460442 1x	0416A_35	880667500
LCS R3519420-2 WG1460442 1x	0416A_36	891175800
L1207573-18 WG1460442 1x	0416A_37	860557000
MS R3519420-3 WG1460442 1x	0416A_38	895708700
MSD R3519420-4 WG1460442 1x	0416A_39	898021400
L1207573-13 WG1460442 1x	0416A_40	882656700
L1207573-14 WG1460442 1x	0416A_41	854065600
L1207573-15 WG1460442 1x	0416A_42	905919000
L1207573-16 WG1460442 1x	0416A_58	924225500
L1207573-17 WG1460442 1x	0416A_59	898953300
L1207573-19 WG1460442 1x	0416A_60	914357000
L1207573-20 WG1460442 1x	0416A_61	919994800
L1207573-21 WG1460442 1x	0416A_62	913709700
L1207573-22 WG1460442 1x	0416A_63	891905500
L1207573-23 WG1460442 1x	0416A_64	922597100
L1207573-24 WG1460442 1x	0416A_65	910437700
L1207573-25 WG1460442 1x	0416A_66	934437400
L1207573-26 WG1460442 1x	0416A_67	964268100
L1207573-27 WG1460442 1x	0416A_68	929783000
L1207573-28 WG1460442 1x	0416A_69	968590900
L1207573-29 WG1460442 1x	0416A_70	942543400
L1207573-30 WG1460442 1x	0416A_71	921111200
L1207573-31 WG1460442 1x	0416A_72	933718900
L1207573-32 WG1460442 1x	0416A_73	952028400

Instrument: SVGC14 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	27178986
Upper Limit		40768480
Lower Limit		13589500
BLANK R3519023-1 WG1460647 1x	0415A_05	32641680
LCS R3519023-2 WG1460647 1x	0415A_06	33251360
MS R3519023-3 WG1460647 1x	0415A_08	32963480
MSD R3519023-4 WG1460647 1x	0415A_09	33262900
L1207573-44 WG1460647 1.02x	0415A_11	32433610

INTERNAL STANDARD SUMMARY

Instrument: BNAMS14 • File ID: 0415a_03

04/15/20 14:05

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0415a_03	152354	82942	140410	145616	153244
Upper Limit		304708	165884	280820	291232	306488
Lower Limit		76177	41471	70205	72808	76622
L1207573-29 WG1460635 1x	0415a_06	179107	99613	163213	174885	188206
L1207573-30 WG1460635 1x	0415a_08	171828	95665	155077	166229	179822
L1207573-31 WG1460635 1x	0415a_12	175832	97143	158469	171313	185269
L1207573-28 WG1460635 1x	0415a_13	165488	91362	146535	160373	170618
L1207573-34 WG1460635 1x	0415a_15	173633	96558	155508	169882	181693

Instrument: BNAMS17 • File ID: 0414A_03

04/14/20 22:48

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0414A_03	126207	67011	111814	109727	107668
Upper Limit		252414	134022	223628	219454	215336
Lower Limit		63104	33506	55907	54864	53834
LCS R3518642-1 WG1460634 1x	0414A_04	125678	68117	113004	110456	110032
BLANK R3518642-2 WG1460634 1x	0414A_05	128096	70590	113416	113889	114768
L1207573-11 WG1460634 1x	0414A_17	125670	70000	112858	116292	117846
L1207573-12 WG1460634 1x	0414A_18	132006	73647	117661	121133	122057
L1207573-13 WG1460634 1x	0414A_19	128806	71980	114568	118284	119125
L1207573-16 WG1460634 1x	0414A_20	127844	72371	115383	118072	118712
MS R3518642-3 WG1460634 1x	0414A_21	128793	71103	115429	116617	116212
MSD R3518642-4 WG1460634 1x	0414A_22	123287	68058	110585	111807	111477
L1207573-14 WG1460634 1x	0414A_23	125989	69772	109817	113120	113259
L1207573-15 WG1460634 1x	0414A_24	126047	69291	114957	115262	116016
L1207573-18 WG1460634 1x	0414A_25	123904	67866	104134	102503	105697
L1207573-17 WG1460634 10x	0414A_26	125173	70283	114077	121437	120627

INTERNAL STANDARD SUMMARY

Instrument: BNAMS17 • File ID: 0416A_03

04/16/20 21:05

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0416A_03	112218	59384	98646	96563	95774
Upper Limit		224436	118768	197292	193126	191548
Lower Limit		56109	29692	49323	48282	47887
LCS R3519418-1 WG1461394 1x	0416A_04	108527	59056	98364	96344	96411
BLANK R3519418-2 WG1461394 1x	0416A_05	112252	61568	98577	98825	99498
L1207573-25 WG1461394 1x	0416A_06	114740	63389	101052	101344	101688
L1207573-33 WG1461394 1x	0416A_07	111203	59832	96770	99809	99326
L1207573-43 WG1461394 1x	0416A_08	112809	61380	95142	98560	99568
MS R3519418-3 WG1461394 1x	0416A_16	103225	55210	92552	87588	84557
MSD R3519418-4 WG1461394 1x	0416A_17	102035	55263	94255	87089	84282

Instrument: BNAMS18 • File ID: 0415_03

04/15/20 07:26

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0415_03	24570	12709	21335	23470	23871
Upper Limit		49140	25418	42670	46940	47742
Lower Limit		12285	6355	10668	11735	11936
LCS R3518792-1 WG1460451 1x	0415_04	26996	14179	24025	26989	27760
BLANK R3518792-2 WG1460451 1x	0415_05	26258	13245	22791	26424	27648
MS R3518792-3 WG1460451 1x	0415_07	26386	13901	23435	26996	27765
MSD R3518792-4 WG1460451 1x	0415_08	26275	13821	23231	26719	27682
L1207573-02 WG1460451 1x	0415_16	25072	12461	21326	25802	26960
L1207573-03 WG1460451 1x	0415_17	25304	12644	21663	25410	26200
L1207573-04 WG1460451 1x	0415_18	25965	12915	22181	25904	27245
L1207573-05 WG1460451 1x	0415_19	25957	13098	22256	25767	26961
L1207573-06 WG1460451 1x	0415_20	24799	12520	21143	24778	25934
L1207573-07 WG1460451 1x	0415_21	24951	12590	21472	25209	26431
L1207573-08 WG1460451 1x	0415_22	25123	12708	22118	25219	25907
L1207573-09 WG1460451 1x	0415_23	25644	12750	22155	24301	24638
L1207573-10 WG1460451 1x	0415_24	24918	12481	21030	24204	24558
L1207573-01 WG1460451 5x	0415_27	24540	12077	22892	26344	26247
L1207573-32 WG1460635 1x	0415_29	24740	12508	21495	21144	23013
MS R3519002-1 WG1460635 1x	0415_30	24183	12633	21082	21606	22562
MSD R3519002-2 WG1460635 1x	0415_31	24236	12605	21049	21825	23257

Instrument: BNAMS18 • File ID: 0415_03

04/15/20 07:26

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
L1207573-27 WG1460635 1x	0415_33	23929	11761	19713	21666	23411

Instrument: BNAMS25 • File ID: 0415_03

04/15/20 07:28

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0415_03	106430	65161	113803	117717	127304
Upper Limit		212860	130322	227606	235434	254608
Lower Limit		53215	32581	56902	58859	63652
LCS R3518796-1 WG1460635 1x	0415_04	120889	73347	126950	137057	143847
BLANK R3518796-2 WG1460635 1x	0415_05	122307	75769	124595	137326	145941
L1207573-19 WG1460635 1x	0415_06	121276	74425	122447	135914	141773
L1207573-35 WG1460635 1x	0415_23	119070	72840	115219	133206	140482
L1207573-36 WG1460635 1x	0415_24	118041	72563	113483	131640	138948
L1207573-37 WG1460635 1x	0415_25	120383	73344	114900	135958	142008
L1207573-38 WG1460635 1x	0415_26	117566	71568	115144	132886	138532
L1207573-26 WG1460635 1x	0415_27	116021	69894	111047	125759	135147
L1207573-20 WG1460635 1x	0415_28	115415	69929	112038	128317	133878
L1207573-21 WG1460635 1x	0415_29	115776	70669	113137	128810	134499
L1207573-22 WG1460635 1x	0415_30	113541	68788	108599	125749	132436
L1207573-23 WG1460635 1x	0415_31	112940	68421	107823	124739	131562

Instrument: BNAMS25 • File ID: 0415A_03

04/15/20 20:50

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0415A_03	95332	57414	97684	106316	114789
Upper Limit		190664	114828	195368	212632	229578
Lower Limit		47666	28707	48842	53158	57395
LCS R3519053-1 WG1461079 1x	0415A_04	106616	63313	107684	120356	127724
BLANK R3519053-2 WG1461079 1x	0415A_05	106975	65092	104920	123587	130364
L1207573-39 WG1461079 1x	0415A_06	106742	64730	106015	122448	128884

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0415A_03

04/15/20 20:50

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
L1207573-40 WG1461079 1x	0415A_07	106548	64526	104659	121719	128667
L1207573-41 WG1461079 1x	0415A_08	104913	63539	102626	119704	127048
L1207573-42 WG1461079 1x	0415A_09	121422	114413	163886	129441	135880
MS R3519053-3 WG1461079 1x	0415A_16	101289	60369	101680	115865	122611
MSD R3519053-4 WG1461079 1x	0415A_17	102520	61545	102438	117153	124230

Instrument: BNAMS25 • File ID: 0416_06

04/16/20 08:33

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0416_06	111005	64923	127746	133164	123614
Upper Limit		222010	129846	255492	266328	247228
Lower Limit		55503	32462	63873	66582	61807
LCS R3519362-1 WG1461264 1x	0416_07	108204	62417	123141	126757	117659
BLANK R3519362-2 WG1461264 1x	0416_08	103974	61175	119685	124035	115336
L1207573-24 WG1461264 1x	0416_16	110877	65770	127980	131646	122282
MS R3519362-3 WG1461264 1x	0416_26	97847	57060	112504	115990	106603
MSD R3519362-4 WG1461264 1x	0416_27	95053	56500	111600	115480	106309

INTERNAL STANDARD SUMMARY

Instrument: BNAMS14 • File ID: 0414a_03

04/14/20 13:41

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0414a_03	129356	68371	115945	117975	123016
Upper Limit		258712	136742	231890	235950	246032
Lower Limit		64678	34186	57973	58988	61508
LCS R3518555-1 WG1460372 1x	0414a_04	134485	68934	114503	121257	119648
LCSD R3518555-2 WG1460372 1x	0414a_05	145203	78299	133691	138192	131019
BLANK R3518555-3 WG1460372 1x	0414a_06	144570	78982	133013	137102	137555
L1207573-44 WG1460372 1x	0414a_12	155817	85812	146932	148094	154250

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

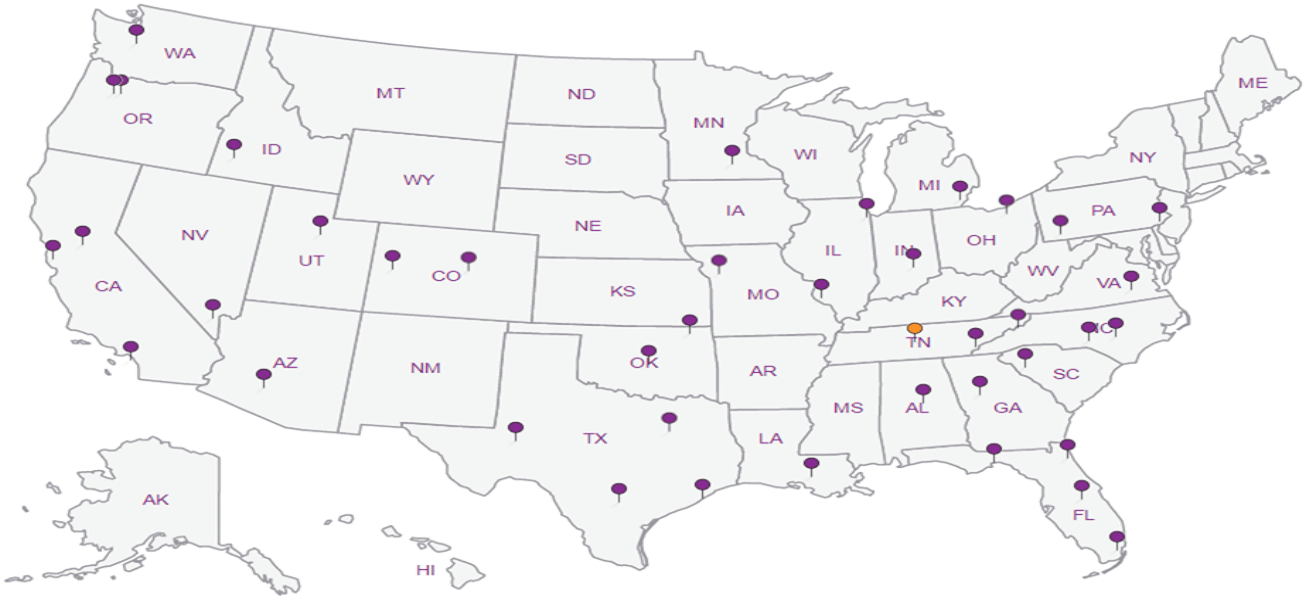
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# 1207573

J159

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-9-5	Grab	SS	0	4/9/20	0810	2	X	X	X	X		01
SS-9-5			5		0815		X	X	X	X		02
SS-9-10			10		0820		X	X	X	X		03
SS-9-15			15		0828		X	X	X	X		04
SS-9-20			20		0830		X	X	X	X		05
SS-9-35			35		0850		X	X	X	X		06
SS-9-40			40		0855		X	X	X	X		07
SS-10-5			0		0910		X	X	X	X		08
SS-10-5			5		0925		X	X	X	X		09
SS-10-10			10		0930		X	X	X	X		10

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier __ _____

Tracking # 1876 2753 8780 / 8790

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes (No) HCL / MeOH TBR	If preservation required by Login: Date/Time
B. Li-Vidal	4/9/20	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.4 °C 3±0.3 Bottles Received: 93	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4-10-20 Time: 830	Hold: / Condition: NCF / (OK)
			N Pappas		

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 6

Pace Analytical®
National Center for Testing & Innovation

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Mount Juliet, TN 37122
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Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

L# 1207573

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: TERRTUAZ

Template:

Prelogin:

Collected by (signature): B. Li-Vidal

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

TSR: Daphne Richards

PB:

Shipped Via:

Immediately Packed on Ice N ___ Y X

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-10-15	Grab	SS	15	4/9/20	0935	2	X	X	X	X		11
SS-10-20	↓	↓	20	↓	0945	↓	X	X	X	X		12
SS-10-25	↓	↓	25	↓	0950	↓	X	X	X	X		13
SS-10-30	↓	↓	30	↓	0952	↓	X	X	X	X		14
SS-10-40	↓	↓	40	↓	1005	↓	X	X	X	X		15
SS-10-40-DUP	↓	↓	40	↓	1005	↓	X	X	X	X		16
SS-11-8	↓	↓	0	↓	1035	↓	X	X	X	X		17
SS-11-5	↓	↓	5	↓	1100	↓	X	X	X	X		18
SS-11-10	↓	↓	10	↓	1105	↓	X	X	X	X		19
SS-11-15	↓	↓	15	↓	1110	↓	X	X	X	X		20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier _____

Tracking # 1676 2753 8780 / 8790

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/9/20	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3±0=.3 °C Bottles Received: 93
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M Pappas	Date: 4-10-20 Time: 830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# 1207573

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082							Remarks	Sample # (lab only)
SS-11-20	Grab	SS	20	4/9/20	1115	2	X	X	X	X								21
SS-11-25	↓	↓	25	↓	1120	↓	X	X	X	X								22
SS-11-30	↓	↓	30	↓	1125	↓	X	X	X	X								23
SS-11-35	↓	↓	35	↓	1130	↓	X	X	X	X								24
SS-11-40	↓	↓	40	↓	1135	↓	X	X	X	X								25
SS-12-5	↓	↓	0	↓	1200	↓	X	X	X	X								26
SS-12-5	↓	↓	5	↓	1230	↓	X	X	X	X								27
SS-12-10	↓	↓	10	↓	1232	↓	X	X	X	X								28
SS-12-15	↓	↓	15	↓	1240	↓	X	X	X	X								29
SS-12-20	↓	↓	20	↓	1243	↓	X	X	X	X								30

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier _____

Tracking # 1676 2753 8780 / 8790

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/9/20	1700		

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.6°C .3±0.3	Bottles Received: 93	If preservation required by Login: Date/Time

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			M Pappas	4-10-20	830		OK

Cooler 1 of 2

Chain of Custody Page 4 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Report to: Briana.Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# 1207573

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-12-25	Grab	SS	25	4/9/20	1250	2	X	X	X	X		31
SS-12-30	↓	↓	30	↓	1255	↓	X	X	X	X		32
SS-12-40	↓	↓	40	↓	1305	↓	X	X	X	X		33
SS-13-5	↓	↓	0	↓	1330	↓	X	X	X	X		34
SS-13-5	↓	↓	5	↓	1345	↓	X	X	X	X		35
SS-13-5-DUP	↓	↓	5	↓	1345	↓	X	X	X	X		36
SS-13-10	↓	↓	10	↓	1355	↓	X	X	X	X		37
SS-13-15	↓	↓	15	↓	1400	↓	X	X	X	X		38
SS-13-20	↓	↓	20	↓	1405	↓	X	X	X	X		39
SS-13-25	↓	↓	25	↓	1408	↓	X	X	X	X		40

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier _____

Tracking # 1676 2753 8780 / 8790

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
[signature]	4/9/20	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Wy °C .3±0=.3 Bottles Received: 93
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) MPappas	Date: 4-10-20 Time: 830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 5 of 6

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Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# 127573

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Collected by (signature): [signature]

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-13-30	Grab	SS	30	4/9/20	1412	2	X	X	X	X		41
SS-13-35	↓	↓	35	↓	1420	↓	X	X	X	X		42
SS-13-40	↓	↓	40	↓	1425	↓	X	X	X	X		43

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier __ _____

Tracking # 1676 2753 8780 / 8790

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
[signature]	4/9/20	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.3±0.3 °C Bottles Received: 93	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M Peppao	Date: 4-10-20 Time: 830	Hold: / Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 6 of 6

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Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# 1207573

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote # 00074879

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / HCl	PAH 8270SIM / 40ml amber / NoPres	RCRA8 Metals / 250ml HDPE / HNO3	PCB / 100ml amber / NoPres							Remarks	Sample # (lab only)
EB-4	Grab	WW	—	4/9/20	1050	7	X	X	X	X								1/4

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS X FedEx __ Courier __ _____

Tracking # 1676 2753 8780/8790

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N

RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
B. Li-Vidal	4/9/20	1700			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.6 °C .3±0=.3 Bottles Received: 23	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) M Pappas	Date: 4-10-20 Time: 830	Hold: / Condition: NCF / OK

ANALYTICAL REPORT

April 20, 2020

Terracon - Tucson, AZ

Sample Delivery Group:	L1208019
Samples Received:	04/11/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-13-45 L1208019-01 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 08:55	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:34	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:05	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 08:55	04/15/20 01:43	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 11:02	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 12:45	DMG	Mt. Juliet, TN

SS-13-50 L1208019-02 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 09:00	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:37	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:18	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 09:00	04/15/20 02:02	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 11:43	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 13:08	DMG	Mt. Juliet, TN

SS-13-55 L1208019-03 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 09:10	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:44	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:21	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 09:10	04/15/20 02:21	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 11:57	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 13:31	DMG	Mt. Juliet, TN

SS-12-45 L1208019-04 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 10:15	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:47	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:23	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 10:15	04/15/20 02:41	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 12:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 13:53	DMG	Mt. Juliet, TN

SS-12-50 L1208019-05 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 10:25	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:49	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:32	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 10:25	04/15/20 03:00	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460960	20	04/10/20 10:25	04/15/20 14:08	JHH	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462270	20	04/10/20 10:25	04/17/20 19:11	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 12:25	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 14:15	DMG	Mt. Juliet, TN

SS-12-55 L1208019-06 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/10/20 10:35 | Received date/time: 04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:52	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:35	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 10:35	04/15/20 03:19	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460960	20	04/10/20 10:35	04/15/20 14:28	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 12:39	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 14:37	DMG	Mt. Juliet, TN

SS-12-60 L1208019-07 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/10/20 10:50 | Received date/time: 04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 08:54	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:37	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1.1	04/10/20 10:50	04/15/20 03:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460960	1.1	04/10/20 10:50	04/15/20 13:30	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 12:52	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 14:59	DMG	Mt. Juliet, TN

SS-12-65 L1208019-08 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/10/20 11:05 | Received date/time: 04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	.8108108	04/15/20 21:51	04/16/20 08:57	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:40	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 11:05	04/15/20 03:57	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460960	8	04/10/20 11:05	04/15/20 14:47	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 13:06	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 15:21	DMG	Mt. Juliet, TN

SS-12-70 L1208019-09 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/10/20 11:20 | Received date/time: 04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 09:00	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:43	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 11:20	04/15/20 04:16	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 13:20	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 15:43	DMG	Mt. Juliet, TN

SS-12-75 L1208019-10 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/10/20 11:35 | Received date/time: 04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 09:02	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:46	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 11:35	04/15/20 04:35	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 13:34	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 16:50	DMG	Mt. Juliet, TN

SS-12-75-DUP L1208019-11 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 11:35	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1461305	1	04/15/20 21:51	04/16/20 09:05	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461338	1	04/16/20 11:50	04/17/20 22:48	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460488	1	04/10/20 11:35	04/15/20 04:54	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460960	10	04/10/20 11:35	04/15/20 15:05	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461765	1	04/16/20 18:43	04/17/20 13:48	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461264	1	04/16/20 01:57	04/16/20 17:12	DMG	Mt. Juliet, TN

EB-5 L1208019-12 GW

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/10/20 12:10	04/11/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1459578	1	04/13/20 09:36	04/13/20 15:53	SD	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1459656	1	04/15/20 18:22	04/16/20 16:59	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1459723	1	04/13/20 16:54	04/13/20 16:54	JAH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461012	1	04/15/20 15:14	04/15/20 23:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1460408	1	04/14/20 15:08	04/14/20 22:18	LEA	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0473		0.0400	1	04/16/2020 08:34	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.00		2.00	1	04/17/2020 22:05	WG1461338
Barium	45.0		0.500	1	04/17/2020 22:05	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:05	WG1461338
Chromium	4.36		1.00	1	04/17/2020 22:05	WG1461338
Lead	5.80		0.500	1	04/17/2020 22:05	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:05	WG1461338
Silver	ND		1.00	1	04/17/2020 22:05	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 01:43	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 01:43	WG1460488
Benzene	ND		0.0250	1	04/15/2020 01:43	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 01:43	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
Bromoform	ND		0.625	1	04/15/2020 01:43	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 01:43	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 01:43	WG1460488
n-Butylbenzene	ND		0.313	1	04/15/2020 01:43	WG1460488
sec-Butylbenzene	ND		0.313	1	04/15/2020 01:43	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 01:43	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 01:43	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 01:43	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 01:43	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 01:43	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 01:43	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 01:43	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 01:43	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 01:43	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 01:43	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 01:43	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 01:43	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 01:43	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 01:43	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 01:43	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 01:43	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 01:43	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 01:43	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 01:43	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 01:43	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 01:43	WG1460488
4-Ethyltoluene	ND		0.125	1	04/15/2020 01:43	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 01:43	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 01:43	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 01:43	WG1460488
p-Isopropyltoluene	ND		0.125	1	04/15/2020 01:43	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 01:43	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 01:43	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 01:43	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 01:43	WG1460488
Methyl Cyclohexane	ND		0.125	1	04/15/2020 01:43	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 01:43	WG1460488
Propene	ND		1.25	1	04/15/2020 01:43	WG1460488
n-Propylbenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
Styrene	ND		0.313	1	04/15/2020 01:43	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 01:43	WG1460488
Toluene	ND		0.125	1	04/15/2020 01:43	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 01:43	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 01:43	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 01:43	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 01:43	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 01:43	WG1460488
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 01:43	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 01:43	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 01:43	WG1460488
(S) Toluene-d8	*105*		*75.0-131*		*04/15/2020 01:43*	WG1460488
(S) 4-Bromofluorobenzene	*98.8*		*67.0-138*		*04/15/2020 01:43*	WG1460488
(S) 1,2-Dichloroethane-d4	*92.6*		*70.0-130*		*04/15/2020 01:43*	WG1460488

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 11:02	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 11:02	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 11:02	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 11:02	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 11:02	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 11:02	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 11:02	WG1461765
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/17/2020 11:02*	WG1461765
(S) Tetrachloro-m-xylene	*145*	S4	*10.0-139*		*04/17/2020 11:02*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Acenaphthene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Fluorene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 12:45	WG1461264
Phenanthrene	ND		0.00600	1	04/16/2020 12:45	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 12:45	WG1461264
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 12:45	WG1461264
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 12:45	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 12:45	WG1461264
(S) p-Terphenyl-d14	*106*		*23.0-120*		*04/16/2020 12:45*	WG1461264
(S) Nitrobenzene-d5	*117*		*14.0-149*		*04/16/2020 12:45*	WG1461264
(S) 2-Fluorobiphenyl	*96.2*		*34.0-125*		*04/16/2020 12:45*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0669		0.0400	1	04/16/2020 08:37	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/17/2020 22:18	WG1461338
Barium	94.8		0.500	1	04/17/2020 22:18	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:18	WG1461338
Chromium	3.01		1.00	1	04/17/2020 22:18	WG1461338
Lead	3.51		0.500	1	04/17/2020 22:18	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:18	WG1461338
Silver	ND		1.00	1	04/17/2020 22:18	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 02:02	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 02:02	WG1460488
Benzene	ND		0.0250	1	04/15/2020 02:02	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 02:02	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
Bromoform	ND		0.625	1	04/15/2020 02:02	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 02:02	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 02:02	WG1460488
n-Butylbenzene	ND		0.313	1	04/15/2020 02:02	WG1460488
sec-Butylbenzene	ND		0.313	1	04/15/2020 02:02	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 02:02	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 02:02	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 02:02	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 02:02	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 02:02	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 02:02	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 02:02	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 02:02	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 02:02	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 02:02	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 02:02	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 02:02	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 02:02	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 02:02	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 02:02	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 02:02	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 02:02	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 02:02	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 02:02	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 02:02	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 02:02	WG1460488
4-Ethyltoluene	ND		0.125	1	04/15/2020 02:02	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 02:02	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 02:02	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 02:02	WG1460488
p-Isopropyltoluene	ND		0.125	1	04/15/2020 02:02	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 02:02	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 02:02	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 02:02	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 02:02	WG1460488
Methyl Cyclohexane	ND		0.125	1	04/15/2020 02:02	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 02:02	WG1460488
Propene	ND		1.25	1	04/15/2020 02:02	WG1460488
n-Propylbenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
Styrene	ND		0.313	1	04/15/2020 02:02	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 02:02	WG1460488
Toluene	ND		0.125	1	04/15/2020 02:02	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 02:02	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 02:02	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 02:02	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 02:02	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 02:02	WG1460488
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 02:02	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 02:02	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 02:02	WG1460488
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 02:02*	WG1460488
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/15/2020 02:02*	WG1460488
(S) 1,2-Dichloroethane-d4	*98.6*		*70.0-130*		*04/15/2020 02:02*	WG1460488

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 11:43	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 11:43	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 11:43	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 11:43	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 11:43	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 11:43	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 11:43	WG1461765
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/17/2020 11:43*	WG1461765
(S) Tetrachloro-m-xylene	*138*		*10.0-139*		*04/17/2020 11:43*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Acenaphthene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Fluorene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 13:08	WG1461264
Phenanthrene	ND		0.00600	1	04/16/2020 13:08	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 13:08	WG1461264
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 13:08	WG1461264
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 13:08	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 13:08	WG1461264
(S) p-Terphenyl-d14	*104*		*23.0-120*		*04/16/2020 13:08*	WG1461264
(S) Nitrobenzene-d5	*113*		*14.0-149*		*04/16/2020 13:08*	WG1461264
(S) 2-Fluorobiphenyl	*94.0*		*34.0-125*		*04/16/2020 13:08*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0839		0.0400	1	04/16/2020 08:44	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/17/2020 22:21	WG1461338
Barium	182		0.500	1	04/17/2020 22:21	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:21	WG1461338
Chromium	9.65		1.00	1	04/17/2020 22:21	WG1461338
Lead	12.0		0.500	1	04/17/2020 22:21	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:21	WG1461338
Silver	ND		1.00	1	04/17/2020 22:21	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 02:21	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 02:21	WG1460488
Benzene	ND		0.0250	1	04/15/2020 02:21	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 02:21	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
Bromoform	ND		0.625	1	04/15/2020 02:21	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 02:21	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 02:21	WG1460488
n-Butylbenzene	ND		0.313	1	04/15/2020 02:21	WG1460488
sec-Butylbenzene	ND		0.313	1	04/15/2020 02:21	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 02:21	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 02:21	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 02:21	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 02:21	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 02:21	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 02:21	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 02:21	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 02:21	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 02:21	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 02:21	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 02:21	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 02:21	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 02:21	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 02:21	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 02:21	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 02:21	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 02:21	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 02:21	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 02:21	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 02:21	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 02:21	WG1460488
4-Ethyltoluene	ND		0.125	1	04/15/2020 02:21	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 02:21	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 02:21	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 02:21	WG1460488
p-Isopropyltoluene	ND		0.125	1	04/15/2020 02:21	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 02:21	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 02:21	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 02:21	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 02:21	WG1460488
Methyl Cyclohexane	ND		0.125	1	04/15/2020 02:21	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 02:21	WG1460488
Propene	ND		1.25	1	04/15/2020 02:21	WG1460488
n-Propylbenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
Styrene	ND		0.313	1	04/15/2020 02:21	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 02:21	WG1460488
Toluene	ND		0.125	1	04/15/2020 02:21	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 02:21	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 02:21	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 02:21	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 02:21	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 02:21	WG1460488
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 02:21	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 02:21	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 02:21	WG1460488
(S) Toluene-d8	*106*		*75.0-131*		*04/15/2020 02:21*	WG1460488
(S) 4-Bromofluorobenzene	*98.1*		*67.0-138*		*04/15/2020 02:21*	WG1460488
(S) 1,2-Dichloroethane-d4	*95.8*		*70.0-130*		*04/15/2020 02:21*	WG1460488

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 11:57	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 11:57	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 11:57	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 11:57	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 11:57	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 11:57	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 11:57	WG1461765
(S) Decachlorobiphenyl	*90.2*		*10.0-135*		*04/17/2020 11:57*	WG1461765
(S) Tetrachloro-m-xylene	*116*		*10.0-139*		*04/17/2020 11:57*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Acenaphthene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Fluorene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 13:31	WG1461264
Phenanthrene	ND		0.00600	1	04/16/2020 13:31	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 13:31	WG1461264
1-Methylnaphthalene	ND		0.0200	1	04/16/2020 13:31	WG1461264
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 13:31	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 13:31	WG1461264
(S) p-Terphenyl-d14	*65.7*		*23.0-120*		*04/16/2020 13:31*	WG1461264
(S) Nitrobenzene-d5	*82.4*		*14.0-149*		*04/16/2020 13:31*	WG1461264
(S) 2-Fluorobiphenyl	*66.1*		*34.0-125*		*04/16/2020 13:31*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0743		0.0400	1	04/16/2020 08:47	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.62		2.00	1	04/17/2020 22:23	WG1461338
Barium	65.6		0.500	1	04/17/2020 22:23	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:23	WG1461338
Chromium	8.69		1.00	1	04/17/2020 22:23	WG1461338
Lead	11.2		0.500	1	04/17/2020 22:23	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:23	WG1461338
Silver	ND		1.00	1	04/17/2020 22:23	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 02:41	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 02:41	WG1460488
Benzene	ND		0.0250	1	04/15/2020 02:41	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 02:41	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
Bromoform	ND		0.625	1	04/15/2020 02:41	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 02:41	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 02:41	WG1460488
n-Butylbenzene	ND		0.313	1	04/15/2020 02:41	WG1460488
sec-Butylbenzene	ND		0.313	1	04/15/2020 02:41	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 02:41	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 02:41	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 02:41	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 02:41	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 02:41	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 02:41	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 02:41	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 02:41	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 02:41	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 02:41	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 02:41	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 02:41	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 02:41	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 02:41	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 02:41	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 02:41	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 02:41	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 02:41	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 02:41	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 02:41	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 02:41	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 02:41	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 02:41	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 02:41	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 02:41	WG1460488
4-Ethyltoluene	ND		0.125	1	04/15/2020 02:41	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 02:41	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 02:41	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 02:41	WG1460488
p-Isopropyltoluene	ND		0.125	1	04/15/2020 02:41	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 02:41	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 02:41	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 02:41	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 02:41	WG1460488
Methyl Cyclohexane	ND		0.125	1	04/15/2020 02:41	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 02:41	WG1460488
Propene	ND		1.25	1	04/15/2020 02:41	WG1460488
n-Propylbenzene	ND		0.125	1	04/15/2020 02:41	WG1460488
Styrene	ND		0.313	1	04/15/2020 02:41	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 02:41	WG1460488
Toluene	ND		0.125	1	04/15/2020 02:41	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 02:41	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 02:41	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 02:41	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 02:41	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 02:41	WG1460488
1,2,4-Trimethylbenzene	0.226		0.125	1	04/15/2020 02:41	WG1460488
1,2,3-Trimethylbenzene	0.126		0.125	1	04/15/2020 02:41	WG1460488
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 02:41	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 02:41	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 02:41	WG1460488
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 02:41*	WG1460488
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/15/2020 02:41*	WG1460488
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/15/2020 02:41*	WG1460488

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 12:11	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 12:11	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 12:11	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 12:11	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 12:11	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 12:11	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 12:11	WG1461765
(S) Decachlorobiphenyl	*143*	S4	*10.0-135*		*04/17/2020 12:11*	WG1461765
(S) Tetrachloro-m-xylene	*204*	S4	*10.0-139*		*04/17/2020 12:11*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Acenaphthene	0.196		0.00600	1	04/16/2020 13:53	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Fluoranthene	0.00824		0.00600	1	04/16/2020 13:53	WG1461264
Fluorene	0.310		0.00600	1	04/16/2020 13:53	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 13:53	WG1461264
Naphthalene	0.330		0.0200	1	04/16/2020 13:53	WG1461264
Phenanthrene	0.882		0.00600	1	04/16/2020 13:53	WG1461264
Pyrene	0.0748		0.00600	1	04/16/2020 13:53	WG1461264
1-Methylnaphthalene	1.98		0.0200	1	04/16/2020 13:53	WG1461264
2-Methylnaphthalene	1.64		0.0200	1	04/16/2020 13:53	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 13:53	WG1461264
(S) p-Terphenyl-d14	*91.9*		*23.0-120*		*04/16/2020 13:53*	WG1461264
(S) Nitrobenzene-d5	*23.9*		*14.0-149*		*04/16/2020 13:53*	WG1461264
(S) 2-Fluorobiphenyl	*69.8*		*34.0-125*		*04/16/2020 13:53*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/16/2020 08:49	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.32		2.00	1	04/17/2020 22:32	WG1461338
Barium	90.2		0.500	1	04/17/2020 22:32	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:32	WG1461338
Chromium	5.22		1.00	1	04/17/2020 22:32	WG1461338
Lead	11.6		0.500	1	04/17/2020 22:32	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:32	WG1461338
Silver	ND		1.00	1	04/17/2020 22:32	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 03:00	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 03:00	WG1460488
Benzene	ND		0.0250	1	04/15/2020 03:00	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 03:00	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
Bromoform	ND		0.625	1	04/15/2020 03:00	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 03:00	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 03:00	WG1460488
n-Butylbenzene	0.987		0.313	1	04/15/2020 03:00	WG1460488
sec-Butylbenzene	0.743		0.313	1	04/15/2020 03:00	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 03:00	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 03:00	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 03:00	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 03:00	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 03:00	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 03:00	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 03:00	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 03:00	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 03:00	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 03:00	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 03:00	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 03:00	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 03:00	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 03:00	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 03:00	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 03:00	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 03:00	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 03:00	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 03:00	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 03:00	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 03:00	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 03:00	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 03:00	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 03:00	WG1460488
Ethylbenzene	0.155		0.0625	1	04/15/2020 03:00	WG1460488
4-Ethyltoluene	3.59		2.50	20	04/15/2020 14:08	WG1460960
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 03:00	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 03:00	WG1460488
Isopropylbenzene	0.421		0.0625	1	04/15/2020 03:00	WG1460488
p-Isopropyltoluene	0.660		0.125	1	04/15/2020 03:00	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 03:00	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 03:00	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 03:00	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 03:00	WG1460488
Methyl Cyclohexane	0.923		0.125	1	04/15/2020 03:00	WG1460488
Naphthalene	ND		6.25	20	04/17/2020 19:11	WG1462270
Propene	ND		1.25	1	04/15/2020 03:00	WG1460488
n-Propylbenzene	0.878		0.125	1	04/15/2020 03:00	WG1460488
Styrene	ND		0.313	1	04/15/2020 03:00	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 03:00	WG1460488
Toluene	ND		0.125	1	04/15/2020 03:00	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 03:00	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 03:00	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 03:00	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 03:00	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 03:00	WG1460488
1,2,4-Trimethylbenzene	7.20		2.50	20	04/15/2020 14:08	WG1460960
1,2,3-Trimethylbenzene	4.32		2.50	20	04/15/2020 14:08	WG1460960
1,3,5-Trimethylbenzene	1.96		0.125	1	04/15/2020 03:00	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 03:00	WG1460488
Xylenes, Total	0.381		0.163	1	04/15/2020 03:00	WG1460488
(S) Toluene-d8	*83.8*		*75.0-131*		*04/15/2020 03:00*	WG1460488
(S) Toluene-d8	*105*		*75.0-131*		*04/15/2020 14:08*	WG1460960
(S) Toluene-d8	*107*		*75.0-131*		*04/17/2020 19:11*	WG1462270
(S) 4-Bromofluorobenzene	*144*	S10	*67.0-138*		*04/15/2020 03:00*	WG1460488
(S) 4-Bromofluorobenzene	*109*		*67.0-138*		*04/15/2020 14:08*	WG1460960
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/17/2020 19:11*	WG1462270
(S) 1,2-Dichloroethane-d4	*97.1*		*70.0-130*		*04/15/2020 03:00*	WG1460488
(S) 1,2-Dichloroethane-d4	*91.3*		*70.0-130*		*04/15/2020 14:08*	WG1460960
(S) 1,2-Dichloroethane-d4	*98.9*		*70.0-130*		*04/17/2020 19:11*	WG1462270

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 12:25	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 12:25	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 12:25	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 12:25	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 12:25	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 12:25	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 12:25	WG1461765
(S) Decachlorobiphenyl	*94.2*		*10.0-135*		*04/17/2020 12:25*	WG1461765
(S) Tetrachloro-m-xylene	*109*		*10.0-139*		*04/17/2020 12:25*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Acenaphthene	0.0537		0.00600	1	04/16/2020 14:15	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Fluorene	0.0534		0.00600	1	04/16/2020 14:15	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 14:15	WG1461264
Naphthalene	0.209		0.0200	1	04/16/2020 14:15	WG1461264
Phenanthrene	0.128		0.00600	1	04/16/2020 14:15	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 14:15	WG1461264
1-Methylnaphthalene	0.585		0.0200	1	04/16/2020 14:15	WG1461264
2-Methylnaphthalene	0.822		0.0200	1	04/16/2020 14:15	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 14:15	WG1461264
(S) p-Terphenyl-d14	*64.1*		*23.0-120*		*04/16/2020 14:15*	WG1461264
(S) Nitrobenzene-d5	*34.5*		*14.0-149*		*04/16/2020 14:15*	WG1461264
(S) 2-Fluorobiphenyl	*65.7*		*34.0-125*		*04/16/2020 14:15*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/16/2020 08:52	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.92		2.00	1	04/17/2020 22:35	WG1461338
Barium	65.1		0.500	1	04/17/2020 22:35	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:35	WG1461338
Chromium	3.86		1.00	1	04/17/2020 22:35	WG1461338
Lead	5.62		0.500	1	04/17/2020 22:35	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:35	WG1461338
Silver	ND		1.00	1	04/17/2020 22:35	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 03:19	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 03:19	WG1460488
Benzene	ND		0.0250	1	04/15/2020 03:19	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 03:19	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
Bromoform	ND		0.625	1	04/15/2020 03:19	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 03:19	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 03:19	WG1460488
n-Butylbenzene	1.09		0.313	1	04/15/2020 03:19	WG1460488
sec-Butylbenzene	0.811		0.313	1	04/15/2020 03:19	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 03:19	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 03:19	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 03:19	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 03:19	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 03:19	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 03:19	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 03:19	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 03:19	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 03:19	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 03:19	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 03:19	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 03:19	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 03:19	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 03:19	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 03:19	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 03:19	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 03:19	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 03:19	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 03:19	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 03:19	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 03:19	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 03:19	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 03:19	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 03:19	WG1460488
Ethylbenzene	0.158		0.0625	1	04/15/2020 03:19	WG1460488
4-Ethyltoluene	3.72		2.50	20	04/15/2020 14:28	WG1460960
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 03:19	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 03:19	WG1460488
Isopropylbenzene	0.432		0.0625	1	04/15/2020 03:19	WG1460488
p-Isopropyltoluene	0.727		0.125	1	04/15/2020 03:19	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 03:19	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 03:19	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 03:19	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 03:19	WG1460488
Methyl Cyclohexane	0.575		0.125	1	04/15/2020 03:19	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 03:19	WG1460488
Propene	ND		1.25	1	04/15/2020 03:19	WG1460488
n-Propylbenzene	0.869		0.125	1	04/15/2020 03:19	WG1460488
Styrene	ND		0.313	1	04/15/2020 03:19	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 03:19	WG1460488
Toluene	ND		0.125	1	04/15/2020 03:19	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 03:19	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 03:19	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 03:19	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 03:19	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 03:19	WG1460488
1,2,4-Trimethylbenzene	7.71		2.50	20	04/15/2020 14:28	WG1460960
1,2,3-Trimethylbenzene	4.49		2.50	20	04/15/2020 14:28	WG1460960
1,3,5-Trimethylbenzene	2.10		0.125	1	04/15/2020 03:19	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 03:19	WG1460488
Xylenes, Total	0.421		0.163	1	04/15/2020 03:19	WG1460488
(S) Toluene-d8	*87.9*		*75.0-131*		*04/15/2020 03:19*	WG1460488
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 14:28*	WG1460960
(S) 4-Bromofluorobenzene	*150*	S10	*67.0-138*		*04/15/2020 03:19*	WG1460488
(S) 4-Bromofluorobenzene	*108*		*67.0-138*		*04/15/2020 14:28*	WG1460960
(S) 1,2-Dichloroethane-d4	*95.9*		*70.0-130*		*04/15/2020 03:19*	WG1460488
(S) 1,2-Dichloroethane-d4	*88.2*		*70.0-130*		*04/15/2020 14:28*	WG1460960

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 12:39	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 12:39	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 12:39	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 12:39	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 12:39	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 12:39	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 12:39	WG1461765
(S) Decachlorobiphenyl	*130*		*10.0-135*		*04/17/2020 12:39*	WG1461765
(S) Tetrachloro-m-xylene	*144*	S4	*10.0-139*		*04/17/2020 12:39*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Acenaphthene	0.195		0.00600	1	04/16/2020 14:37	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Fluorene	0.266		0.00600	1	04/16/2020 14:37	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 14:37	WG1461264
Naphthalene	0.135		0.0200	1	04/16/2020 14:37	WG1461264
Phenanthrene	0.631		0.00600	1	04/16/2020 14:37	WG1461264
Pyrene	0.0436		0.00600	1	04/16/2020 14:37	WG1461264
1-Methylnaphthalene	1.71		0.0200	1	04/16/2020 14:37	WG1461264
2-Methylnaphthalene	0.237		0.0200	1	04/16/2020 14:37	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 14:37	WG1461264
(S) p-Terphenyl-d14	*104*		*23.0-120*		*04/16/2020 14:37*	WG1461264
(S) Nitrobenzene-d5	*55.2*		*14.0-149*		*04/16/2020 14:37*	WG1461264
(S) 2-Fluorobiphenyl	*81.6*		*34.0-125*		*04/16/2020 14:37*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/16/2020 08:54	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.87		2.00	1	04/17/2020 22:37	WG1461338
Barium	87.2		0.500	1	04/17/2020 22:37	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:37	WG1461338
Chromium	6.66		1.00	1	04/17/2020 22:37	WG1461338
Lead	11.9		0.500	1	04/17/2020 22:37	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:37	WG1461338
Silver	ND		1.00	1	04/17/2020 22:37	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.38	1.1	04/15/2020 03:38	WG1460488
Acrylonitrile	ND		0.344	1.1	04/15/2020 03:38	WG1460488
Benzene	ND		0.0275	1.1	04/15/2020 03:38	WG1460488
Bromobenzene	ND	L1	0.344	1.1	04/15/2020 03:38	WG1460488
Bromodichloromethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Bromoform	ND		0.688	1.1	04/15/2020 03:38	WG1460488
Bromomethane	ND		0.344	1.1	04/15/2020 03:38	WG1460488
1,3-Butadiene	ND		0.688	1.1	04/15/2020 03:38	WG1460488
n-Butylbenzene	0.397		0.344	1.1	04/15/2020 03:38	WG1460488
sec-Butylbenzene	ND		0.344	1.1	04/15/2020 03:38	WG1460488
tert-Butylbenzene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
Carbon disulfide	ND		0.344	1.1	04/15/2020 03:38	WG1460488
Carbon tetrachloride	ND		0.138	1.1	04/15/2020 03:38	WG1460488
Chlorobenzene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Chlorodibromomethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Chloroethane	ND		0.138	1.1	04/15/2020 03:38	WG1460488
Chloroform	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Chloromethane	ND		0.344	1.1	04/15/2020 03:38	WG1460488
2-Chlorotoluene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
4-Chlorotoluene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
Cyclohexane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.688	1.1	04/15/2020 03:38	WG1460488
1,2-Dibromoethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Dibromomethane	ND		0.138	1.1	04/15/2020 03:38	WG1460488
1,2-Dichlorobenzene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
1,3-Dichlorobenzene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
1,4-Dichlorobenzene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
Dichlorodifluoromethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,1-Dichloroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,2-Dichloroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,1-Dichloroethene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
cis-1,2-Dichloroethene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
trans-1,2-Dichloroethene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
1,2-Dichloropropane	ND		0.138	1.1	04/15/2020 03:38	WG1460488
1,1-Dichloropropene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,3-Dichloropropane	ND		0.138	1.1	04/15/2020 03:38	WG1460488
cis-1,3-Dichloropropene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
trans-1,3-Dichloropropene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
2,2-Dichloropropane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.344	1.1	04/15/2020 03:38	WG1460488
Di-isopropyl ether	ND		0.0275	1.1	04/15/2020 03:38	WG1460488
Ethylbenzene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
4-Ethyltoluene	0.882		0.138	1.1	04/15/2020 13:30	WG1460960
Hexachloro-1,3-butadiene	ND		0.688	1.1	04/15/2020 03:38	WG1460488
n-Hexane	ND		0.138	1.1	04/15/2020 03:38	WG1460488
Isopropylbenzene	0.144		0.0688	1.1	04/15/2020 03:38	WG1460488
p-Isopropyltoluene	0.269		0.138	1.1	04/15/2020 03:38	WG1460488
2-Butanone (MEK)	ND		2.75	1.1	04/15/2020 03:38	WG1460488
Methylene Chloride	ND		0.688	1.1	04/15/2020 03:38	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.688	1.1	04/15/2020 03:38	WG1460488
Methyl tert-butyl ether	ND		0.0275	1.1	04/15/2020 03:38	WG1460488
Methyl Cyclohexane	0.185		0.138	1.1	04/15/2020 03:38	WG1460488
Naphthalene	ND		0.344	1.1	04/15/2020 03:38	WG1460488
Propene	ND		1.38	1.1	04/15/2020 03:38	WG1460488
n-Propylbenzene	0.288		0.138	1.1	04/15/2020 03:38	WG1460488
Styrene	ND		0.344	1.1	04/15/2020 03:38	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Tetrachloroethene	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Toluene	ND		0.138	1.1	04/15/2020 03:38	WG1460488
1,2,3-Trichlorobenzene	ND		0.344	1.1	04/15/2020 03:38	WG1460488
1,2,4-Trichlorobenzene	ND		0.344	1.1	04/15/2020 03:38	WG1460488
1,1,1-Trichloroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,1,2-Trichloroethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Trichloroethene	ND		0.0275	1.1	04/15/2020 03:38	WG1460488
Trichlorofluoromethane	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
1,2,3-Trichloropropane	ND		0.344	1.1	04/15/2020 03:38	WG1460488
1,2,4-Trimethylbenzene	1.88		0.138	1.1	04/15/2020 13:30	WG1460960
1,2,3-Trimethylbenzene	1.12		0.138	1.1	04/15/2020 13:30	WG1460960
1,3,5-Trimethylbenzene	0.708		0.138	1.1	04/15/2020 03:38	WG1460488
Vinyl chloride	ND		0.0688	1.1	04/15/2020 03:38	WG1460488
Xylenes, Total	ND		0.179	1.1	04/15/2020 03:38	WG1460488
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 03:38*	WG1460488
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 13:30*	WG1460960
(S) 4-Bromofluorobenzene	*122*		*67.0-138*		*04/15/2020 03:38*	WG1460488
(S) 4-Bromofluorobenzene	*120*		*67.0-138*		*04/15/2020 13:30*	WG1460960
(S) 1,2-Dichloroethane-d4	*88.3*		*70.0-130*		*04/15/2020 03:38*	WG1460488
(S) 1,2-Dichloroethane-d4	*91.8*		*70.0-130*		*04/15/2020 13:30*	WG1460960

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 12:52	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 12:52	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 12:52	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 12:52	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 12:52	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 12:52	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 12:52	WG1461765
(S) Decachlorobiphenyl	*96.4*		*10.0-135*		*04/17/2020 12:52*	WG1461765
(S) Tetrachloro-m-xylene	*117*		*10.0-139*		*04/17/2020 12:52*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Acenaphthene	0.0544		0.00600	1	04/16/2020 14:59	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Fluorene	0.0613		0.00600	1	04/16/2020 14:59	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 14:59	WG1461264
Naphthalene	0.147		0.0200	1	04/16/2020 14:59	WG1461264
Phenanthrene	0.147		0.00600	1	04/16/2020 14:59	WG1461264
Pyrene	0.00922		0.00600	1	04/16/2020 14:59	WG1461264
1-Methylnaphthalene	0.547		0.0200	1	04/16/2020 14:59	WG1461264
2-Methylnaphthalene	0.657		0.0200	1	04/16/2020 14:59	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 14:59	WG1461264
(S) p-Terphenyl-d14	*94.1*		*23.0-120*		*04/16/2020 14:59*	WG1461264
(S) Nitrobenzene-d5	*59.5*		*14.0-149*		*04/16/2020 14:59*	WG1461264
(S) 2-Fluorobiphenyl	*89.5*		*34.0-125*		*04/16/2020 14:59*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0324	.8108108	04/16/2020 08:57	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/17/2020 22:40	WG1461338
Barium	37.0		0.500	1	04/17/2020 22:40	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:40	WG1461338
Chromium	1.92		1.00	1	04/17/2020 22:40	WG1461338
Lead	3.78		0.500	1	04/17/2020 22:40	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:40	WG1461338
Silver	ND		1.00	1	04/17/2020 22:40	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 03:57	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 03:57	WG1460488
Benzene	ND		0.0250	1	04/15/2020 03:57	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 03:57	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
Bromoform	ND		0.625	1	04/15/2020 03:57	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 03:57	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 03:57	WG1460488
n-Butylbenzene	0.507		0.313	1	04/15/2020 03:57	WG1460488
sec-Butylbenzene	0.368		0.313	1	04/15/2020 03:57	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 03:57	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 03:57	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 03:57	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 03:57	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 03:57	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 03:57	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 03:57	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 03:57	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 03:57	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 03:57	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 03:57	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 03:57	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 03:57	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 03:57	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 03:57	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 03:57	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 03:57	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 03:57	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 03:57	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 03:57	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 03:57	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 03:57	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 03:57	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 03:57	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 03:57	WG1460488
4-Ethyltoluene	0.684		0.125	1	04/15/2020 03:57	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 03:57	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 03:57	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 03:57	WG1460488
p-Isopropyltoluene	0.330		0.125	1	04/15/2020 03:57	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 03:57	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 03:57	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 03:57	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 03:57	WG1460488
Methyl Cyclohexane	0.209		0.125	1	04/15/2020 03:57	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 03:57	WG1460488
Propene	ND		1.25	1	04/15/2020 03:57	WG1460488
n-Propylbenzene	0.177		0.125	1	04/15/2020 03:57	WG1460488
Styrene	ND		0.313	1	04/15/2020 03:57	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 03:57	WG1460488
Toluene	ND		0.125	1	04/15/2020 03:57	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 03:57	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 03:57	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 03:57	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 03:57	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 03:57	WG1460488
1,2,4-Trimethylbenzene	2.56		1.00	8	04/15/2020 14:47	WG1460960
1,2,3-Trimethylbenzene	1.14		0.125	1	04/15/2020 03:57	WG1460488
1,3,5-Trimethylbenzene	0.716		0.125	1	04/15/2020 03:57	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 03:57	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 03:57	WG1460488
(S) Toluene-d8	*99.7*		*75.0-131*		*04/15/2020 03:57*	WG1460488
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 14:47*	WG1460960
(S) 4-Bromofluorobenzene	*117*		*67.0-138*		*04/15/2020 03:57*	WG1460488
(S) 4-Bromofluorobenzene	*114*		*67.0-138*		*04/15/2020 14:47*	WG1460960
(S) 1,2-Dichloroethane-d4	*87.2*		*70.0-130*		*04/15/2020 03:57*	WG1460488
(S) 1,2-Dichloroethane-d4	*88.8*		*70.0-130*		*04/15/2020 14:47*	WG1460960

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 13:06	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 13:06	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 13:06	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 13:06	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 13:06	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 13:06	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 13:06	WG1461765
(S) Decachlorobiphenyl	*119*		*10.0-135*		*04/17/2020 13:06*	WG1461765
(S) Tetrachloro-m-xylene	*127*		*10.0-139*		*04/17/2020 13:06*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Acenaphthene	0.203		0.00600	1	04/16/2020 15:21	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Fluoranthene	0.00679		0.00600	1	04/16/2020 15:21	WG1461264
Fluorene	0.208		0.00600	1	04/16/2020 15:21	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 15:21	WG1461264
Naphthalene	0.107		0.0200	1	04/16/2020 15:21	WG1461264
Phenanthrene	0.760		0.00600	1	04/16/2020 15:21	WG1461264
Pyrene	0.0575		0.00600	1	04/16/2020 15:21	WG1461264
1-Methylnaphthalene	1.82		0.0200	1	04/16/2020 15:21	WG1461264
2-Methylnaphthalene	0.0861		0.0200	1	04/16/2020 15:21	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 15:21	WG1461264
(S) p-Terphenyl-d14	*106*		*23.0-120*		*04/16/2020 15:21*	WG1461264
(S) Nitrobenzene-d5	*63.0*		*14.0-149*		*04/16/2020 15:21*	WG1461264
(S) 2-Fluorobiphenyl	*82.9*		*34.0-125*		*04/16/2020 15:21*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0496		0.0400	1	04/16/2020 09:00	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.10		2.00	1	04/17/2020 22:43	WG1461338
Barium	105		0.500	1	04/17/2020 22:43	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:43	WG1461338
Chromium	8.27		1.00	1	04/17/2020 22:43	WG1461338
Lead	9.86		0.500	1	04/17/2020 22:43	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:43	WG1461338
Silver	ND		1.00	1	04/17/2020 22:43	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 04:16	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 04:16	WG1460488
Benzene	ND		0.0250	1	04/15/2020 04:16	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 04:16	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
Bromoform	ND		0.625	1	04/15/2020 04:16	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 04:16	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 04:16	WG1460488
n-Butylbenzene	ND		0.313	1	04/15/2020 04:16	WG1460488
sec-Butylbenzene	ND		0.313	1	04/15/2020 04:16	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 04:16	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 04:16	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 04:16	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 04:16	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 04:16	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 04:16	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 04:16	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 04:16	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 04:16	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 04:16	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 04:16	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 04:16	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 04:16	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 04:16	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 04:16	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 04:16	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 04:16	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 04:16	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 04:16	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 04:16	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 04:16	WG1460488
4-Ethyltoluene	ND		0.125	1	04/15/2020 04:16	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 04:16	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 04:16	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 04:16	WG1460488
p-Isopropyltoluene	ND		0.125	1	04/15/2020 04:16	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 04:16	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 04:16	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 04:16	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 04:16	WG1460488
Methyl Cyclohexane	ND		0.125	1	04/15/2020 04:16	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 04:16	WG1460488
Propene	ND		1.25	1	04/15/2020 04:16	WG1460488
n-Propylbenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
Styrene	ND		0.313	1	04/15/2020 04:16	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 04:16	WG1460488
Toluene	ND		0.125	1	04/15/2020 04:16	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 04:16	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 04:16	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 04:16	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 04:16	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 04:16	WG1460488
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 04:16	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 04:16	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 04:16	WG1460488
(S) Toluene-d8	*105*		*75.0-131*		*04/15/2020 04:16*	WG1460488
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/15/2020 04:16*	WG1460488
(S) 1,2-Dichloroethane-d4	*89.1*		*70.0-130*		*04/15/2020 04:16*	WG1460488

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 13:20	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 13:20	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 13:20	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 13:20	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 13:20	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 13:20	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 13:20	WG1461765
(S) Decachlorobiphenyl	*69.7*		*10.0-135*		*04/17/2020 13:20*	WG1461765
(S) Tetrachloro-m-xylene	*93.6*		*10.0-139*		*04/17/2020 13:20*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Acenaphthene	0.0106		0.00600	1	04/16/2020 15:43	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Fluorene	0.0127		0.00600	1	04/16/2020 15:43	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 15:43	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 15:43	WG1461264
Phenanthrene	0.0311		0.00600	1	04/16/2020 15:43	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 15:43	WG1461264
1-Methylnaphthalene	0.0978	R5	0.0200	1	04/16/2020 15:43	WG1461264
2-Methylnaphthalene	0.0481		0.0200	1	04/16/2020 15:43	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 15:43	WG1461264
(S) p-Terphenyl-d14	*66.1*		*23.0-120*		*04/16/2020 15:43*	WG1461264
(S) Nitrobenzene-d5	*73.2*		*14.0-149*		*04/16/2020 15:43*	WG1461264
(S) 2-Fluorobiphenyl	*67.1*		*34.0-125*		*04/16/2020 15:43*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0526		0.0400	1	04/16/2020 09:02	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.31		2.00	1	04/17/2020 22:46	WG1461338
Barium	138		0.500	1	04/17/2020 22:46	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:46	WG1461338
Chromium	10.1		1.00	1	04/17/2020 22:46	WG1461338
Lead	20.9		0.500	1	04/17/2020 22:46	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:46	WG1461338
Silver	ND		1.00	1	04/17/2020 22:46	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 04:35	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 04:35	WG1460488
Benzene	ND		0.0250	1	04/15/2020 04:35	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 04:35	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
Bromoform	ND		0.625	1	04/15/2020 04:35	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 04:35	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 04:35	WG1460488
n-Butylbenzene	ND		0.313	1	04/15/2020 04:35	WG1460488
sec-Butylbenzene	ND		0.313	1	04/15/2020 04:35	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 04:35	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 04:35	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 04:35	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 04:35	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 04:35	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 04:35	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 04:35	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 04:35	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 04:35	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 04:35	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 04:35	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 04:35	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 04:35	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 04:35	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 04:35	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 04:35	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 04:35	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 04:35	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 04:35	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 04:35	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 04:35	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 04:35	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 04:35	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 04:35	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 04:35	WG1460488
4-Ethyltoluene	ND		0.125	1	04/15/2020 04:35	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 04:35	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 04:35	WG1460488
Isopropylbenzene	ND		0.0625	1	04/15/2020 04:35	WG1460488
p-Isopropyltoluene	ND		0.125	1	04/15/2020 04:35	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 04:35	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 04:35	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 04:35	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 04:35	WG1460488
Methyl Cyclohexane	ND		0.125	1	04/15/2020 04:35	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 04:35	WG1460488
Propene	ND		1.25	1	04/15/2020 04:35	WG1460488
n-Propylbenzene	ND		0.125	1	04/15/2020 04:35	WG1460488
Styrene	ND		0.313	1	04/15/2020 04:35	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 04:35	WG1460488
Toluene	ND		0.125	1	04/15/2020 04:35	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 04:35	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 04:35	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 04:35	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 04:35	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 04:35	WG1460488
1,2,4-Trimethylbenzene	0.582		0.125	1	04/15/2020 04:35	WG1460488
1,2,3-Trimethylbenzene	0.325		0.125	1	04/15/2020 04:35	WG1460488
1,3,5-Trimethylbenzene	0.156		0.125	1	04/15/2020 04:35	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 04:35	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 04:35	WG1460488
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 04:35*	WG1460488
(S) 4-Bromofluorobenzene	*108*		*67.0-138*		*04/15/2020 04:35*	WG1460488
(S) 1,2-Dichloroethane-d4	*92.9*		*70.0-130*		*04/15/2020 04:35*	WG1460488

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 13:34	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 13:34	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 13:34	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 13:34	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 13:34	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 13:34	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 13:34	WG1461765
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/17/2020 13:34*	WG1461765
(S) Tetrachloro-m-xylene	*128*		*10.0-139*		*04/17/2020 13:34*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Acenaphthene	0.0181		0.00600	1	04/16/2020 16:50	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Fluorene	0.0195		0.00600	1	04/16/2020 16:50	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 16:50	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 16:50	WG1461264
Phenanthrene	0.0570		0.00600	1	04/16/2020 16:50	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 16:50	WG1461264
1-Methylnaphthalene	0.159		0.0200	1	04/16/2020 16:50	WG1461264
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 16:50	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 16:50	WG1461264
(S) p-Terphenyl-d14	*87.0*		*23.0-120*		*04/16/2020 16:50*	WG1461264
(S) Nitrobenzene-d5	*78.4*		*14.0-149*		*04/16/2020 16:50*	WG1461264
(S) 2-Fluorobiphenyl	*85.2*		*34.0-125*		*04/16/2020 16:50*	WG1461264

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0443		0.0400	1	04/16/2020 09:05	WG1461305

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.15		2.00	1	04/17/2020 22:48	WG1461338
Barium	133		0.500	1	04/17/2020 22:48	WG1461338
Cadmium	ND		0.500	1	04/17/2020 22:48	WG1461338
Chromium	8.48		1.00	1	04/17/2020 22:48	WG1461338
Lead	10.9		0.500	1	04/17/2020 22:48	WG1461338
Selenium	ND		2.00	1	04/17/2020 22:48	WG1461338
Silver	ND		1.00	1	04/17/2020 22:48	WG1461338

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 04:54	WG1460488
Acrylonitrile	ND		0.313	1	04/15/2020 04:54	WG1460488
Benzene	ND		0.0250	1	04/15/2020 04:54	WG1460488
Bromobenzene	ND	L1	0.313	1	04/15/2020 04:54	WG1460488
Bromodichloromethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
Bromoform	ND		0.625	1	04/15/2020 04:54	WG1460488
Bromomethane	ND		0.313	1	04/15/2020 04:54	WG1460488
1,3-Butadiene	ND		0.625	1	04/15/2020 04:54	WG1460488
n-Butylbenzene	0.631		0.313	1	04/15/2020 04:54	WG1460488
sec-Butylbenzene	0.494		0.313	1	04/15/2020 04:54	WG1460488
tert-Butylbenzene	ND		0.125	1	04/15/2020 04:54	WG1460488
Carbon disulfide	ND		0.313	1	04/15/2020 04:54	WG1460488
Carbon tetrachloride	ND		0.125	1	04/15/2020 04:54	WG1460488
Chlorobenzene	ND		0.0625	1	04/15/2020 04:54	WG1460488
Chlorodibromomethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
Chloroethane	ND		0.125	1	04/15/2020 04:54	WG1460488
Chloroform	ND		0.0625	1	04/15/2020 04:54	WG1460488
Chloromethane	ND		0.313	1	04/15/2020 04:54	WG1460488
2-Chlorotoluene	ND		0.0625	1	04/15/2020 04:54	WG1460488
4-Chlorotoluene	ND		0.125	1	04/15/2020 04:54	WG1460488
Cyclohexane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 04:54	WG1460488
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
Dibromomethane	ND		0.125	1	04/15/2020 04:54	WG1460488
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 04:54	WG1460488
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 04:54	WG1460488
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 04:54	WG1460488
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 04:54	WG1460488
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 04:54	WG1460488
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 04:54	WG1460488
1,2-Dichloropropane	ND		0.125	1	04/15/2020 04:54	WG1460488
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,3-Dichloropropane	ND		0.125	1	04/15/2020 04:54	WG1460488
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 04:54	WG1460488
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 04:54	WG1460488
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 04:54	WG1460488

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 04:54	WG1460488
Di-isopropyl ether	ND		0.0250	1	04/15/2020 04:54	WG1460488
Ethylbenzene	ND		0.0625	1	04/15/2020 04:54	WG1460488
4-Ethyltoluene	0.691		0.125	1	04/15/2020 04:54	WG1460488
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 04:54	WG1460488
n-Hexane	ND		0.125	1	04/15/2020 04:54	WG1460488
Isopropylbenzene	0.264		0.0625	1	04/15/2020 04:54	WG1460488
p-Isopropyltoluene	0.384		0.125	1	04/15/2020 04:54	WG1460488
2-Butanone (MEK)	ND		2.50	1	04/15/2020 04:54	WG1460488
Methylene Chloride	ND		0.625	1	04/15/2020 04:54	WG1460488
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 04:54	WG1460488
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 04:54	WG1460488
Methyl Cyclohexane	0.469		0.125	1	04/15/2020 04:54	WG1460488
Naphthalene	ND		0.313	1	04/15/2020 04:54	WG1460488
Propene	ND		1.25	1	04/15/2020 04:54	WG1460488
n-Propylbenzene	0.205		0.125	1	04/15/2020 04:54	WG1460488
Styrene	ND		0.313	1	04/15/2020 04:54	WG1460488
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
Tetrachloroethene	ND		0.0625	1	04/15/2020 04:54	WG1460488
Toluene	ND		0.125	1	04/15/2020 04:54	WG1460488
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 04:54	WG1460488
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 04:54	WG1460488
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
Trichloroethene	ND		0.0250	1	04/15/2020 04:54	WG1460488
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 04:54	WG1460488
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 04:54	WG1460488
1,2,4-Trimethylbenzene	3.53		1.25	10	04/15/2020 15:05	WG1460960
1,2,3-Trimethylbenzene	1.64		1.25	10	04/15/2020 15:05	WG1460960
1,3,5-Trimethylbenzene	0.880		0.125	1	04/15/2020 04:54	WG1460488
Vinyl chloride	ND		0.0625	1	04/15/2020 04:54	WG1460488
Xylenes, Total	ND		0.163	1	04/15/2020 04:54	WG1460488
(S) Toluene-d8	*95.4*		*75.0-131*		*04/15/2020 04:54*	WG1460488
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 15:05*	WG1460960
(S) 4-Bromofluorobenzene	*125*		*67.0-138*		*04/15/2020 04:54*	WG1460488
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*04/15/2020 15:05*	WG1460960
(S) 1,2-Dichloroethane-d4	*86.2*		*70.0-130*		*04/15/2020 04:54*	WG1460488
(S) 1,2-Dichloroethane-d4	*90.9*		*70.0-130*		*04/15/2020 15:05*	WG1460960

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/17/2020 13:48	WG1461765
PCB 1221	ND		0.0340	1	04/17/2020 13:48	WG1461765
PCB 1232	ND		0.0340	1	04/17/2020 13:48	WG1461765
PCB 1242	ND		0.0340	1	04/17/2020 13:48	WG1461765
PCB 1248	ND		0.0170	1	04/17/2020 13:48	WG1461765
PCB 1254	ND		0.0170	1	04/17/2020 13:48	WG1461765
PCB 1260	ND		0.0170	1	04/17/2020 13:48	WG1461765
(S) Decachlorobiphenyl	*78.0*		*10.0-135*		*04/17/2020 13:48*	WG1461765
(S) Tetrachloro-m-xylene	*97.0*		*10.0-139*		*04/17/2020 13:48*	WG1461765

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Acenaphthene	0.0157		0.00600	1	04/16/2020 17:12	WG1461264
Acenaphthylene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Benzo(a)anthracene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Benzo(a)pyrene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Benzo(b)fluoranthene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Benzo(g,h,i)perylene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Benzo(k)fluoranthene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Chrysene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Dibenz(a,h)anthracene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Fluoranthene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Fluorene	0.0175		0.00600	1	04/16/2020 17:12	WG1461264
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/16/2020 17:12	WG1461264
Naphthalene	ND		0.0200	1	04/16/2020 17:12	WG1461264
Phenanthrene	0.0532		0.00600	1	04/16/2020 17:12	WG1461264
Pyrene	ND		0.00600	1	04/16/2020 17:12	WG1461264
1-Methylnaphthalene	0.142		0.0200	1	04/16/2020 17:12	WG1461264
2-Methylnaphthalene	ND		0.0200	1	04/16/2020 17:12	WG1461264
2-Chloronaphthalene	ND		0.0200	1	04/16/2020 17:12	WG1461264
(S) p-Terphenyl-d14	*98.3*		*23.0-120*		*04/16/2020 17:12*	WG1461264
(S) Nitrobenzene-d5	*149*		*14.0-149*		*04/16/2020 17:12*	WG1461264
(S) 2-Fluorobiphenyl	*91.9*		*34.0-125*		*04/16/2020 17:12*	WG1461264

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/13/2020 15:53	WG1459578

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/16/2020 16:59	WG1459656
Barium	ND		0.00500	1	04/16/2020 16:59	WG1459656
Cadmium	ND		0.00200	1	04/16/2020 16:59	WG1459656
Chromium	ND		0.0100	1	04/16/2020 16:59	WG1459656
Lead	ND		0.00600	1	04/16/2020 16:59	WG1459656
Selenium	ND		0.0100	1	04/16/2020 16:59	WG1459656
Silver	ND		0.00500	1	04/16/2020 16:59	WG1459656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/13/2020 16:54	WG1459723
Acrolein	ND		0.0500	1	04/13/2020 16:54	WG1459723
Acrylonitrile	ND		0.0100	1	04/13/2020 16:54	WG1459723
Benzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Bromobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Bromodichloromethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Bromoform	ND		0.00100	1	04/13/2020 16:54	WG1459723
Bromomethane	ND		0.00500	1	04/13/2020 16:54	WG1459723
1,3-Butadiene	ND	L2 R7	0.00200	1	04/13/2020 16:54	WG1459723
n-Butylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
sec-Butylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
tert-Butylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Carbon tetrachloride	ND		0.00100	1	04/13/2020 16:54	WG1459723
Carbon disulfide	ND		0.00100	1	04/13/2020 16:54	WG1459723
Chlorobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Chlorodibromomethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Chloroethane	ND		0.00500	1	04/13/2020 16:54	WG1459723
Chloroform	ND		0.00500	1	04/13/2020 16:54	WG1459723
Chloromethane	ND		0.00250	1	04/13/2020 16:54	WG1459723
Cyclohexane	ND		0.00100	1	04/13/2020 16:54	WG1459723
2-Chlorotoluene	ND		0.00100	1	04/13/2020 16:54	WG1459723
4-Chlorotoluene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/13/2020 16:54	WG1459723
1,2-Dibromoethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Dibromomethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2-Dichlorobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,3-Dichlorobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,4-Dichlorobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Dichlorodifluoromethane	ND		0.00500	1	04/13/2020 16:54	WG1459723
1,1-Dichloroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2-Dichloroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1-Dichloroethene	ND		0.00100	1	04/13/2020 16:54	WG1459723
cis-1,2-Dichloroethene	ND		0.00100	1	04/13/2020 16:54	WG1459723
trans-1,2-Dichloroethene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2-Dichloropropane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1-Dichloropropene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,3-Dichloropropane	ND		0.00100	1	04/13/2020 16:54	WG1459723
cis-1,3-Dichloropropene	ND		0.00100	1	04/13/2020 16:54	WG1459723
trans-1,3-Dichloropropene	ND		0.00100	1	04/13/2020 16:54	WG1459723

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Dicyclopentadiene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Di-isopropyl ether	ND		0.00100	1	04/13/2020 16:54	WG1459723
Ethylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
4-Ethyltoluene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Hexachloro-1,3-butadiene	ND		0.00100	1	04/13/2020 16:54	WG1459723
n-Hexane	ND		0.0100	1	04/13/2020 16:54	WG1459723
Isopropylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
p-Isopropyltoluene	ND		0.00100	1	04/13/2020 16:54	WG1459723
2-Butanone (MEK)	ND		0.0100	1	04/13/2020 16:54	WG1459723
Methyl Cyclohexane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Methylene Chloride	ND		0.00500	1	04/13/2020 16:54	WG1459723
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/13/2020 16:54	WG1459723
Methyl tert-butyl ether	ND		0.00100	1	04/13/2020 16:54	WG1459723
Naphthalene	ND		0.00500	1	04/13/2020 16:54	WG1459723
Propene	ND		0.00250	1	04/13/2020 16:54	WG1459723
n-Propylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Styrene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Tetrachloroethene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Toluene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2,3-Trichlorobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2,4-Trichlorobenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1,1-Trichloroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,1,2-Trichloroethane	ND		0.00100	1	04/13/2020 16:54	WG1459723
Trichloroethene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Trichlorofluoromethane	ND		0.00500	1	04/13/2020 16:54	WG1459723
1,2,3-Trichloropropane	ND		0.00250	1	04/13/2020 16:54	WG1459723
1,2,4-Trimethylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,2,3-Trimethylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
1,3,5-Trimethylbenzene	ND		0.00100	1	04/13/2020 16:54	WG1459723
Vinyl chloride	ND		0.00100	1	04/13/2020 16:54	WG1459723
Xylenes, Total	ND		0.00300	1	04/13/2020 16:54	WG1459723
(S) Toluene-d8	*107*		*80.0-120*		*04/13/2020 16:54*	WG1459723
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*04/13/2020 16:54*	WG1459723
(S) 1,2-Dichloroethane-d4	*115*		*70.0-130*		*04/13/2020 16:54*	WG1459723

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00100	1	04/15/2020 23:03	WG1461012
PCB 1221	ND		0.00100	1	04/15/2020 23:03	WG1461012
PCB 1232	ND		0.00100	1	04/15/2020 23:03	WG1461012
PCB 1242	ND		0.00100	1	04/15/2020 23:03	WG1461012
PCB 1248	ND		0.000500	1	04/15/2020 23:03	WG1461012
PCB 1254	ND		0.000500	1	04/15/2020 23:03	WG1461012
PCB 1260	ND		0.000500	1	04/15/2020 23:03	WG1461012
(S) Decachlorobiphenyl	*47.8*		*10.0-128*		*04/15/2020 23:03*	WG1461012
(S) Tetrachloro-m-xylene	*75.6*		*10.0-127*		*04/15/2020 23:03*	WG1461012

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Acenaphthene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Acenaphthylene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Benzo(a)anthracene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Benzo(a)pyrene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Benzo(b)fluoranthene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Benzo(g,h,i)perylene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Benzo(k)fluoranthene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Chrysene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Dibenz(a,h)anthracene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Fluoranthene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Fluorene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
Naphthalene	ND		0.000250	1	04/14/2020 22:18	WG1460408
Phenanthrene	0.0000833		0.0000500	1	04/14/2020 22:18	WG1460408
Pyrene	ND		0.0000500	1	04/14/2020 22:18	WG1460408
1-Methylnaphthalene	ND		0.000250	1	04/14/2020 22:18	WG1460408
2-Methylnaphthalene	ND		0.000250	1	04/14/2020 22:18	WG1460408
2-Chloronaphthalene	ND		0.000250	1	04/14/2020 22:18	WG1460408
(S) Nitrobenzene-d5	*102*		*31.0-160*		*04/14/2020 22:18*	WG1460408
(S) 2-Fluorobiphenyl	*93.7*		*48.0-148*		*04/14/2020 22:18*	WG1460408
(S) p-Terphenyl-d14	*102*		*37.0-146*		*04/14/2020 22:18*	WG1460408

Method Blank (MB)

(MB) R3518217-1 04/13/20 15:08

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3518217-2 04/13/20 15:14

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00271	90.2	80.0-120	

L1208003-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208003-02 04/13/20 15:16 • (MS) R3518217-3 04/13/20 15:18 • (MSD) R3518217-4 04/13/20 15:20

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00275	0.00271	91.7	90.3	1	75.0-125			1.55	20

Method Blank (MB)

(MB) R3519172-1 04/16/20 08:21

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3519172-2 04/16/20 08:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.594	119	80.0-120	

L1208104-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208104-05 04/16/20 08:26 • (MS) R3519172-3 04/16/20 08:29 • (MSD) R3519172-4 04/16/20 08:31

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	0.373	0.797	0.775	84.8	80.5	1	75.0-125			2.71	20

Method Blank (MB)

(MB) R3519432-1 04/16/20 15:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3519432-2 04/16/20 15:43

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.963	96.3	80.0-120	
Barium	1.00	0.997	99.7	80.0-120	
Cadmium	1.00	0.949	94.9	80.0-120	
Chromium	1.00	1.00	100	80.0-120	
Lead	1.00	0.950	95.0	80.0-120	
Selenium	1.00	0.977	97.7	80.0-120	
Silver	0.200	0.193	96.5	80.0-120	

L1208009-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208009-04 04/16/20 15:46 • (MS) R3519432-4 04/16/20 15:51 • (MSD) R3519432-5 04/16/20 15:54

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00	U	0.981	0.979	98.1	97.9	1	75.0-125			0.146	20
Barium	1.00	0.129	1.12	1.13	99.6	100	1	75.0-125			0.394	20
Cadmium	1.00	U	0.962	0.966	96.2	96.6	1	75.0-125			0.403	20
Chromium	1.00	0.00768	1.02	1.02	101	101	1	75.0-125			0.0444	20
Lead	1.00	U	0.958	0.961	95.8	96.1	1	75.0-125			0.232	20
Selenium	1.00	U	1.00	1.01	100	101	1	75.0-125			0.602	20
Silver	0.200	U	0.197	0.196	98.4	98.0	1	75.0-125			0.464	20

Method Blank (MB)

(MB) R3519694-1 04/17/20 21:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519694-2 04/17/20 22:02

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	91.0	91.0	80.0-120	
Barium	100	96.5	96.5	80.0-120	
Cadmium	100	92.4	92.4	80.0-120	
Chromium	100	95.1	95.1	80.0-120	
Lead	100	92.6	92.6	80.0-120	
Selenium	100	93.3	93.3	80.0-120	
Silver	20.0	16.8	84.0	80.0-120	

L1208019-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208019-01 04/17/20 22:05 • (MS) R3519694-5 04/17/20 22:13 • (MSD) R3519694-6 04/17/20 22:15

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	2.00	91.9	92.5	89.9	90.5	1	75.0-125			0.620	20
Barium	100	45.0	135	141	89.8	95.9	1	75.0-125			4.46	20
Cadmium	100	ND	91.9	91.7	91.9	91.7	1	75.0-125			0.171	20
Chromium	100	4.36	97.5	96.9	93.2	92.5	1	75.0-125			0.647	20
Lead	100	5.80	99.6	99.9	93.8	94.1	1	75.0-125			0.364	20
Selenium	100	ND	92.0	92.4	92.0	92.4	1	75.0-125			0.447	20
Silver	20.0	ND	16.1	16.1	80.4	80.7	1	75.0-125			0.432	20

Method Blank (MB)

(MB) R3518883-3 04/13/20 10:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
1,3-Butadiene	U		0.000299	0.00200
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
Cyclohexane	U		0.000188	0.00100
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100

Method Blank (MB)

(MB) R3518883-3 04/13/20 10:11

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100
Dicyclopentadiene	U		0.000253	0.00100
n-Hexane	U		0.000749	0.0100
4-Ethyltoluene	U		0.000208	0.00100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methyl Cyclohexane	U		0.000660	0.00100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,2,3-Trichlorobenzene	0.000338	E4	0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Propene	U		0.000936	0.00250
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*106*			*80.0-120*
(S) 4-Bromofluorobenzene	*96.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518883-1 04/13/20 09:10 • (LCSD) R3518883-2 04/13/20 09:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0277	0.0279	111	112	19.0-160			0.719	27
Acrolein	0.0250	0.0211	0.0219	84.4	87.6	10.0-160			3.72	26
Acrylonitrile	0.0250	0.0263	0.0263	105	105	55.0-149			0.000	20
Benzene	0.00500	0.00510	0.00488	102	97.6	70.0-123			4.41	20
Bromobenzene	0.00500	0.00509	0.00487	102	97.4	73.0-121			4.42	20
Bromodichloromethane	0.00500	0.00534	0.00503	107	101	75.0-120			5.98	20
Bromoform	0.00500	0.00587	0.00545	117	109	68.0-132			7.42	20
Bromomethane	0.00500	0.00560	0.00531	112	106	10.0-160			5.32	25
n-Butylbenzene	0.00500	0.00602	0.00565	120	113	73.0-125			6.34	20
sec-Butylbenzene	0.00500	0.00559	0.00554	112	111	75.0-125			0.898	20
tert-Butylbenzene	0.00500	0.00565	0.00554	113	111	76.0-124			1.97	20
Carbon disulfide	0.00500	0.00520	0.00482	104	96.4	61.0-128			7.58	20
Carbon tetrachloride	0.00500	0.00571	0.00539	114	108	68.0-126			5.77	20
Chlorobenzene	0.00500	0.00562	0.00551	112	110	80.0-121			1.98	20
Chlorodibromomethane	0.00500	0.00523	0.00513	105	103	77.0-125			1.93	20
Chloroethane	0.00500	0.00517	0.00511	103	102	47.0-150			1.17	20
Chloroform	0.00500	0.00504	0.00491	101	98.2	73.0-120			2.61	20
Chloromethane	0.00500	0.00550	0.00514	110	103	41.0-142			6.77	20
2-Chlorotoluene	0.00500	0.00533	0.00521	107	104	76.0-123			2.28	20
4-Chlorotoluene	0.00500	0.00599	0.00573	120	115	75.0-122			4.44	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00385	0.00433	77.0	86.6	58.0-134			11.7	20
1,2-Dibromoethane	0.00500	0.00553	0.00535	111	107	80.0-122			3.31	20
Dibromomethane	0.00500	0.00555	0.00557	111	111	80.0-120			0.360	20
1,2-Dichlorobenzene	0.00500	0.00573	0.00550	115	110	79.0-121			4.10	20
1,3-Dichlorobenzene	0.00500	0.00573	0.00592	115	118	79.0-120			3.26	20
1,4-Dichlorobenzene	0.00500	0.00547	0.00542	109	108	79.0-120			0.918	20
1,3-Butadiene	0.00500	0.00221	0.00298	44.2	59.6	45.0-147	L2	R7	29.7	20
Dichlorodifluoromethane	0.00500	0.00578	0.00535	116	107	51.0-149			7.73	20
1,1-Dichloroethane	0.00500	0.00537	0.00542	107	108	70.0-126			0.927	20
1,2-Dichloroethane	0.00500	0.00528	0.00515	106	103	70.0-128			2.49	20
1,1-Dichloroethene	0.00500	0.00500	0.00467	100	93.4	71.0-124			6.83	20
cis-1,2-Dichloroethene	0.00500	0.00523	0.00514	105	103	73.0-120			1.74	20
trans-1,2-Dichloroethene	0.00500	0.00545	0.00520	109	104	73.0-120			4.69	20
1,2-Dichloropropane	0.00500	0.00539	0.00541	108	108	77.0-125			0.370	20
1,1-Dichloropropene	0.00500	0.00548	0.00549	110	110	74.0-126			0.182	20
1,3-Dichloropropane	0.00500	0.00561	0.00552	112	110	80.0-120			1.62	20
cis-1,3-Dichloropropene	0.00500	0.00557	0.00549	111	110	80.0-123			1.45	20
trans-1,3-Dichloropropene	0.00500	0.00564	0.00546	113	109	78.0-124			3.24	20
2,2-Dichloropropane	0.00500	0.00542	0.00517	108	103	58.0-130			4.72	20
Di-isopropyl ether	0.00500	0.00543	0.00543	109	109	58.0-138			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518883-1 04/13/20 09:10 • (LCSD) R3518883-2 04/13/20 09:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.00500	0.00525	0.00511	105	102	79.0-123			2.70	20
Hexachloro-1,3-butadiene	0.00500	0.00451	0.00442	90.2	88.4	54.0-138			2.02	20
n-Hexane	0.00500	0.00544	0.00496	109	99.2	57.0-133			9.23	20
Isopropylbenzene	0.00500	0.00574	0.00565	115	113	76.0-127			1.58	20
p-Isopropyltoluene	0.00500	0.00587	0.00569	117	114	76.0-125			3.11	20
2-Butanone (MEK)	0.0250	0.0260	0.0268	104	107	44.0-160			3.03	20
Methylene Chloride	0.00500	0.00510	0.00502	102	100	67.0-120			1.58	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0271	0.0268	108	107	68.0-142			1.11	20
Methyl tert-butyl ether	0.00500	0.00516	0.00515	103	103	68.0-125			0.194	20
Cyclohexane	0.00500	0.00505	0.00487	101	97.4	71.0-124			3.63	20
Naphthalene	0.00500	0.00331	0.00388	66.2	77.6	54.0-135			15.9	20
n-Propylbenzene	0.00500	0.00538	0.00518	108	104	77.0-124			3.79	20
Styrene	0.00500	0.00579	0.00565	116	113	73.0-130			2.45	20
1,1,1,2-Tetrachloroethane	0.00500	0.00554	0.00544	111	109	75.0-125			1.82	20
1,1,2,2-Tetrachloroethane	0.00500	0.00502	0.00507	100	101	65.0-130			0.991	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00384	0.00404	76.8	80.8	69.0-132			5.08	20
Tetrachloroethene	0.00500	0.00594	0.00586	119	117	72.0-132			1.36	20
Toluene	0.00500	0.00527	0.00499	105	99.8	79.0-120			5.46	20
1,2,3-Trichlorobenzene	0.00500	0.00322	0.00361	64.4	72.2	50.0-138			11.4	20
1,2,4-Trichlorobenzene	0.00500	0.00423	0.00444	84.6	88.8	57.0-137			4.84	20
Dicyclopentadiene	0.00500	0.00591	0.00554	118	111	74.0-126			6.46	20
1,1,1-Trichloroethane	0.00500	0.00537	0.00522	107	104	73.0-124			2.83	20
1,1,2-Trichloroethane	0.00500	0.00534	0.00493	107	98.6	80.0-120			7.98	20
Trichloroethene	0.00500	0.00578	0.00537	116	107	78.0-124			7.35	20
4-Ethyltoluene	0.00500	0.00564	0.00554	113	111	74.0-127			1.79	20
Trichlorofluoromethane	0.00500	0.00549	0.00489	110	97.8	59.0-147			11.6	20
1,2,3-Trichloropropane	0.00500	0.00555	0.00563	111	113	73.0-130			1.43	20
1,2,4-Trimethylbenzene	0.00500	0.00592	0.00576	118	115	76.0-121			2.74	20
1,2,3-Trimethylbenzene	0.00500	0.00575	0.00564	115	113	77.0-120			1.93	20
1,3,5-Trimethylbenzene	0.00500	0.00587	0.00558	117	112	76.0-122			5.07	20
Vinyl chloride	0.00500	0.00562	0.00502	112	100	67.0-131			11.3	20
Xylenes, Total	0.0150	0.0174	0.0165	116	110	79.0-123			5.31	20
Propene	0.00500	0.00288	0.00307	57.6	61.4	10.0-160			6.39	20
Methyl Cyclohexane	0.00500	0.00506	0.00486	101	97.2	68.0-126			4.03	20
(S) Toluene-d8				*104*	*103*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*98.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*107*	*105*	*70.0-130*				

Method Blank (MB)

(MB) R3518793-3 04/14/20 22:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U	E4	0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3518793-3 04/14/20 22:40

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*104*			*75.0-131*
(S) 4-Bromofluorobenzene	*103*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*98.2*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518793-1 04/14/20 21:25 • (LCSD) R3518793-2 04/14/20 21:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.703	0.669	112	107	10.0-160			4.96	31
Acrylonitrile	0.625	0.649	0.613	104	98.1	45.0-153			5.71	22
Benzene	0.125	0.118	0.121	94.4	96.8	70.0-123			2.51	20
Bromobenzene	0.125	0.137	0.152	110	122	73.0-121		L1	10.4	20
Bromodichloromethane	0.125	0.116	0.119	92.8	95.2	73.0-121			2.55	20
Bromoform	0.125	0.133	0.135	106	108	64.0-132			1.49	20
Bromomethane	0.125	0.126	0.129	101	103	56.0-147			2.35	20
1,3-Butadiene	0.125	0.144	0.142	115	114	32.0-150			1.40	20
n-Butylbenzene	0.125	0.110	0.123	88.0	98.4	68.0-135			11.2	20
sec-Butylbenzene	0.125	0.111	0.123	88.8	98.4	74.0-130			10.3	20
tert-Butylbenzene	0.125	0.116	0.135	92.8	108	75.0-127			15.1	20
Carbon disulfide	0.125	0.114	0.120	91.2	96.0	56.0-133			5.13	20
Carbon tetrachloride	0.125	0.114	0.118	91.2	94.4	66.0-128			3.45	20
Chlorobenzene	0.125	0.123	0.125	98.4	100	76.0-128			1.61	20
Chlorodibromomethane	0.125	0.120	0.124	96.0	99.2	74.0-127			3.28	20
Chloroethane	0.125	0.123	0.120	98.4	96.0	61.0-134			2.47	20
Chloroform	0.125	0.127	0.128	102	102	72.0-123			0.784	20
Chloromethane	0.125	0.136	0.142	109	114	51.0-138			4.32	20
Cyclohexane	0.125	0.117	0.115	93.6	92.0	70.0-130			1.72	20
2-Chlorotoluene	0.125	0.114	0.124	91.2	99.2	75.0-124			8.40	20
4-Chlorotoluene	0.125	0.114	0.123	91.2	98.4	75.0-124			7.59	20
1,2-Dibromo-3-Chloropropane	0.125	0.117	0.137	93.6	110	59.0-130			15.7	20
1,2-Dibromoethane	0.125	0.140	0.143	112	114	74.0-128			2.12	20
Dibromomethane	0.125	0.123	0.130	98.4	104	75.0-122			5.53	20
1,2-Dichlorobenzene	0.125	0.110	0.122	88.0	97.6	76.0-124			10.3	20
1,3-Dichlorobenzene	0.125	0.109	0.121	87.2	96.8	76.0-125			10.4	20
1,4-Dichlorobenzene	0.125	0.117	0.132	93.6	106	77.0-121			12.0	20
Dichlorodifluoromethane	0.125	0.107	0.115	85.6	92.0	43.0-156			7.21	20
1,1-Dichloroethane	0.125	0.129	0.130	103	104	70.0-127			0.772	20
1,2-Dichloroethane	0.125	0.109	0.115	87.2	92.0	65.0-131			5.36	20
1,1-Dichloroethene	0.125	0.116	0.119	92.8	95.2	65.0-131			2.55	20
cis-1,2-Dichloroethene	0.125	0.124	0.119	99.2	95.2	73.0-125			4.12	20
trans-1,2-Dichloroethene	0.125	0.126	0.127	101	102	71.0-125			0.791	20
1,2-Dichloropropane	0.125	0.120	0.124	96.0	99.2	74.0-125			3.28	20
1,1-Dichloropropene	0.125	0.114	0.122	91.2	97.6	73.0-125			6.78	20
1,3-Dichloropropane	0.125	0.133	0.134	106	107	80.0-125			0.749	20
cis-1,3-Dichloropropene	0.125	0.116	0.117	92.8	93.6	76.0-127			0.858	20
trans-1,3-Dichloropropene	0.125	0.115	0.121	92.0	96.8	73.0-127			5.08	20
2,2-Dichloropropane	0.125	0.127	0.138	102	110	59.0-135			8.30	20
Dicyclopentadiene	0.125	0.133	0.150	106	120	71.0-132			12.0	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518793-1 04/14/20 21:25 • (LCSD) R3518793-2 04/14/20 21:44

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.125	0.129	100	103	60.0-136			3.15	20
Ethylbenzene	0.125	0.106	0.114	84.8	91.2	74.0-126			7.27	20
4-Ethyltoluene	0.125	0.118	0.127	94.4	102	71.0-129			7.35	20
Hexachloro-1,3-butadiene	0.125	0.129	0.151	103	121	57.0-150			15.7	20
n-Hexane	0.125	0.121	0.124	96.8	99.2	55.0-137			2.45	20
Isopropylbenzene	0.125	0.123	0.127	98.4	102	72.0-127			3.20	20
p-Isopropyltoluene	0.125	0.109	0.124	87.2	99.2	72.0-133			12.9	20
2-Butanone (MEK)	0.625	0.642	0.657	103	105	30.0-160			2.31	24
Methyl Cyclohexane	0.125	0.117	0.133	93.6	106	67.0-129			12.8	20
Methylene Chloride	0.125	0.128	0.128	102	102	68.0-123			0.000	20
4-Methyl-2-pentanone (MIBK)	0.625	0.685	0.700	110	112	56.0-143			2.17	20
Methyl tert-butyl ether	0.125	0.131	0.131	105	105	66.0-132			0.000	20
Naphthalene	0.125	0.103	0.125	82.4	100	59.0-130			19.3	20
Propene	0.125	0.0720	0.0800	57.6	64.0	10.0-160			10.5	20
n-Propylbenzene	0.125	0.123	0.139	98.4	111	74.0-126			12.2	20
Styrene	0.125	0.115	0.116	92.0	92.8	72.0-127			0.866	20
1,1,1,2-Tetrachloroethane	0.125	0.141	0.142	113	114	74.0-129			0.707	20
1,1,2,2-Tetrachloroethane	0.125	0.117	0.129	93.6	103	68.0-128			9.76	20
Tetrachloroethene	0.125	0.142	0.142	114	114	70.0-136			0.000	20
Toluene	0.125	0.126	0.130	101	104	75.0-121			3.12	20
1,1,2-Trichlorotrifluoroethane	0.125	0.110	0.117	88.0	93.6	61.0-139			6.17	20
1,2,3-Trichlorobenzene	0.125	0.104	0.125	83.2	100	59.0-139			18.3	20
1,2,4-Trichlorobenzene	0.125	0.113	0.136	90.4	109	62.0-137			18.5	20
1,1,1-Trichloroethane	0.125	0.121	0.119	96.8	95.2	69.0-126			1.67	20
1,1,2-Trichloroethane	0.125	0.117	0.121	93.6	96.8	78.0-123			3.36	20
Trichloroethene	0.125	0.136	0.140	109	112	76.0-126			2.90	20
Trichlorofluoromethane	0.125	0.120	0.120	96.0	96.0	61.0-142			0.000	20
1,2,3-Trichloropropane	0.125	0.129	0.142	103	114	67.0-129			9.59	20
1,2,3-Trimethylbenzene	0.125	0.127	0.139	102	111	74.0-124			9.02	20
1,2,4-Trimethylbenzene	0.125	0.113	0.126	90.4	101	70.0-126			10.9	20
1,3,5-Trimethylbenzene	0.125	0.123	0.135	98.4	108	73.0-127			9.30	20
Vinyl chloride	0.125	0.128	0.136	102	109	63.0-134			6.06	20
Xylenes, Total	0.375	0.333	0.347	88.8	92.5	72.0-127			4.12	20
(S) Toluene-d8				*100*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*98.3*	*95.6*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*104*	*103*	*70.0-130*				

L1207027-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207027-01 04/15/20 05:51 • (MS) R3518793-4 04/15/20 06:49 • (MSD) R3518793-5 04/15/20 07:08

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	ND	30.2	24.9	121	99.6	40	10.0-160			19.2	40
Acrylonitrile	25.0	ND	25.4	20.0	102	80.0	40	10.0-160			23.8	40
Benzene	5.00	ND	6.35	6.22	127	124	40	10.0-149			2.07	37
Bromobenzene	5.00	ND	6.92	5.98	138	120	40	10.0-156			14.6	38
Bromodichloromethane	5.00	ND	6.00	6.04	120	121	40	10.0-143			0.664	37
Bromoform	5.00	ND	6.83	6.65	137	133	40	10.0-146			2.67	36
Bromomethane	5.00	ND	5.48	5.29	110	106	40	10.0-149			3.53	38
1,3-Butadiene	5.00	ND	6.74	7.08	135	142	40	10.0-137		M1	4.92	36
n-Butylbenzene	5.00	ND	10.3	7.54	206	151	40	10.0-160	M1		30.9	40
sec-Butylbenzene	5.00	ND	72.8	63.8	1460	1280	40	10.0-159	M1	M1	13.2	39
tert-Butylbenzene	5.00	ND	6.83	6.12	137	122	40	10.0-156			11.0	39
Carbon disulfide	5.00	ND	6.05	6.14	121	123	40	10.0-145			1.48	39
Carbon tetrachloride	5.00	ND	6.07	6.02	121	120	40	10.0-145			0.827	37
Chlorobenzene	5.00	ND	6.60	6.71	132	134	40	10.0-152			1.65	39
Chlorodibromomethane	5.00	ND	6.24	6.33	125	127	40	10.0-146			1.43	37
Chloroethane	5.00	ND	5.66	5.64	113	113	40	10.0-146			0.354	40
Chloroform	5.00	ND	6.20	6.02	124	120	40	10.0-146			2.95	37
Chloromethane	5.00	ND	6.76	6.55	135	131	40	10.0-159			3.16	37
Cyclohexane	5.00	ND	6.51	5.93	130	119	40	10.0-157			9.32	32
2-Chlorotoluene	5.00	ND	7.49	5.55	150	111	40	10.0-159			29.8	38
4-Chlorotoluene	5.00	ND	5.93	5.11	119	102	40	10.0-155			14.9	39
1,2-Dibromo-3-Chloropropane	5.00	ND	6.70	6.37	134	127	40	10.0-151			5.05	39
1,2-Dibromoethane	5.00	ND	7.30	7.46	146	149	40	10.0-148		M1	2.17	34
Dibromomethane	5.00	ND	6.00	6.21	120	124	40	10.0-147			3.44	35
1,2-Dichlorobenzene	5.00	ND	6.72	6.07	134	121	40	10.0-155			10.2	37
1,3-Dichlorobenzene	5.00	ND	6.40	5.76	128	115	40	10.0-153			10.5	38
1,4-Dichlorobenzene	5.00	ND	6.83	6.02	137	120	40	10.0-151			12.6	38
Dichlorodifluoromethane	5.00	ND	5.85	5.59	117	112	40	10.0-160			4.55	35
1,1-Dichloroethane	5.00	ND	6.39	6.23	128	125	40	10.0-147			2.54	37
1,2-Dichloroethane	5.00	ND	5.17	4.87	103	97.4	40	10.0-148			5.98	35
1,1-Dichloroethene	5.00	ND	6.05	6.09	121	122	40	10.0-155			0.659	37
cis-1,2-Dichloroethene	5.00	ND	6.16	5.91	123	118	40	10.0-149			4.14	37
trans-1,2-Dichloroethene	5.00	ND	6.34	6.24	127	125	40	10.0-150			1.59	37
1,2-Dichloropropane	5.00	ND	6.49	6.40	130	128	40	10.0-148			1.40	37
1,1-Dichloropropene	5.00	ND	6.44	6.27	129	125	40	10.0-153			2.68	35
1,3-Dichloropropane	5.00	ND	7.04	6.99	141	140	40	10.0-154			0.713	35
cis-1,3-Dichloropropene	5.00	ND	6.12	6.18	122	124	40	10.0-151			0.976	37
trans-1,3-Dichloropropene	5.00	ND	6.15	6.02	123	120	40	10.0-148			2.14	37
2,2-Dichloropropane	5.00	ND	5.19	4.83	104	96.6	40	10.0-138			7.19	36
Dicyclopentadiene	5.00	ND	9.38	7.85	188	157	40	12.0-152	M1	M1	17.8	34

L1207027-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207027-01 04/15/20 05:51 • (MS) R3518793-4 04/15/20 06:49 • (MSD) R3518793-5 04/15/20 07:08

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	5.00	ND	6.21	6.09	124	122	40	10.0-147			1.95	36
Ethylbenzene	5.00	4.43	10.1	10.2	113	115	40	10.0-160			0.985	38
4-Ethyltoluene	5.00	ND	11.6	10.3	139	113	40	10.0-156			11.9	32
Hexachloro-1,3-butadiene	5.00	ND	13.8	12.8	276	256	40	10.0-160	M1	M1	7.52	40
n-Hexane	5.00	ND	7.04	7.05	141	141	40	10.0-157			0.142	37
Isopropylbenzene	5.00	ND	7.11	7.06	142	141	40	10.0-155			0.706	38
p-Isopropyltoluene	5.00	5.66	12.1	17.0	129	227	40	10.0-160		M1	33.7	40
2-Butanone (MEK)	25.0	ND	27.9	23.4	112	93.6	40	10.0-160			17.5	40
Methyl Cyclohexane	5.00	ND	6.52	6.85	130	137	40	10.0-160			4.94	33
Methylene Chloride	5.00	ND	6.59	4.31	132	86.2	40	10.0-141		R5	41.8	37
4-Methyl-2-pentanone (MIBK)	25.0	ND	31.2	31.6	125	126	40	10.0-160			1.27	35
Methyl tert-butyl ether	5.00	ND	6.24	5.86	125	117	40	11.0-147			6.28	35
Naphthalene	5.00	ND	11.2	10.9	224	218	40	10.0-160	M1	M1	2.71	36
Propene	5.00	ND	4.19	3.96	83.8	79.2	40	10.0-160			5.64	35
n-Propylbenzene	5.00	ND	6.62	6.58	132	132	40	10.0-158			0.606	38
Styrene	5.00	ND	6.36	6.37	127	127	40	10.0-160			0.157	40
1,1,1,2-Tetrachloroethane	5.00	ND	7.23	7.16	145	143	40	10.0-149			0.973	39
1,1,2,2-Tetrachloroethane	5.00	ND	40.3	36.9	806	738	40	10.0-160	M1	M1	8.81	35
Tetrachloroethene	5.00	ND	8.18	8.31	164	166	40	10.0-156	M1	M1	1.58	39
Toluene	5.00	ND	7.03	7.00	141	140	40	10.0-156			0.428	38
1,1,2-Trichlorotrifluoroethane	5.00	ND	6.11	6.29	122	126	40	10.0-160			2.90	36
1,2,3-Trichlorobenzene	5.00	ND	8.67	9.15	173	183	40	10.0-160	M1	M1	5.39	40
1,2,4-Trichlorobenzene	5.00	ND	9.26	9.18	185	184	40	10.0-160	M1	M1	0.868	40
1,1,1-Trichloroethane	5.00	ND	5.99	5.84	120	117	40	10.0-144			2.54	35
1,1,2-Trichloroethane	5.00	ND	6.82	6.71	136	134	40	10.0-160			1.63	35
Trichloroethene	5.00	ND	7.70	7.60	154	152	40	10.0-156			1.31	38
Trichlorofluoromethane	5.00	ND	6.02	6.05	120	121	40	10.0-160			0.497	40
1,2,3-Trichloropropane	5.00	ND	15.1	13.6	302	272	40	10.0-156	M1	M1	10.5	35
1,2,3-Trimethylbenzene	5.00	8.06	14.8	13.1	135	101	40	10.0-160			12.2	36
1,2,4-Trimethylbenzene	5.00	11.5	19.2	16.9	154	108	40	10.0-160			12.7	36
1,3,5-Trimethylbenzene	5.00	ND	10.7	9.71	141	121	40	10.0-160			9.70	38
Vinyl chloride	5.00	ND	6.17	5.94	123	119	40	10.0-160			3.80	37
Xylenes, Total	15.0	23.3	42.7	41.3	129	120	40	10.0-160			3.33	38
(S) Toluene-d8					*101*	*103*		*75.0-131*				
(S) 4-Bromofluorobenzene					*116*	*140*		*67.0-138*		S10		
(S) 1,2-Dichloroethane-d4					*94.6*	*94.6*		*70.0-130*				

Sample Narrative:

OS: Non-target compounds too high to run at a lower dilution.

Method Blank (MB)

(MB) R3519522-3 04/15/20 10:06

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
4-Ethyltoluene	U		0.0580	0.125
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*96.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*95.8*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519522-1 04/15/20 08:51 • (LCSD) R3519522-2 04/15/20 09:09

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
4-Ethyltoluene	0.125	0.104	0.0992	83.2	79.4	71.0-129			4.72	20
1,2,3-Trimethylbenzene	0.125	0.104	0.103	83.2	82.4	74.0-124			0.966	20
1,2,4-Trimethylbenzene	0.125	0.102	0.100	81.6	80.0	70.0-126			1.98	20
(S) Toluene-d8				*103*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*96.9*	*100*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.4*	*96.1*	*70.0-130*				

Method Blank (MB)

(MB) R3520066-3 04/17/20 18:44

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Naphthalene	U		0.122	0.313
(S) Toluene-d8	*114*			*75.0-131*
(S) 4-Bromofluorobenzene	*88.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*87.1*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520066-1 04/17/20 17:29 • (LCSD) R3520066-2 04/17/20 17:47

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.125	0.105	0.110	84.0	88.0	59.0-130			4.65	20
(S) Toluene-d8				*110*	*108*	*75.0-131*				
(S) 4-Bromofluorobenzene				*93.0*	*91.2*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*95.4*	*96.0*	*70.0-130*				

Method Blank (MB)

(MB) R3519021-1 04/15/20 19:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*90.6*			*10.0-128*
(S) Tetrachloro-m-xylene	*84.3*			*10.0-127*

Laboratory Control Sample (LCS)

(LCS) R3519021-2 04/15/20 19:36

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.00250	0.00178	71.2	42.0-131	
PCB 1016	0.00250	0.00182	72.8	36.0-135	
(S) Decachlorobiphenyl			*71.0*	*10.0-128*	
(S) Tetrachloro-m-xylene			*74.5*	*10.0-127*	

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3519549-1 04/17/20 08:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*78.4*			*10.0-135*
(S) Tetrachloro-m-xylene	*106*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3519549-2 04/17/20 09:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.184	110	37.0-145	
PCB 1016	0.167	0.176	105	36.0-141	
(S) Decachlorobiphenyl			*94.9*	*10.0-135*	
(S) Tetrachloro-m-xylene			*121*	*10.0-139*	

L1208019-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208019-01 04/17/20 11:02 • (MS) R3519549-3 04/17/20 11:16 • (MSD) R3519549-4 04/17/20 11:30

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.229	0.212	137	127	1	10.0-160			7.71	38
PCB 1016	0.167	ND	0.229	0.205	137	123	1	10.0-160			11.1	37
(S) Decachlorobiphenyl					*115*	*105*		*10.0-135*				
(S) Tetrachloro-m-xylene					*146*	*136*		*10.0-139*	S10			

Method Blank (MB)

(MB) R3518641-3 04/14/20 18:18

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	U		0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*96.5*			*31.0-160*
(S) 2-Fluorobiphenyl	*86.5*			*48.0-148*
(S) p-Terphenyl-d14	*103*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518641-1 04/14/20 17:38 • (LCSD) R3518641-2 04/14/20 17:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00217	0.00222	108	111	67.0-150			2.28	20
Acenaphthene	0.00200	0.00183	0.00186	91.5	93.0	65.0-138			1.63	20
Acenaphthylene	0.00200	0.00194	0.00199	97.0	99.5	66.0-140			2.54	20
Benzo(a)anthracene	0.00200	0.00209	0.00215	105	108	61.0-140			2.83	20
Benzo(a)pyrene	0.00200	0.00205	0.00211	102	105	60.0-143			2.88	20
Benzo(b)fluoranthene	0.00200	0.00188	0.00195	94.0	97.5	58.0-141			3.66	20
Benzo(g,h,i)perylene	0.00200	0.00197	0.00205	98.5	102	52.0-153			3.98	20
Benzo(k)fluoranthene	0.00200	0.00209	0.00214	105	107	58.0-148			2.36	20
Chrysene	0.00200	0.00210	0.00216	105	108	64.0-144			2.82	20
Dibenz(a,h)anthracene	0.00200	0.00221	0.00228	111	114	52.0-155			3.12	20
Fluoranthene	0.00200	0.00196	0.00199	98.0	99.5	69.0-153			1.52	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518641-1 04/14/20 17:38 • (LCSD) R3518641-2 04/14/20 17:58

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00193	0.00190	96.5	95.0	64.0-136			1.57	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00217	0.00225	108	112	54.0-153			3.62	20
Naphthalene	0.00200	0.00176	0.00182	88.0	91.0	61.0-137			3.35	20
Phenanthrene	0.00200	0.00192	0.00197	96.0	98.5	62.0-137			2.57	20
Pyrene	0.00200	0.00208	0.00215	104	108	60.0-142			3.31	20
1-Methylnaphthalene	0.00200	0.00185	0.00190	92.5	95.0	66.0-142			2.67	20
2-Methylnaphthalene	0.00200	0.00176	0.00180	88.0	90.0	62.0-136			2.25	20
2-Chloronaphthalene	0.00200	0.00177	0.00180	88.5	90.0	64.0-140			1.68	20
(S) Nitrobenzene-d5				*94.5*	*98.5*	*31.0-160*				
(S) 2-Fluorobiphenyl				*84.5*	*88.0*	*48.0-148*				
(S) p-Terphenyl-d14				*99.0*	*103*	*37.0-146*				

Method Blank (MB)

(MB) R3519362-2 04/16/20 09:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*103*			*14.0-149*
(S) 2-Fluorobiphenyl	*88.0*			*34.0-125*
(S) p-Terphenyl-d14	*97.1*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519362-1 04/16/20 09:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0540	67.5	50.0-126	
Acenaphthene	0.0800	0.0556	69.5	50.0-120	
Acenaphthylene	0.0800	0.0576	72.0	50.0-120	
Benzo(a)anthracene	0.0800	0.0580	72.5	45.0-120	
Benzo(a)pyrene	0.0800	0.0529	66.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0547	68.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0556	69.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0546	68.3	49.0-125	
Chrysene	0.0800	0.0554	69.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0572	71.5	47.0-125	
Fluoranthene	0.0800	0.0590	73.8	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519362-1 04/16/20 09:04

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0598	74.8	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0565	70.6	46.0-125	
Naphthalene	0.0800	0.0493	61.6	50.0-120	
Phenanthrene	0.0800	0.0520	65.0	47.0-120	
Pyrene	0.0800	0.0530	66.3	43.0-123	
1-Methylnaphthalene	0.0800	0.0526	65.8	51.0-121	
2-Methylnaphthalene	0.0800	0.0502	62.8	50.0-120	
2-Chloronaphthalene	0.0800	0.0520	65.0	50.0-120	
(S) Nitrobenzene-d5			*99.4*	*14.0-149*	
(S) 2-Fluorobiphenyl			*84.3*	*34.0-125*	
(S) p-Terphenyl-d14			*91.4*	*23.0-120*	

L1208019-09 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208019-09 04/16/20 15:43 • (MS) R3519362-3 04/16/20 16:05 • (MSD) R3519362-4 04/16/20 16:27

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0626	0.0580	78.3	72.5	1	10.0-145			7.63	30
Acenaphthene	0.0800	0.0106	0.0684	0.0664	72.3	69.8	1	14.0-127			2.97	27
Acenaphthylene	0.0800	ND	0.0673	0.0603	84.1	75.4	1	21.0-124			11.0	25
Benzo(a)anthracene	0.0800	ND	0.0647	0.0551	80.9	68.9	1	10.0-139			16.0	30
Benzo(a)pyrene	0.0800	ND	0.0617	0.0528	77.1	66.0	1	10.0-141			15.5	31
Benzo(b)fluoranthene	0.0800	ND	0.0603	0.0512	75.4	64.0	1	10.0-140			16.3	36
Benzo(g,h,i)perylene	0.0800	ND	0.0615	0.0524	76.9	65.5	1	10.0-140			16.0	33
Benzo(k)fluoranthene	0.0800	ND	0.0624	0.0532	78.0	66.5	1	10.0-137			15.9	31
Chrysene	0.0800	ND	0.0636	0.0541	79.5	67.6	1	10.0-145			16.1	30
Dibenz(a,h)anthracene	0.0800	ND	0.0637	0.0540	79.6	67.5	1	10.0-132			16.5	31
Fluoranthene	0.0800	ND	0.0670	0.0580	83.8	72.5	1	10.0-153			14.4	33
Fluorene	0.0800	0.0127	0.0755	0.0739	78.5	76.5	1	11.0-130			2.14	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0628	0.0534	78.5	66.8	1	10.0-137			16.2	32
Naphthalene	0.0800	ND	0.0680	0.0677	85.0	84.6	1	10.0-135			0.442	27
Phenanthrene	0.0800	0.0311	0.0745	0.0856	54.3	68.1	1	10.0-144			13.9	31
Pyrene	0.0800	ND	0.0613	0.0545	76.6	68.1	1	10.0-148			11.7	35
1-Methylnaphthalene	0.0800	0.0978	0.107	0.152	11.5	67.7	1	10.0-142		R5	34.7	28
2-Methylnaphthalene	0.0800	0.0481	0.0803	0.0962	40.3	60.1	1	10.0-137			18.0	28
2-Chloronaphthalene	0.0800	ND	0.0601	0.0530	75.1	66.3	1	29.0-120			12.6	24
(S) Nitrobenzene-d5					*112*	*91.5*		*14.0-149*				
(S) 2-Fluorobiphenyl					*86.2*	*77.5*		*34.0-125*				
(S) p-Terphenyl-d14					*88.7*	*79.0*		*23.0-120*				

INTERNAL STANDARD SUMMARY

Instrument: VOCMS32 • File ID: 0413_03

04/13/20 09:10

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0413_03	169327	74272	38798
Upper Limit		338654	148544	77596
Lower Limit		84664	37136	19399
LCS R3518883-1 WG1459723 1x	0413_03LCS	169327	74272	38798
LCSD R3518883-2 WG1459723 1x	0413_04	167865	74870	38193
BLANK R3518883-3 WG1459723 1x	0413_06	159174	70471	34227
L1208019-12 WG1459723 1x	0413_24	152318	67997	35677

Instrument: VOCMS40 • File ID: 0414_31

04/14/20 21:25

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0414_31	1060938	421705.10	319140.70
Upper Limit		2121876	843410	638281
Lower Limit		530469	210853	159570
LCS R3518793-1 WG1460488 1x	0414_31LCS	1060938	421705.10	319140.70
LCSD R3518793-2 WG1460488 1x	0414_32	1022846	402374.20	284060.40
BLANK R3518793-3 WG1460488 1x	0414_35	1119570	430105.80	346205
L1208019-01 WG1460488 1x	0414_43	1207127	471955.50	347277.70
L1208019-02 WG1460488 1x	0414_44	1214159	465790.60	390320.10
L1208019-03 WG1460488 1x	0414_45	1176159	456327.50	332566.80
L1208019-04 WG1460488 1x	0414_46	1124262	450658.40	349640.10
L1208019-05 WG1460488 1x	0414_47	1234281	615926.70	448236.10
L1208019-06 WG1460488 1x	0414_48	1410716	658817.80	515049.10
L1208019-07 WG1460488 1.1x	0414_49	1418064	562684.90	463586.60
L1208019-08 WG1460488 1x	0414_50	1378022	558876.40	402325.20
L1208019-09 WG1460488 1x	0414_51	1454716	557475.10	445981
L1208019-10 WG1460488 1x	0414_52	1421797	553991.80	436988.40
L1208019-11 WG1460488 1x	0414_53	1376192	582942	420809.20
MS R3518793-4 WG1460488 40x	0414_59	1408305	555525.80	426877.70
MSD R3518793-5 WG1460488 40x	0414_60	1442473	566971.30	492959.20

Instrument: VOCMS41 • File ID: 0415_02

04/15/20 08:51

Sample ID	File ID	8260-FLUOROBENZENE	8260-CHLOROBENZENE-D5	8260-1,4-DICHLOROBENZENE-D4
		Response	Response	Response
Standard	0415_02	1171464	481925.20	375800.60
Upper Limit		2342928	963850	751601
Lower Limit		585732	240963	187900
LCS R3519522-1 WG1460960 1x	0415_02LCSA	1171464	481925.20	375800.60
LCSD R3519522-2 WG1460960 1x	0415_03A	1193075	500036.50	433751.70
BLANK R3519522-3 WG1460960 1x	0415_06A	1203367	469046.20	348173.40
L1208019-07 WG1460960 1.1x	0415_11	1390307	565952.70	399351.30
L1208019-05 WG1460960 20x	0415_13	1386618	548623.80	465049.10
L1208019-06 WG1460960 20x	0415_14	1388428	570560.30	507532.80
L1208019-08 WG1460960 8x	0415_15	1410059	581112.20	484582.90
L1208019-11 WG1460960 10x	0415_16	1382897	574785.70	483299

INTERNAL STANDARD SUMMARY

Instrument: VOCMS53 • File ID: 0417_29

04/17/20 17:29

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0417_29	905585.70	369503	384147.50
Upper Limit		1811171	739006	768295
Lower Limit		452793	184752	192074
LCS R3520066-1 WG1462270 1x	0417_29LCSA	905585.70	369503	384147.50
LCSD R3520066-2 WG1462270 1x	0417_30A	878445.30	377319.50	379348.10
BLANK R3520066-3 WG1462270 1x	0417_33A	1026452	400269	367300.20
L1208019-05 WG1462270 20x	0417_34	891968.80	382053.20	391597.20

INTERNAL STANDARD SUMMARY

Instrument: SVGC14 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	27178986
Upper Limit		40768480
Lower Limit		13589500
BLANK R3519021-1 WG1461012 1x	0415A_31	24826070
LCS R3519021-2 WG1461012 1x	0415A_32	25835120
L1208019-12 WG1461012 1x	0415A_47	27081080

INTERNAL STANDARD SUMMARY

Instrument: SVGC14 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	27178986
Upper Limit		40768480
Lower Limit		13589500
BLANK R3519549-1 WG1461765 1x	0416_94	39258000
LCS R3519549-2 WG1461765 1x	0416_95	37749690
L1208019-01 WG1461765 1x	0416_A03	29750570
MS R3519549-3 WG1461765 1x	0416_A04	30399610
MSD R3519549-4 WG1461765 1x	0416_A05	32710050
L1208019-02 WG1461765 1x	0416_A06	31844720
L1208019-03 WG1461765 1x	0416_A07	30820410
L1208019-04 WG1461765 1x	0416_A08	27357450
L1208019-05 WG1461765 1x	0416_A09	29380280
L1208019-06 WG1461765 1x	0416_A10	29933010
L1208019-07 WG1461765 1x	0416_A11	29376060
L1208019-08 WG1461765 1x	0416_A12	31639840
L1208019-09 WG1461765 1x	0416_A13	30964110
L1208019-10 WG1461765 1x	0416_A14	29664090
L1208019-11 WG1461765 1x	0416_A15	32358140

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0416_06

04/16/20 08:33

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0416_06	111005	64923	127746	133164	123614
Upper Limit		222010	129846	255492	266328	247228
Lower Limit		55503	32462	63873	66582	61807
LCS R3519362-1 WG1461264 1x	0416_07	108204	62417	123141	126757	117659
BLANK R3519362-2 WG1461264 1x	0416_08	103974	61175	119685	124035	115336
L1208019-01 WG1461264 1x	0416_17	106971	63712	123639	128262	118392
L1208019-02 WG1461264 1x	0416_18	104462	61809	120382	124093	114869
L1208019-03 WG1461264 1x	0416_19	106170	63824	124286	128502	118520
L1208019-04 WG1461264 1x	0416_20	100184	70093	120723	112893	115657
L1208019-05 WG1461264 1x	0416_21	96296	60721	118003	125853	116962
L1208019-06 WG1461264 1x	0416_22	91828	68606	122040	120021	118092
L1208019-07 WG1461264 1x	0416_23	93542	58738	114113	122205	113342
L1208019-08 WG1461264 1x	0416_24	85620	67437	117597	113082	113179
L1208019-09 WG1461264 1x	0416_25	96380	57747	113475	119375	110000
MS R3519362-3 WG1461264 1x	0416_26	97847	57060	112504	115990	106603
MSD R3519362-4 WG1461264 1x	0416_27	95053	56500	111600	115480	106309
L1208019-10 WG1461264 1x	0416_28	93157	55570	111624	116361	107622
L1208019-11 WG1461264 1x	0416_29	95393	57590	112519	119508	109713

INTERNAL STANDARD SUMMARY

Instrument: BNAMS13 • File ID: 0414a_03

04/14/20 17:18

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0414a_03	89374	44186	73118	64060	50399
Upper Limit		178748	88372	146236	128120	100798
Lower Limit		44687	22093	36559	32030	25200
LCS R3518641-1 WG1460408 1x	0414a_04	100596	49355	81716	73520	57784
LCSD R3518641-2 WG1460408 1x	0414a_05	97287	48445	79433	69982	54780
BLANK R3518641-3 WG1460408 1x	0414a_06	95725	47429	78009	67159	52563
L1208019-12 WG1460408 1x	0414a_18	94718	46772	76492	65932	50707

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S4	Surrogate recovery was above laboratory and method acceptance limits. No target analytes detected in the sample.
S10	Surrogate recovery was above laboratory and method acceptance limits.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

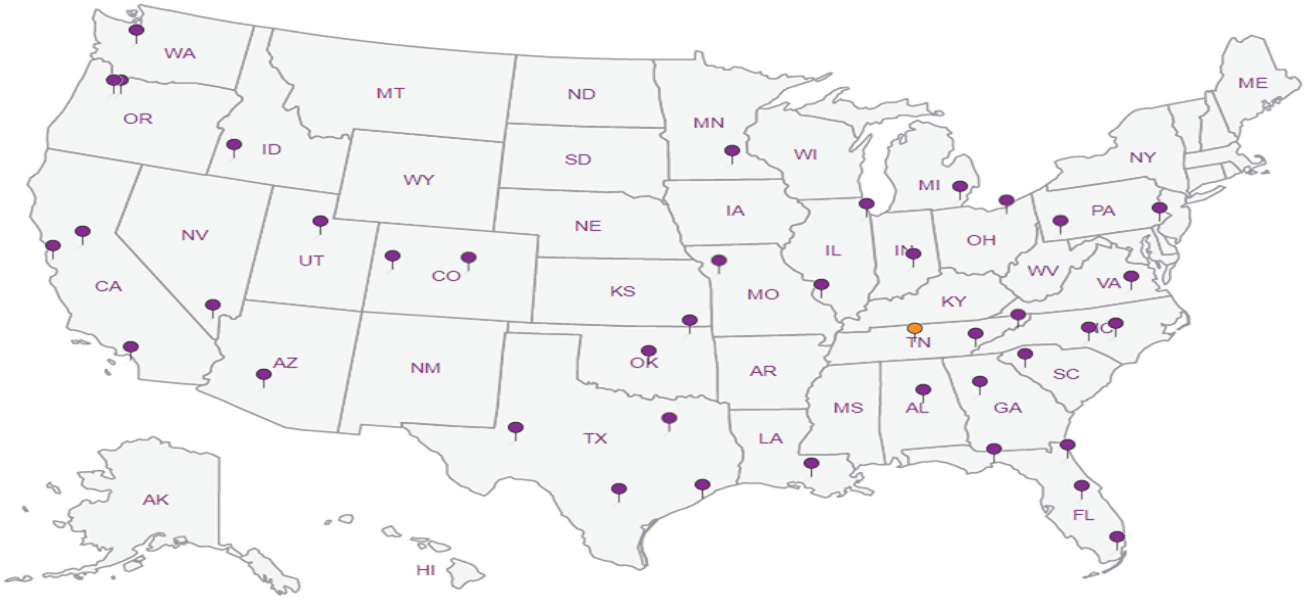
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 3

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

L# L1208019

Table # E208

Account: TERRIUAT

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-13-45	Grab	SS	45	4/10/20	0855	2	X	X	X	X		-01
SS-13-50			50		0900		X	X	X	X		02
SS-13-55			55		0910		X	X	X	X		03
SS-12-45			45		1015		X	X	X	X		04
SS-12-50			50		1025		X	X	X	X		05
SS-12-55			55		1035		X	X	X	X		06
SS-12-60			60		1050		X	X	X	X		07
SS-12-65			65		1105		X	X	X	X		08
SS-12-70			70		1120		X	X	X	X		09
SS-12-75			75		1135		X	X	X	X		10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1411 1755 8765

Sample Receipt Checklist
COC Seal Present/Intact: ✓NP __Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/10/20	1400		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3±0 °C AZ -.3 Bottles Received: 09
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11 Apr Time: 0830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 3

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana.Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

L# L1208019

Table #

Acctnum: TERRTUAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-12-75-DUP	Grab	SS	75	4/10/20	1135	2	X	X	X	X		-11

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: ✓NP __Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
B. Li-Vidal	4/10/20	1400			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3±0.3 °C Bottles Received: 29	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11Apr Time: 0830	Hold: Condition: NCF / OK

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 3

Pace Analytical®
National Center for Testing & Innovation

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Email To: Briana.Li-Vidal@terracon.com

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Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

Immediately Packed on Ice N ___ Y X

L# L1208019

Table #

Acctnum: TERRTUAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / HCl	PAH 8270SIM / 40ml amber / NoPres	RCRA8 Metals / 250ml HDPE / HNO3	PCB / 100ml amber / NoPres	Remarks	Sample # (lab only)
EB-5	Grab	WW	—	4/10/20	1210	7	X	X	X	X		-12

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: Y __N
Preservation Correct/Checked: Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/10/20	1400		0
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.4 °C .3±0=.3 AZ; Bottles Received: 25
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 11 Apr; Time: 0830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

April 22, 2020

Terracon - Tucson, AZ

Sample Delivery Group:	L1208413
Samples Received:	04/14/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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1 Cp
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5 Sr
6 Qc
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9 Al
10 Sc

SS-14-S L1208413-01 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 08:40	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:25	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 17:56	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1.04	04/13/20 08:40	04/15/20 18:10	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 17:06	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 04:21	AAT	Mt. Juliet, TN

SS-14-5 L1208413-02 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:15	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:27	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 17:59	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1	04/13/20 09:15	04/15/20 18:28	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 17:20	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 04:43	AAT	Mt. Juliet, TN

SS-14-10 L1208413-03 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:20	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:29	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:02	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1	04/13/20 09:20	04/15/20 18:47	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 17:34	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 05:05	AAT	Mt. Juliet, TN

SS-14-15 L1208413-04 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:25	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:32	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:10	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1	04/13/20 09:25	04/15/20 19:06	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 17:48	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 06:12	AAT	Mt. Juliet, TN

SS-14-20 L1208413-05 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:30	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:17	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:13	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1	04/13/20 09:30	04/15/20 19:25	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 18:02	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 06:34	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-14-25 L1208413-06 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:35	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:39	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:15	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1	04/13/20 09:35	04/15/20 19:44	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 18:17	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 06:56	AAT	Mt. Juliet, TN

SS-14-30 L1208413-07 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:40	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:41	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:18	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460993	1	04/13/20 09:40	04/15/20 20:03	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 18:31	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 07:18	AAT	Mt. Juliet, TN

SS-14-35 L1208413-08 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 09:45	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:44	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:21	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 09:45	04/15/20 20:55	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 18:45	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 07:40	AAT	Mt. Juliet, TN

SS-15-S L1208413-09 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 10:05	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:46	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462037	1	04/17/20 11:55	04/18/20 18:24	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:05	04/15/20 21:14	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 18:59	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 08:03	AAT	Mt. Juliet, TN

SS-15-5 L1208413-10 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 10:15	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:48	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 20:57	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:15	04/15/20 21:33	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 19:13	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 08:25	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-15-10 L1208413-11 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:20 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:51	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:00	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:20	04/15/20 21:52	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1461949	1	04/17/20 00:51	04/19/20 19:28	KLM	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 08:47	AAT	Mt. Juliet, TN

SS-15-15 L1208413-12 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:30 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:53	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:03	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:30	04/15/20 22:11	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462375	1	04/17/20 19:16	04/18/20 16:40	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461951	1	04/17/20 00:29	04/17/20 09:09	AAT	Mt. Juliet, TN

SS-15-20 L1208413-13 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:35 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:55	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:11	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:35	04/15/20 22:30	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462375	1	04/17/20 19:16	04/18/20 16:53	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 07:19	SHG	Mt. Juliet, TN

SS-15-25 L1208413-14 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:38 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 13:58	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:13	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:38	04/15/20 22:49	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 12:10	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 07:40	SHG	Mt. Juliet, TN

SS-15-30 L1208413-15 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:40 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 14:00	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:16	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:40	04/15/20 23:08	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 12:53	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 08:00	SHG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-15-35 L1208413-16 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:50 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 14:07	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:19	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:50	04/15/20 23:27	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 13:07	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 08:21	SHG	Mt. Juliet, TN

SS-15-40 L1208413-17 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 10:55 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 14:10	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:22	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 10:55	04/15/20 23:45	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 13:21	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 08:42	SHG	Mt. Juliet, TN

SS-16-S L1208413-18 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:15 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 14:12	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:24	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462013	1	04/13/20 11:15	04/17/20 10:27	ADM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 13:35	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	10	04/17/20 15:33	04/18/20 12:30	SHG	Mt. Juliet, TN

SS-16-5 L1208413-19 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:25 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 14:14	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:27	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:25	04/16/20 00:24	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 13:49	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 09:03	SHG	Mt. Juliet, TN

SS-16-10 L1208413-20 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:30 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462115	1	04/17/20 07:10	04/20/20 14:17	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:30	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:30	04/16/20 00:43	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 14:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 09:23	SHG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-16-10-DUP L1208413-21 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:30 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:10	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:33	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:30	04/16/20 01:02	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/19/20 20:24	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 09:44	SHG	Mt. Juliet, TN

SS-16-15 L1208413-22 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:40 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:17	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:36	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:40	04/16/20 01:21	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 14:32	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 10:05	SHG	Mt. Juliet, TN

SS-16-20 L1208413-23 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:45 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:19	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:44	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:45	04/16/20 01:40	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 14:46	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 10:25	SHG	Mt. Juliet, TN

SS-16-25 L1208413-24 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:47 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:22	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 20:44	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:47	04/16/20 01:59	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 15:00	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 10:46	SHG	Mt. Juliet, TN

SS-16-30 L1208413-25 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 11:50 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:24	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:47	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 11:50	04/16/20 02:18	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 15:14	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 11:07	SHG	Mt. Juliet, TN

SS-16-35 L1208413-26 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 12:00 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:03	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:50	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461183	1	04/13/20 12:00	04/16/20 02:37	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 15:28	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 11:27	SHG	Mt. Juliet, TN

SS-16-40 L1208413-27 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 12:10 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:26	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:52	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 12:10	04/15/20 21:01	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 15:42	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 11:48	SHG	Mt. Juliet, TN

SS-17-S L1208413-28 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:00 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:29	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:55	EL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/20/20 00:17	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1.05	04/13/20 13:00	04/15/20 21:20	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 15:56	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462386	1	04/17/20 15:33	04/18/20 12:09	SHG	Mt. Juliet, TN

SS-17-5 L1208413-29 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:15 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:31	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462040	1	04/17/20 13:56	04/18/20 21:58	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:15	04/15/20 21:39	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 16:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 08:38	SHG	Mt. Juliet, TN

SS-17-10 L1208413-30 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:20 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:33	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 11:53	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:20	04/15/20 21:58	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 16:25	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 09:01	SHG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-17-15 L1208413-31 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:25 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:36	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 11:55	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:25	04/15/20 22:17	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 16:39	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 09:23	SHG	Mt. Juliet, TN

SS-17-20 L1208413-32 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:30 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:38	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 11:58	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:30	04/15/20 22:36	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 16:53	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 09:45	SHG	Mt. Juliet, TN

SS-17-25 L1208413-33 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:35 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:45	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:06	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:35	04/15/20 22:55	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462377	1	04/17/20 23:56	04/18/20 17:07	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 10:07	SHG	Mt. Juliet, TN

SS-17-30 L1208413-34 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:40 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:48	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:09	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:40	04/15/20 23:14	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 18:32	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 10:29	SHG	Mt. Juliet, TN

SS-17-35 L1208413-35 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:50 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:50	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:12	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:50	04/15/20 23:33	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 19:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 10:51	SHG	Mt. Juliet, TN

SS-17-40 L1208413-36 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 13:55 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:52	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:15	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 13:55	04/15/20 23:52	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 19:29	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 11:14	SHG	Mt. Juliet, TN

SS-18-S L1208413-37 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:20 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:55	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:18	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1.06	04/13/20 14:20	04/16/20 00:11	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 19:43	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 16:24	SHG	Mt. Juliet, TN

SS-18-5 L1208413-38 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:25 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:57	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:21	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 14:25	04/16/20 00:30	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 19:57	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 12:20	SHG	Mt. Juliet, TN

SS-18-10 L1208413-39 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:30 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 11:59	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:24	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 14:30	04/16/20 00:49	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 20:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 12:42	SHG	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	10	04/17/20 21:00	04/18/20 16:46	SHG	Mt. Juliet, TN

SS-18-15 L1208413-40 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:40 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462117	1	04/17/20 07:15	04/20/20 12:02	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:26	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 14:40	04/16/20 01:08	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 20:25	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 13:05	SHG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-18-20 L1208413-41 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:45 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462125	1	04/17/20 07:25	04/20/20 12:21	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:29	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 14:45	04/16/20 01:27	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 20:39	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 13:27	SHG	Mt. Juliet, TN

SS-18-20-DUP L1208413-42 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:45 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462125	1	04/17/20 07:25	04/20/20 12:23	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 11:39	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 14:45	04/16/20 01:46	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 20:54	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 13:49	SHG	Mt. Juliet, TN

SS-18-25 L1208413-43 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 14:55 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462125	1	04/17/20 07:25	04/20/20 12:25	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:32	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 14:55	04/16/20 02:05	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 21:08	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 14:11	SHG	Mt. Juliet, TN

SS-18-30 L1208413-44 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 15:00 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462125	1	04/17/20 07:25	04/20/20 12:14	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:40	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 15:00	04/16/20 02:25	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 21:22	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 14:34	SHG	Mt. Juliet, TN

SS-18-35 L1208413-45 Solid

Collected by: B. Li-Vidal | Collected date/time: 04/13/20 15:05 | Received date/time: 04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462125	1	04/17/20 07:25	04/20/20 12:28	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:43	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 15:05	04/16/20 02:44	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 21:36	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 14:56	SHG	Mt. Juliet, TN

SS-18-40 L1208413-46 Solid

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 15:15	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1462125	1	04/17/20 07:25	04/20/20 12:30	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462062	1	04/17/20 11:59	04/18/20 12:46	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461274	1	04/13/20 15:15	04/16/20 03:03	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462541	1	04/17/20 23:57	04/18/20 21:50	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462387	1	04/17/20 21:00	04/18/20 15:18	SHG	Mt. Juliet, TN

EB-6 L1208413-47 GW

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/13/20 15:25	04/14/20 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1460614	1	04/14/20 21:26	04/15/20 08:36	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1460727	1	04/15/20 19:56	04/16/20 17:09	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1460660	1	04/14/20 22:14	04/14/20 22:14	ACG	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462068	1	04/17/20 11:10	04/17/20 17:27	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1461008	1	04/15/20 15:58	04/15/20 22:43	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:25	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.68		2.00	1	04/18/2020 17:56	WG1462037
Barium	138		0.500	1	04/18/2020 17:56	WG1462037
Cadmium	ND		0.500	1	04/18/2020 17:56	WG1462037
Chromium	5.92		1.00	1	04/18/2020 17:56	WG1462037
Lead	29.2		0.500	1	04/18/2020 17:56	WG1462037
Selenium	ND		2.00	1	04/18/2020 17:56	WG1462037
Silver	ND		1.00	1	04/18/2020 17:56	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.30	1.04	04/15/2020 18:10	WG1460993
Acrylonitrile	ND		0.325	1.04	04/15/2020 18:10	WG1460993
Benzene	ND		0.0260	1.04	04/15/2020 18:10	WG1460993
Bromobenzene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
Bromodichloromethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Bromoform	ND		0.650	1.04	04/15/2020 18:10	WG1460993
Bromomethane	ND		0.325	1.04	04/15/2020 18:10	WG1460993
1,3-Butadiene	ND		0.650	1.04	04/15/2020 18:10	WG1460993
n-Butylbenzene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
sec-Butylbenzene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
tert-Butylbenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Carbon disulfide	ND		0.325	1.04	04/15/2020 18:10	WG1460993
Carbon tetrachloride	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Chlorobenzene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Chlorodibromomethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Chloroethane	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Chloroform	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Chloromethane	ND		0.325	1.04	04/15/2020 18:10	WG1460993
2-Chlorotoluene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
4-Chlorotoluene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Cyclohexane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.650	1.04	04/15/2020 18:10	WG1460993
1,2-Dibromoethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Dibromomethane	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,2-Dichlorobenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,3-Dichlorobenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,4-Dichlorobenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Dichlorodifluoromethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,1-Dichloroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,2-Dichloroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,1-Dichloroethene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
cis-1,2-Dichloroethene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
trans-1,2-Dichloroethene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,2-Dichloropropane	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,1-Dichloropropene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,3-Dichloropropane	ND		0.130	1.04	04/15/2020 18:10	WG1460993
cis-1,3-Dichloropropene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
trans-1,3-Dichloropropene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
2,2-Dichloropropane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
Di-isopropyl ether	ND		0.0260	1.04	04/15/2020 18:10	WG1460993
Ethylbenzene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
4-Ethyltoluene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Hexachloro-1,3-butadiene	ND		0.650	1.04	04/15/2020 18:10	WG1460993
n-Hexane	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Isopropylbenzene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
p-Isopropyltoluene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
2-Butanone (MEK)	ND		2.60	1.04	04/15/2020 18:10	WG1460993
Methylene Chloride	ND		0.650	1.04	04/15/2020 18:10	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.650	1.04	04/15/2020 18:10	WG1460993
Methyl tert-butyl ether	ND		0.0260	1.04	04/15/2020 18:10	WG1460993
Methyl Cyclohexane	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Naphthalene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
Propene	ND		1.30	1.04	04/15/2020 18:10	WG1460993
n-Propylbenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Styrene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Tetrachloroethene	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Toluene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,2,3-Trichlorobenzene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
1,2,4-Trichlorobenzene	ND		0.325	1.04	04/15/2020 18:10	WG1460993
1,1,1-Trichloroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,1,2-Trichloroethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Trichloroethene	ND		0.0260	1.04	04/15/2020 18:10	WG1460993
Trichlorofluoromethane	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
1,2,3-Trichloropropane	ND		0.325	1.04	04/15/2020 18:10	WG1460993
1,2,4-Trimethylbenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,2,3-Trimethylbenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
1,3,5-Trimethylbenzene	ND		0.130	1.04	04/15/2020 18:10	WG1460993
Vinyl chloride	ND		0.0650	1.04	04/15/2020 18:10	WG1460993
Xylenes, Total	ND		0.169	1.04	04/15/2020 18:10	WG1460993
(S) Toluene-d8	*112*		*75.0-131*		*04/15/2020 18:10*	WG1460993
(S) 4-Bromofluorobenzene	*87.1*		*67.0-138*		*04/15/2020 18:10*	WG1460993
(S) 1,2-Dichloroethane-d4	*84.9*		*70.0-130*		*04/15/2020 18:10*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 17:06	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 17:06	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 17:06	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 17:06	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 17:06	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 17:06	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 17:06	WG1461949
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/19/2020 17:06*	WG1461949
(S) Tetrachloro-m-xylene	*102*		*10.0-139*		*04/19/2020 17:06*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 04:21	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 04:21	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 04:21	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 04:21	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 04:21	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 04:21	WG1461951
(S) p-Terphenyl-d14	*97.3*		*23.0-120*		*04/17/2020 04:21*	WG1461951
(S) Nitrobenzene-d5	*111*		*14.0-149*		*04/17/2020 04:21*	WG1461951
(S) 2-Fluorobiphenyl	*90.1*		*34.0-125*		*04/17/2020 04:21*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:27	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.23		2.00	1	04/18/2020 17:59	WG1462037
Barium	147		0.500	1	04/18/2020 17:59	WG1462037
Cadmium	ND		0.500	1	04/18/2020 17:59	WG1462037
Chromium	11.8		1.00	1	04/18/2020 17:59	WG1462037
Lead	20.1		0.500	1	04/18/2020 17:59	WG1462037
Selenium	ND		2.00	1	04/18/2020 17:59	WG1462037
Silver	ND		1.00	1	04/18/2020 17:59	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 18:28	WG1460993
Acrylonitrile	ND		0.313	1	04/15/2020 18:28	WG1460993
Benzene	ND		0.0250	1	04/15/2020 18:28	WG1460993
Bromobenzene	ND		0.313	1	04/15/2020 18:28	WG1460993
Bromodichloromethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
Bromoform	ND		0.625	1	04/15/2020 18:28	WG1460993
Bromomethane	ND		0.313	1	04/15/2020 18:28	WG1460993
1,3-Butadiene	ND		0.625	1	04/15/2020 18:28	WG1460993
n-Butylbenzene	ND		0.313	1	04/15/2020 18:28	WG1460993
sec-Butylbenzene	ND		0.313	1	04/15/2020 18:28	WG1460993
tert-Butylbenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
Carbon disulfide	ND		0.313	1	04/15/2020 18:28	WG1460993
Carbon tetrachloride	ND		0.125	1	04/15/2020 18:28	WG1460993
Chlorobenzene	ND		0.0625	1	04/15/2020 18:28	WG1460993
Chlorodibromomethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
Chloroethane	ND		0.125	1	04/15/2020 18:28	WG1460993
Chloroform	ND		0.0625	1	04/15/2020 18:28	WG1460993
Chloromethane	ND		0.313	1	04/15/2020 18:28	WG1460993
2-Chlorotoluene	ND		0.0625	1	04/15/2020 18:28	WG1460993
4-Chlorotoluene	ND		0.125	1	04/15/2020 18:28	WG1460993
Cyclohexane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 18:28	WG1460993
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
Dibromomethane	ND		0.125	1	04/15/2020 18:28	WG1460993
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 18:28	WG1460993
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 18:28	WG1460993
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 18:28	WG1460993
1,2-Dichloropropane	ND		0.125	1	04/15/2020 18:28	WG1460993
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,3-Dichloropropane	ND		0.125	1	04/15/2020 18:28	WG1460993
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 18:28	WG1460993
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 18:28	WG1460993
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 18:28	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 18:28	WG1460993
Di-isopropyl ether	ND		0.0250	1	04/15/2020 18:28	WG1460993
Ethylbenzene	ND		0.0625	1	04/15/2020 18:28	WG1460993
4-Ethyltoluene	ND		0.125	1	04/15/2020 18:28	WG1460993
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 18:28	WG1460993
n-Hexane	ND		0.125	1	04/15/2020 18:28	WG1460993
Isopropylbenzene	ND		0.0625	1	04/15/2020 18:28	WG1460993
p-Isopropyltoluene	ND		0.125	1	04/15/2020 18:28	WG1460993
2-Butanone (MEK)	ND		2.50	1	04/15/2020 18:28	WG1460993
Methylene Chloride	ND		0.625	1	04/15/2020 18:28	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 18:28	WG1460993
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 18:28	WG1460993
Methyl Cyclohexane	ND		0.125	1	04/15/2020 18:28	WG1460993
Naphthalene	ND		0.313	1	04/15/2020 18:28	WG1460993
Propene	ND		1.25	1	04/15/2020 18:28	WG1460993
n-Propylbenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
Styrene	ND		0.313	1	04/15/2020 18:28	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
Tetrachloroethene	ND		0.0625	1	04/15/2020 18:28	WG1460993
Toluene	ND		0.125	1	04/15/2020 18:28	WG1460993
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 18:28	WG1460993
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 18:28	WG1460993
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
Trichloroethene	ND		0.0250	1	04/15/2020 18:28	WG1460993
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 18:28	WG1460993
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 18:28	WG1460993
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 18:28	WG1460993
Vinyl chloride	ND		0.0625	1	04/15/2020 18:28	WG1460993
Xylenes, Total	ND		0.163	1	04/15/2020 18:28	WG1460993
(S) Toluene-d8	*114*		*75.0-131*		*04/15/2020 18:28*	WG1460993
(S) 4-Bromofluorobenzene	*90.6*		*67.0-138*		*04/15/2020 18:28*	WG1460993
(S) 1,2-Dichloroethane-d4	*85.9*		*70.0-130*		*04/15/2020 18:28*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 17:20	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 17:20	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 17:20	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 17:20	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 17:20	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 17:20	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 17:20	WG1461949
(S) Decachlorobiphenyl	*109*		*10.0-135*		*04/19/2020 17:20*	WG1461949
(S) Tetrachloro-m-xylene	*89.2*		*10.0-139*		*04/19/2020 17:20*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 04:43	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 04:43	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 04:43	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 04:43	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 04:43	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 04:43	WG1461951
(S) p-Terphenyl-d14	*85.7*		*23.0-120*		*04/17/2020 04:43*	WG1461951
(S) Nitrobenzene-d5	*94.6*		*14.0-149*		*04/17/2020 04:43*	WG1461951
(S) 2-Fluorobiphenyl	*76.6*		*34.0-125*		*04/17/2020 04:43*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:29	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.24		2.00	1	04/18/2020 18:02	WG1462037
Barium	105		0.500	1	04/18/2020 18:02	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:02	WG1462037
Chromium	10.5		1.00	1	04/18/2020 18:02	WG1462037
Lead	14.2		0.500	1	04/18/2020 18:02	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:02	WG1462037
Silver	ND		1.00	1	04/18/2020 18:02	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 18:47	WG1460993
Acrylonitrile	ND		0.313	1	04/15/2020 18:47	WG1460993
Benzene	ND		0.0250	1	04/15/2020 18:47	WG1460993
Bromobenzene	ND		0.313	1	04/15/2020 18:47	WG1460993
Bromodichloromethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
Bromoform	ND		0.625	1	04/15/2020 18:47	WG1460993
Bromomethane	ND		0.313	1	04/15/2020 18:47	WG1460993
1,3-Butadiene	ND		0.625	1	04/15/2020 18:47	WG1460993
n-Butylbenzene	ND		0.313	1	04/15/2020 18:47	WG1460993
sec-Butylbenzene	ND		0.313	1	04/15/2020 18:47	WG1460993
tert-Butylbenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
Carbon disulfide	ND		0.313	1	04/15/2020 18:47	WG1460993
Carbon tetrachloride	ND		0.125	1	04/15/2020 18:47	WG1460993
Chlorobenzene	ND		0.0625	1	04/15/2020 18:47	WG1460993
Chlorodibromomethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
Chloroethane	ND		0.125	1	04/15/2020 18:47	WG1460993
Chloroform	ND		0.0625	1	04/15/2020 18:47	WG1460993
Chloromethane	ND		0.313	1	04/15/2020 18:47	WG1460993
2-Chlorotoluene	ND		0.0625	1	04/15/2020 18:47	WG1460993
4-Chlorotoluene	ND		0.125	1	04/15/2020 18:47	WG1460993
Cyclohexane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 18:47	WG1460993
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
Dibromomethane	ND		0.125	1	04/15/2020 18:47	WG1460993
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 18:47	WG1460993
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 18:47	WG1460993
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 18:47	WG1460993
1,2-Dichloropropane	ND		0.125	1	04/15/2020 18:47	WG1460993
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,3-Dichloropropane	ND		0.125	1	04/15/2020 18:47	WG1460993
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 18:47	WG1460993
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 18:47	WG1460993
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 18:47	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 18:47	WG1460993
Di-isopropyl ether	ND		0.0250	1	04/15/2020 18:47	WG1460993
Ethylbenzene	ND		0.0625	1	04/15/2020 18:47	WG1460993
4-Ethyltoluene	ND		0.125	1	04/15/2020 18:47	WG1460993
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 18:47	WG1460993
n-Hexane	ND		0.125	1	04/15/2020 18:47	WG1460993
Isopropylbenzene	ND		0.0625	1	04/15/2020 18:47	WG1460993
p-Isopropyltoluene	ND		0.125	1	04/15/2020 18:47	WG1460993
2-Butanone (MEK)	ND		2.50	1	04/15/2020 18:47	WG1460993
Methylene Chloride	ND		0.625	1	04/15/2020 18:47	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 18:47	WG1460993
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 18:47	WG1460993
Methyl Cyclohexane	ND		0.125	1	04/15/2020 18:47	WG1460993
Naphthalene	ND		0.313	1	04/15/2020 18:47	WG1460993
Propene	ND		1.25	1	04/15/2020 18:47	WG1460993
n-Propylbenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
Styrene	ND		0.313	1	04/15/2020 18:47	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
Tetrachloroethene	ND		0.0625	1	04/15/2020 18:47	WG1460993
Toluene	ND		0.125	1	04/15/2020 18:47	WG1460993
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 18:47	WG1460993
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 18:47	WG1460993
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
Trichloroethene	ND		0.0250	1	04/15/2020 18:47	WG1460993
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 18:47	WG1460993
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 18:47	WG1460993
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 18:47	WG1460993
Vinyl chloride	ND		0.0625	1	04/15/2020 18:47	WG1460993
Xylenes, Total	ND		0.163	1	04/15/2020 18:47	WG1460993
(S) Toluene-d8	*112*		*75.0-131*		*04/15/2020 18:47*	WG1460993
(S) 4-Bromofluorobenzene	*88.6*		*67.0-138*		*04/15/2020 18:47*	WG1460993
(S) 1,2-Dichloroethane-d4	*85.2*		*70.0-130*		*04/15/2020 18:47*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 17:34	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 17:34	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 17:34	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 17:34	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 17:34	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 17:34	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 17:34	WG1461949
(S) Decachlorobiphenyl	*107*		*10.0-135*		*04/19/2020 17:34*	WG1461949
(S) Tetrachloro-m-xylene	*94.4*		*10.0-139*		*04/19/2020 17:34*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 05:05	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 05:05	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 05:05	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 05:05	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 05:05	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 05:05	WG1461951
(S) p-Terphenyl-d14	*83.3*		*23.0-120*		*04/17/2020 05:05*	WG1461951
(S) Nitrobenzene-d5	*92.6*		*14.0-149*		*04/17/2020 05:05*	WG1461951
(S) 2-Fluorobiphenyl	*75.9*		*34.0-125*		*04/17/2020 05:05*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:32	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.86		2.00	1	04/18/2020 18:10	WG1462037
Barium	29.8		0.500	1	04/18/2020 18:10	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:10	WG1462037
Chromium	6.31		1.00	1	04/18/2020 18:10	WG1462037
Lead	6.69		0.500	1	04/18/2020 18:10	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:10	WG1462037
Silver	ND		1.00	1	04/18/2020 18:10	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 19:06	WG1460993
Acrylonitrile	ND		0.313	1	04/15/2020 19:06	WG1460993
Benzene	ND		0.0250	1	04/15/2020 19:06	WG1460993
Bromobenzene	ND		0.313	1	04/15/2020 19:06	WG1460993
Bromodichloromethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
Bromoform	ND		0.625	1	04/15/2020 19:06	WG1460993
Bromomethane	ND		0.313	1	04/15/2020 19:06	WG1460993
1,3-Butadiene	ND		0.625	1	04/15/2020 19:06	WG1460993
n-Butylbenzene	ND		0.313	1	04/15/2020 19:06	WG1460993
sec-Butylbenzene	ND		0.313	1	04/15/2020 19:06	WG1460993
tert-Butylbenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
Carbon disulfide	ND		0.313	1	04/15/2020 19:06	WG1460993
Carbon tetrachloride	ND		0.125	1	04/15/2020 19:06	WG1460993
Chlorobenzene	ND		0.0625	1	04/15/2020 19:06	WG1460993
Chlorodibromomethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
Chloroethane	ND		0.125	1	04/15/2020 19:06	WG1460993
Chloroform	ND		0.0625	1	04/15/2020 19:06	WG1460993
Chloromethane	ND		0.313	1	04/15/2020 19:06	WG1460993
2-Chlorotoluene	ND		0.0625	1	04/15/2020 19:06	WG1460993
4-Chlorotoluene	ND		0.125	1	04/15/2020 19:06	WG1460993
Cyclohexane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 19:06	WG1460993
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
Dibromomethane	ND		0.125	1	04/15/2020 19:06	WG1460993
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 19:06	WG1460993
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 19:06	WG1460993
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 19:06	WG1460993
1,2-Dichloropropane	ND		0.125	1	04/15/2020 19:06	WG1460993
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,3-Dichloropropane	ND		0.125	1	04/15/2020 19:06	WG1460993
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 19:06	WG1460993
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 19:06	WG1460993
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 19:06	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 19:06	WG1460993
Di-isopropyl ether	ND		0.0250	1	04/15/2020 19:06	WG1460993
Ethylbenzene	ND		0.0625	1	04/15/2020 19:06	WG1460993
4-Ethyltoluene	ND		0.125	1	04/15/2020 19:06	WG1460993
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 19:06	WG1460993
n-Hexane	ND		0.125	1	04/15/2020 19:06	WG1460993
Isopropylbenzene	ND		0.0625	1	04/15/2020 19:06	WG1460993
p-Isopropyltoluene	ND		0.125	1	04/15/2020 19:06	WG1460993
2-Butanone (MEK)	ND		2.50	1	04/15/2020 19:06	WG1460993
Methylene Chloride	ND		0.625	1	04/15/2020 19:06	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 19:06	WG1460993
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 19:06	WG1460993
Methyl Cyclohexane	ND		0.125	1	04/15/2020 19:06	WG1460993
Naphthalene	ND		0.313	1	04/15/2020 19:06	WG1460993
Propene	ND		1.25	1	04/15/2020 19:06	WG1460993
n-Propylbenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
Styrene	ND		0.313	1	04/15/2020 19:06	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
Tetrachloroethene	ND		0.0625	1	04/15/2020 19:06	WG1460993
Toluene	ND		0.125	1	04/15/2020 19:06	WG1460993
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 19:06	WG1460993
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 19:06	WG1460993
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
Trichloroethene	ND		0.0250	1	04/15/2020 19:06	WG1460993
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 19:06	WG1460993
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 19:06	WG1460993
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 19:06	WG1460993
Vinyl chloride	ND		0.0625	1	04/15/2020 19:06	WG1460993
Xylenes, Total	ND		0.163	1	04/15/2020 19:06	WG1460993
(S) Toluene-d8	*110*		*75.0-131*		*04/15/2020 19:06*	WG1460993
(S) 4-Bromofluorobenzene	*87.3*		*67.0-138*		*04/15/2020 19:06*	WG1460993
(S) 1,2-Dichloroethane-d4	*86.7*		*70.0-130*		*04/15/2020 19:06*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 17:48	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 17:48	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 17:48	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 17:48	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 17:48	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 17:48	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 17:48	WG1461949
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/19/2020 17:48*	WG1461949
(S) Tetrachloro-m-xylene	*93.3*		*10.0-139*		*04/19/2020 17:48*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 06:12	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 06:12	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 06:12	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 06:12	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 06:12	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 06:12	WG1461951
(S) p-Terphenyl-d14	*99.6*		*23.0-120*		*04/17/2020 06:12*	WG1461951
(S) Nitrobenzene-d5	*109*		*14.0-149*		*04/17/2020 06:12*	WG1461951
(S) 2-Fluorobiphenyl	*88.6*		*34.0-125*		*04/17/2020 06:12*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:17	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.56		2.00	1	04/18/2020 18:13	WG1462037
Barium	49.3		0.500	1	04/18/2020 18:13	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:13	WG1462037
Chromium	4.79		1.00	1	04/18/2020 18:13	WG1462037
Lead	7.37		0.500	1	04/18/2020 18:13	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:13	WG1462037
Silver	ND		1.00	1	04/18/2020 18:13	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 19:25	WG1460993
Acrylonitrile	ND		0.313	1	04/15/2020 19:25	WG1460993
Benzene	ND		0.0250	1	04/15/2020 19:25	WG1460993
Bromobenzene	ND		0.313	1	04/15/2020 19:25	WG1460993
Bromodichloromethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
Bromoform	ND		0.625	1	04/15/2020 19:25	WG1460993
Bromomethane	ND		0.313	1	04/15/2020 19:25	WG1460993
1,3-Butadiene	ND		0.625	1	04/15/2020 19:25	WG1460993
n-Butylbenzene	ND		0.313	1	04/15/2020 19:25	WG1460993
sec-Butylbenzene	ND		0.313	1	04/15/2020 19:25	WG1460993
tert-Butylbenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
Carbon disulfide	ND		0.313	1	04/15/2020 19:25	WG1460993
Carbon tetrachloride	ND		0.125	1	04/15/2020 19:25	WG1460993
Chlorobenzene	ND		0.0625	1	04/15/2020 19:25	WG1460993
Chlorodibromomethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
Chloroethane	ND		0.125	1	04/15/2020 19:25	WG1460993
Chloroform	ND		0.0625	1	04/15/2020 19:25	WG1460993
Chloromethane	ND		0.313	1	04/15/2020 19:25	WG1460993
2-Chlorotoluene	ND		0.0625	1	04/15/2020 19:25	WG1460993
4-Chlorotoluene	ND		0.125	1	04/15/2020 19:25	WG1460993
Cyclohexane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 19:25	WG1460993
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
Dibromomethane	ND		0.125	1	04/15/2020 19:25	WG1460993
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 19:25	WG1460993
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 19:25	WG1460993
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 19:25	WG1460993
1,2-Dichloropropane	ND		0.125	1	04/15/2020 19:25	WG1460993
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,3-Dichloropropane	ND		0.125	1	04/15/2020 19:25	WG1460993
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 19:25	WG1460993
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 19:25	WG1460993
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 19:25	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 19:25	WG1460993
Di-isopropyl ether	ND		0.0250	1	04/15/2020 19:25	WG1460993
Ethylbenzene	ND		0.0625	1	04/15/2020 19:25	WG1460993
4-Ethyltoluene	ND		0.125	1	04/15/2020 19:25	WG1460993
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 19:25	WG1460993
n-Hexane	ND		0.125	1	04/15/2020 19:25	WG1460993
Isopropylbenzene	ND		0.0625	1	04/15/2020 19:25	WG1460993
p-Isopropyltoluene	ND		0.125	1	04/15/2020 19:25	WG1460993
2-Butanone (MEK)	ND		2.50	1	04/15/2020 19:25	WG1460993
Methylene Chloride	ND		0.625	1	04/15/2020 19:25	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 19:25	WG1460993
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 19:25	WG1460993
Methyl Cyclohexane	ND		0.125	1	04/15/2020 19:25	WG1460993
Naphthalene	ND		0.313	1	04/15/2020 19:25	WG1460993
Propene	ND		1.25	1	04/15/2020 19:25	WG1460993
n-Propylbenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
Styrene	ND		0.313	1	04/15/2020 19:25	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
Tetrachloroethene	ND		0.0625	1	04/15/2020 19:25	WG1460993
Toluene	ND		0.125	1	04/15/2020 19:25	WG1460993
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 19:25	WG1460993
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 19:25	WG1460993
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
Trichloroethene	ND		0.0250	1	04/15/2020 19:25	WG1460993
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 19:25	WG1460993
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 19:25	WG1460993
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 19:25	WG1460993
Vinyl chloride	ND		0.0625	1	04/15/2020 19:25	WG1460993
Xylenes, Total	ND		0.163	1	04/15/2020 19:25	WG1460993
(S) Toluene-d8	*113*		*75.0-131*		*04/15/2020 19:25*	WG1460993
(S) 4-Bromofluorobenzene	*90.0*		*67.0-138*		*04/15/2020 19:25*	WG1460993
(S) 1,2-Dichloroethane-d4	*85.7*		*70.0-130*		*04/15/2020 19:25*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 18:02	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 18:02	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 18:02	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 18:02	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 18:02	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 18:02	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 18:02	WG1461949
(S) Decachlorobiphenyl	*116*		*10.0-135*		*04/19/2020 18:02*	WG1461949
(S) Tetrachloro-m-xylene	*101*		*10.0-139*		*04/19/2020 18:02*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 06:34	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 06:34	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 06:34	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 06:34	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 06:34	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 06:34	WG1461951
(S) p-Terphenyl-d14	*89.0*		*23.0-120*		*04/17/2020 06:34*	WG1461951
(S) Nitrobenzene-d5	*99.3*		*14.0-149*		*04/17/2020 06:34*	WG1461951
(S) 2-Fluorobiphenyl	*79.3*		*34.0-125*		*04/17/2020 06:34*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:39	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.95		2.00	1	04/18/2020 18:15	WG1462037
Barium	53.3		0.500	1	04/18/2020 18:15	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:15	WG1462037
Chromium	3.93		1.00	1	04/18/2020 18:15	WG1462037
Lead	6.85		0.500	1	04/18/2020 18:15	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:15	WG1462037
Silver	ND		1.00	1	04/18/2020 18:15	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 19:44	WG1460993
Acrylonitrile	ND		0.313	1	04/15/2020 19:44	WG1460993
Benzene	ND		0.0250	1	04/15/2020 19:44	WG1460993
Bromobenzene	ND		0.313	1	04/15/2020 19:44	WG1460993
Bromodichloromethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
Bromoform	ND		0.625	1	04/15/2020 19:44	WG1460993
Bromomethane	ND		0.313	1	04/15/2020 19:44	WG1460993
1,3-Butadiene	ND		0.625	1	04/15/2020 19:44	WG1460993
n-Butylbenzene	ND		0.313	1	04/15/2020 19:44	WG1460993
sec-Butylbenzene	ND		0.313	1	04/15/2020 19:44	WG1460993
tert-Butylbenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
Carbon disulfide	ND		0.313	1	04/15/2020 19:44	WG1460993
Carbon tetrachloride	ND		0.125	1	04/15/2020 19:44	WG1460993
Chlorobenzene	ND		0.0625	1	04/15/2020 19:44	WG1460993
Chlorodibromomethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
Chloroethane	ND		0.125	1	04/15/2020 19:44	WG1460993
Chloroform	ND		0.0625	1	04/15/2020 19:44	WG1460993
Chloromethane	ND		0.313	1	04/15/2020 19:44	WG1460993
2-Chlorotoluene	ND		0.0625	1	04/15/2020 19:44	WG1460993
4-Chlorotoluene	ND		0.125	1	04/15/2020 19:44	WG1460993
Cyclohexane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 19:44	WG1460993
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
Dibromomethane	ND		0.125	1	04/15/2020 19:44	WG1460993
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 19:44	WG1460993
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 19:44	WG1460993
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 19:44	WG1460993
1,2-Dichloropropane	ND		0.125	1	04/15/2020 19:44	WG1460993
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,3-Dichloropropane	ND		0.125	1	04/15/2020 19:44	WG1460993
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 19:44	WG1460993
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 19:44	WG1460993
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 19:44	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 19:44	WG1460993
Di-isopropyl ether	ND		0.0250	1	04/15/2020 19:44	WG1460993
Ethylbenzene	ND		0.0625	1	04/15/2020 19:44	WG1460993
4-Ethyltoluene	ND		0.125	1	04/15/2020 19:44	WG1460993
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 19:44	WG1460993
n-Hexane	ND		0.125	1	04/15/2020 19:44	WG1460993
Isopropylbenzene	ND		0.0625	1	04/15/2020 19:44	WG1460993
p-Isopropyltoluene	ND		0.125	1	04/15/2020 19:44	WG1460993
2-Butanone (MEK)	ND		2.50	1	04/15/2020 19:44	WG1460993
Methylene Chloride	ND		0.625	1	04/15/2020 19:44	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 19:44	WG1460993
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 19:44	WG1460993
Methyl Cyclohexane	ND		0.125	1	04/15/2020 19:44	WG1460993
Naphthalene	ND		0.313	1	04/15/2020 19:44	WG1460993
Propene	ND		1.25	1	04/15/2020 19:44	WG1460993
n-Propylbenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
Styrene	ND		0.313	1	04/15/2020 19:44	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
Tetrachloroethene	ND		0.0625	1	04/15/2020 19:44	WG1460993
Toluene	ND		0.125	1	04/15/2020 19:44	WG1460993
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 19:44	WG1460993
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 19:44	WG1460993
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
Trichloroethene	ND		0.0250	1	04/15/2020 19:44	WG1460993
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 19:44	WG1460993
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 19:44	WG1460993
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 19:44	WG1460993
Vinyl chloride	ND		0.0625	1	04/15/2020 19:44	WG1460993
Xylenes, Total	ND		0.163	1	04/15/2020 19:44	WG1460993
(S) Toluene-d8	*112*		*75.0-131*		*04/15/2020 19:44*	WG1460993
(S) 4-Bromofluorobenzene	*89.1*		*67.0-138*		*04/15/2020 19:44*	WG1460993
(S) 1,2-Dichloroethane-d4	*87.9*		*70.0-130*		*04/15/2020 19:44*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 18:17	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 18:17	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 18:17	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 18:17	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 18:17	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 18:17	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 18:17	WG1461949
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/19/2020 18:17*	WG1461949
(S) Tetrachloro-m-xylene	*100*		*10.0-139*		*04/19/2020 18:17*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 06:56	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 06:56	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 06:56	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 06:56	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 06:56	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 06:56	WG1461951
(S) p-Terphenyl-d14	*100*		*23.0-120*		*04/17/2020 06:56*	WG1461951
(S) Nitrobenzene-d5	*106*		*14.0-149*		*04/17/2020 06:56*	WG1461951
(S) 2-Fluorobiphenyl	*88.5*		*34.0-125*		*04/17/2020 06:56*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:41	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.50		2.00	1	04/18/2020 18:18	WG1462037
Barium	57.6		0.500	1	04/18/2020 18:18	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:18	WG1462037
Chromium	14.1		1.00	1	04/18/2020 18:18	WG1462037
Lead	8.46		0.500	1	04/18/2020 18:18	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:18	WG1462037
Silver	ND		1.00	1	04/18/2020 18:18	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 20:03	WG1460993
Acrylonitrile	ND		0.313	1	04/15/2020 20:03	WG1460993
Benzene	ND		0.0250	1	04/15/2020 20:03	WG1460993
Bromobenzene	ND		0.313	1	04/15/2020 20:03	WG1460993
Bromodichloromethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
Bromoform	ND		0.625	1	04/15/2020 20:03	WG1460993
Bromomethane	ND		0.313	1	04/15/2020 20:03	WG1460993
1,3-Butadiene	ND		0.625	1	04/15/2020 20:03	WG1460993
n-Butylbenzene	ND		0.313	1	04/15/2020 20:03	WG1460993
sec-Butylbenzene	ND		0.313	1	04/15/2020 20:03	WG1460993
tert-Butylbenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
Carbon disulfide	ND		0.313	1	04/15/2020 20:03	WG1460993
Carbon tetrachloride	ND		0.125	1	04/15/2020 20:03	WG1460993
Chlorobenzene	ND		0.0625	1	04/15/2020 20:03	WG1460993
Chlorodibromomethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
Chloroethane	ND		0.125	1	04/15/2020 20:03	WG1460993
Chloroform	ND		0.0625	1	04/15/2020 20:03	WG1460993
Chloromethane	ND		0.313	1	04/15/2020 20:03	WG1460993
2-Chlorotoluene	ND		0.0625	1	04/15/2020 20:03	WG1460993
4-Chlorotoluene	ND		0.125	1	04/15/2020 20:03	WG1460993
Cyclohexane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 20:03	WG1460993
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
Dibromomethane	ND		0.125	1	04/15/2020 20:03	WG1460993
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 20:03	WG1460993
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 20:03	WG1460993
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 20:03	WG1460993
1,2-Dichloropropane	ND		0.125	1	04/15/2020 20:03	WG1460993
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,3-Dichloropropane	ND		0.125	1	04/15/2020 20:03	WG1460993
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 20:03	WG1460993
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 20:03	WG1460993
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 20:03	WG1460993

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 20:03	WG1460993
Di-isopropyl ether	ND		0.0250	1	04/15/2020 20:03	WG1460993
Ethylbenzene	ND		0.0625	1	04/15/2020 20:03	WG1460993
4-Ethyltoluene	ND		0.125	1	04/15/2020 20:03	WG1460993
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 20:03	WG1460993
n-Hexane	ND		0.125	1	04/15/2020 20:03	WG1460993
Isopropylbenzene	ND		0.0625	1	04/15/2020 20:03	WG1460993
p-Isopropyltoluene	ND		0.125	1	04/15/2020 20:03	WG1460993
2-Butanone (MEK)	ND		2.50	1	04/15/2020 20:03	WG1460993
Methylene Chloride	ND		0.625	1	04/15/2020 20:03	WG1460993
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 20:03	WG1460993
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 20:03	WG1460993
Methyl Cyclohexane	ND		0.125	1	04/15/2020 20:03	WG1460993
Naphthalene	ND		0.313	1	04/15/2020 20:03	WG1460993
Propene	ND		1.25	1	04/15/2020 20:03	WG1460993
n-Propylbenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
Styrene	ND		0.313	1	04/15/2020 20:03	WG1460993
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
Tetrachloroethene	ND		0.0625	1	04/15/2020 20:03	WG1460993
Toluene	ND		0.125	1	04/15/2020 20:03	WG1460993
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 20:03	WG1460993
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 20:03	WG1460993
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
Trichloroethene	ND		0.0250	1	04/15/2020 20:03	WG1460993
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 20:03	WG1460993
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 20:03	WG1460993
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 20:03	WG1460993
Vinyl chloride	ND		0.0625	1	04/15/2020 20:03	WG1460993
Xylenes, Total	ND		0.163	1	04/15/2020 20:03	WG1460993
(S) Toluene-d8	*112*		*75.0-131*		*04/15/2020 20:03*	WG1460993
(S) 4-Bromofluorobenzene	*89.2*		*67.0-138*		*04/15/2020 20:03*	WG1460993
(S) 1,2-Dichloroethane-d4	*88.6*		*70.0-130*		*04/15/2020 20:03*	WG1460993

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 18:31	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 18:31	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 18:31	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 18:31	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 18:31	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 18:31	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 18:31	WG1461949
(S) Decachlorobiphenyl	*121*		*10.0-135*		*04/19/2020 18:31*	WG1461949
(S) Tetrachloro-m-xylene	*106*		*10.0-139*		*04/19/2020 18:31*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 07:18	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 07:18	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 07:18	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 07:18	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 07:18	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 07:18	WG1461951
(S) p-Terphenyl-d14	*105*		*23.0-120*		*04/17/2020 07:18*	WG1461951
(S) Nitrobenzene-d5	*118*		*14.0-149*		*04/17/2020 07:18*	WG1461951
(S) 2-Fluorobiphenyl	*94.6*		*34.0-125*		*04/17/2020 07:18*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:44	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.00		2.00	1	04/18/2020 18:21	WG1462037
Barium	154		0.500	1	04/18/2020 18:21	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:21	WG1462037
Chromium	14.9		1.00	1	04/18/2020 18:21	WG1462037
Lead	21.5		0.500	1	04/18/2020 18:21	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:21	WG1462037
Silver	ND		1.00	1	04/18/2020 18:21	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 20:55	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 20:55	WG1461183
Benzene	ND		0.0250	1	04/15/2020 20:55	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 20:55	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
Bromoform	ND		0.625	1	04/15/2020 20:55	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 20:55	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 20:55	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 20:55	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 20:55	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 20:55	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 20:55	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 20:55	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 20:55	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 20:55	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 20:55	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 20:55	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 20:55	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 20:55	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 20:55	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 20:55	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 20:55	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 20:55	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 20:55	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 20:55	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 20:55	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 20:55	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 20:55	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 20:55	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 20:55	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 20:55	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 20:55	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 20:55	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 20:55	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 20:55	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 20:55	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 20:55	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 20:55	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 20:55	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 20:55	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 20:55	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 20:55	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 20:55	WG1461183
Propene	ND		1.25	1	04/15/2020 20:55	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
Styrene	ND		0.313	1	04/15/2020 20:55	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 20:55	WG1461183
Toluene	ND		0.125	1	04/15/2020 20:55	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 20:55	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 20:55	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 20:55	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 20:55	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 20:55	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 20:55	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 20:55	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 20:55	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 20:55	WG1461183
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 20:55*	WG1461183
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/15/2020 20:55*	WG1461183
(S) 1,2-Dichloroethane-d4	*93.6*		*70.0-130*		*04/15/2020 20:55*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 18:45	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 18:45	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 18:45	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 18:45	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 18:45	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 18:45	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 18:45	WG1461949
(S) Decachlorobiphenyl	*102*		*10.0-135*		*04/19/2020 18:45*	WG1461949
(S) Tetrachloro-m-xylene	*93.9*		*10.0-139*		*04/19/2020 18:45*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 07:40	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 07:40	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 07:40	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 07:40	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 07:40	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 07:40	WG1461951
(S) p-Terphenyl-d14	*73.6*		*23.0-120*		*04/17/2020 07:40*	WG1461951
(S) Nitrobenzene-d5	*107*		*14.0-149*		*04/17/2020 07:40*	WG1461951
(S) 2-Fluorobiphenyl	*62.5*		*34.0-125*		*04/17/2020 07:40*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0553		0.0400	1	04/20/2020 13:46	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.41		2.00	1	04/18/2020 18:24	WG1462037
Barium	106		0.500	1	04/18/2020 18:24	WG1462037
Cadmium	ND		0.500	1	04/18/2020 18:24	WG1462037
Chromium	9.81		1.00	1	04/18/2020 18:24	WG1462037
Lead	26.1		0.500	1	04/18/2020 18:24	WG1462037
Selenium	ND		2.00	1	04/18/2020 18:24	WG1462037
Silver	ND		1.00	1	04/18/2020 18:24	WG1462037

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 21:14	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 21:14	WG1461183
Benzene	ND		0.0250	1	04/15/2020 21:14	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 21:14	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
Bromoform	ND		0.625	1	04/15/2020 21:14	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 21:14	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 21:14	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 21:14	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 21:14	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 21:14	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 21:14	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 21:14	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 21:14	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 21:14	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 21:14	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 21:14	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 21:14	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 21:14	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 21:14	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 21:14	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 21:14	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 21:14	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 21:14	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 21:14	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 21:14	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 21:14	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 21:14	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 21:14	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 21:14	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 21:14	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 21:14	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 21:14	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 21:14	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 21:14	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 21:14	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 21:14	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 21:14	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 21:14	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 21:14	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 21:14	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 21:14	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 21:14	WG1461183
Propene	ND		1.25	1	04/15/2020 21:14	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
Styrene	ND		0.313	1	04/15/2020 21:14	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 21:14	WG1461183
Toluene	ND		0.125	1	04/15/2020 21:14	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 21:14	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 21:14	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 21:14	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 21:14	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 21:14	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 21:14	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 21:14	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 21:14	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 21:14	WG1461183
(S) Toluene-d8	*102*		*75.0-131*		*04/15/2020 21:14*	WG1461183
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/15/2020 21:14*	WG1461183
(S) 1,2-Dichloroethane-d4	*91.9*		*70.0-130*		*04/15/2020 21:14*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 18:59	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 18:59	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 18:59	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 18:59	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 18:59	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 18:59	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 18:59	WG1461949
(S) Decachlorobiphenyl	*103*		*10.0-135*		*04/19/2020 18:59*	WG1461949
(S) Tetrachloro-m-xylene	*89.7*		*10.0-139*		*04/19/2020 18:59*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 08:03	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 08:03	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 08:03	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 08:03	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 08:03	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 08:03	WG1461951
(S) p-Terphenyl-d14	*86.5*		*23.0-120*		*04/17/2020 08:03*	WG1461951
(S) Nitrobenzene-d5	*99.0*		*14.0-149*		*04/17/2020 08:03*	WG1461951
(S) 2-Fluorobiphenyl	*79.1*		*34.0-125*		*04/17/2020 08:03*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:48	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.41		2.00	1	04/18/2020 20:57	WG1462040
Barium	83.5		0.500	1	04/18/2020 20:57	WG1462040
Cadmium	ND		0.500	1	04/18/2020 20:57	WG1462040
Chromium	11.4		1.00	1	04/18/2020 20:57	WG1462040
Lead	14.9		0.500	1	04/18/2020 20:57	WG1462040
Selenium	ND		2.00	1	04/18/2020 20:57	WG1462040
Silver	ND		1.00	1	04/18/2020 20:57	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 21:33	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 21:33	WG1461183
Benzene	ND		0.0250	1	04/15/2020 21:33	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 21:33	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
Bromoform	ND		0.625	1	04/15/2020 21:33	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 21:33	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 21:33	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 21:33	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 21:33	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 21:33	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 21:33	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 21:33	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 21:33	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 21:33	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 21:33	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 21:33	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 21:33	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 21:33	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 21:33	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 21:33	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 21:33	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 21:33	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 21:33	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 21:33	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 21:33	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 21:33	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 21:33	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 21:33	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 21:33	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 21:33	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 21:33	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 21:33	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 21:33	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 21:33	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 21:33	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 21:33	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 21:33	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 21:33	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 21:33	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 21:33	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 21:33	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 21:33	WG1461183
Propene	ND		1.25	1	04/15/2020 21:33	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
Styrene	ND		0.313	1	04/15/2020 21:33	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 21:33	WG1461183
Toluene	ND		0.125	1	04/15/2020 21:33	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 21:33	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 21:33	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 21:33	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 21:33	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 21:33	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 21:33	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 21:33	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 21:33	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 21:33	WG1461183
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 21:33*	WG1461183
(S) 4-Bromofluorobenzene	*99.9*		*67.0-138*		*04/15/2020 21:33*	WG1461183
(S) 1,2-Dichloroethane-d4	*90.4*		*70.0-130*		*04/15/2020 21:33*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 19:13	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 19:13	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 19:13	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 19:13	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 19:13	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 19:13	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 19:13	WG1461949
(S) Decachlorobiphenyl	*89.3*		*10.0-135*		*04/19/2020 19:13*	WG1461949
(S) Tetrachloro-m-xylene	*79.3*		*10.0-139*		*04/19/2020 19:13*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 08:25	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 08:25	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 08:25	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 08:25	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 08:25	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 08:25	WG1461951
(S) p-Terphenyl-d14	*97.8*		*23.0-120*		*04/17/2020 08:25*	WG1461951
(S) Nitrobenzene-d5	*110*		*14.0-149*		*04/17/2020 08:25*	WG1461951
(S) 2-Fluorobiphenyl	*87.8*		*34.0-125*		*04/17/2020 08:25*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:51	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.23		2.00	1	04/18/2020 21:00	WG1462040
Barium	125		0.500	1	04/18/2020 21:00	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:00	WG1462040
Chromium	11.1		1.00	1	04/18/2020 21:00	WG1462040
Lead	16.5		0.500	1	04/18/2020 21:00	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:00	WG1462040
Silver	ND		1.00	1	04/18/2020 21:00	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 21:52	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 21:52	WG1461183
Benzene	ND		0.0250	1	04/15/2020 21:52	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 21:52	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
Bromoform	ND		0.625	1	04/15/2020 21:52	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 21:52	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 21:52	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 21:52	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 21:52	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 21:52	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 21:52	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 21:52	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 21:52	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 21:52	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 21:52	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 21:52	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 21:52	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 21:52	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 21:52	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 21:52	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 21:52	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 21:52	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 21:52	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 21:52	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 21:52	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 21:52	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 21:52	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 21:52	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 21:52	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 21:52	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 21:52	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 21:52	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 21:52	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 21:52	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 21:52	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 21:52	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 21:52	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 21:52	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 21:52	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 21:52	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 21:52	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 21:52	WG1461183
Propene	ND		1.25	1	04/15/2020 21:52	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
Styrene	ND		0.313	1	04/15/2020 21:52	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 21:52	WG1461183
Toluene	ND		0.125	1	04/15/2020 21:52	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 21:52	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 21:52	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 21:52	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 21:52	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 21:52	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 21:52	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 21:52	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 21:52	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 21:52	WG1461183
(S) Toluene-d8	*102*		*75.0-131*		*04/15/2020 21:52*	WG1461183
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/15/2020 21:52*	WG1461183
(S) 1,2-Dichloroethane-d4	*92.9*		*70.0-130*		*04/15/2020 21:52*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 19:28	WG1461949
PCB 1221	ND		0.0340	1	04/19/2020 19:28	WG1461949
PCB 1232	ND		0.0340	1	04/19/2020 19:28	WG1461949
PCB 1242	ND		0.0340	1	04/19/2020 19:28	WG1461949
PCB 1248	ND		0.0170	1	04/19/2020 19:28	WG1461949
PCB 1254	ND		0.0170	1	04/19/2020 19:28	WG1461949
PCB 1260	ND		0.0170	1	04/19/2020 19:28	WG1461949
(S) Decachlorobiphenyl	*104*		*10.0-135*		*04/19/2020 19:28*	WG1461949
(S) Tetrachloro-m-xylene	*94.9*		*10.0-139*		*04/19/2020 19:28*	WG1461949

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 08:47	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 08:47	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 08:47	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 08:47	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 08:47	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 08:47	WG1461951
(S) p-Terphenyl-d14	*91.2*		*23.0-120*		*04/17/2020 08:47*	WG1461951
(S) Nitrobenzene-d5	*106*		*14.0-149*		*04/17/2020 08:47*	WG1461951
(S) 2-Fluorobiphenyl	*82.2*		*34.0-125*		*04/17/2020 08:47*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:53	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.09		2.00	1	04/18/2020 21:03	WG1462040
Barium	128		0.500	1	04/18/2020 21:03	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:03	WG1462040
Chromium	13.2		1.00	1	04/18/2020 21:03	WG1462040
Lead	15.5		0.500	1	04/18/2020 21:03	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:03	WG1462040
Silver	ND		1.00	1	04/18/2020 21:03	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 22:11	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 22:11	WG1461183
Benzene	ND		0.0250	1	04/15/2020 22:11	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 22:11	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
Bromoform	ND		0.625	1	04/15/2020 22:11	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 22:11	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 22:11	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 22:11	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 22:11	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 22:11	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 22:11	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 22:11	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 22:11	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 22:11	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 22:11	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 22:11	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 22:11	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 22:11	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 22:11	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 22:11	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 22:11	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 22:11	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 22:11	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 22:11	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 22:11	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 22:11	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 22:11	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 22:11	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 22:11	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 22:11	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 22:11	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 22:11	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 22:11	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 22:11	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 22:11	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 22:11	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 22:11	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 22:11	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 22:11	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 22:11	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 22:11	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 22:11	WG1461183
Propene	ND		1.25	1	04/15/2020 22:11	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
Styrene	ND		0.313	1	04/15/2020 22:11	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 22:11	WG1461183
Toluene	ND		0.125	1	04/15/2020 22:11	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 22:11	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 22:11	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 22:11	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 22:11	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 22:11	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 22:11	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 22:11	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 22:11	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 22:11	WG1461183
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 22:11*	WG1461183
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/15/2020 22:11*	WG1461183
(S) 1,2-Dichloroethane-d4	*92.2*		*70.0-130*		*04/15/2020 22:11*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 16:40	WG1462375
PCB 1221	ND		0.0340	1	04/18/2020 16:40	WG1462375
PCB 1232	ND		0.0340	1	04/18/2020 16:40	WG1462375
PCB 1242	ND		0.0340	1	04/18/2020 16:40	WG1462375
PCB 1248	ND		0.0170	1	04/18/2020 16:40	WG1462375
PCB 1254	ND		0.0170	1	04/18/2020 16:40	WG1462375
PCB 1260	ND		0.0170	1	04/18/2020 16:40	WG1462375
(S) Decachlorobiphenyl	*95.8*		*10.0-135*		*04/18/2020 16:40*	WG1462375
(S) Tetrachloro-m-xylene	*97.6*		*10.0-139*		*04/18/2020 16:40*	WG1462375

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Acenaphthene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Acenaphthylene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Benzo(a)anthracene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Benzo(a)pyrene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Benzo(b)fluoranthene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Benzo(g,h,i)perylene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Benzo(k)fluoranthene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Chrysene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Dibenz(a,h)anthracene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Fluoranthene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Fluorene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Naphthalene	ND		0.0200	1	04/17/2020 09:09	WG1461951
Phenanthrene	ND		0.00600	1	04/17/2020 09:09	WG1461951
Pyrene	ND		0.00600	1	04/17/2020 09:09	WG1461951
1-Methylnaphthalene	ND		0.0200	1	04/17/2020 09:09	WG1461951
2-Methylnaphthalene	ND		0.0200	1	04/17/2020 09:09	WG1461951
2-Chloronaphthalene	ND		0.0200	1	04/17/2020 09:09	WG1461951
(S) p-Terphenyl-d14	*90.5*		*23.0-120*		*04/17/2020 09:09*	WG1461951
(S) Nitrobenzene-d5	*105*		*14.0-149*		*04/17/2020 09:09*	WG1461951
(S) 2-Fluorobiphenyl	*80.3*		*34.0-125*		*04/17/2020 09:09*	WG1461951

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:55	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.75		2.00	1	04/18/2020 21:11	WG1462040
Barium	48.7		0.500	1	04/18/2020 21:11	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:11	WG1462040
Chromium	4.53		1.00	1	04/18/2020 21:11	WG1462040
Lead	7.33		0.500	1	04/18/2020 21:11	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:11	WG1462040
Silver	ND		1.00	1	04/18/2020 21:11	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 22:30	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 22:30	WG1461183
Benzene	ND		0.0250	1	04/15/2020 22:30	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 22:30	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
Bromoform	ND		0.625	1	04/15/2020 22:30	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 22:30	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 22:30	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 22:30	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 22:30	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 22:30	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 22:30	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 22:30	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 22:30	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 22:30	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 22:30	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 22:30	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 22:30	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 22:30	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 22:30	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 22:30	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 22:30	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 22:30	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 22:30	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 22:30	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 22:30	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 22:30	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 22:30	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 22:30	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 22:30	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 22:30	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 22:30	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 22:30	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 22:30	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 22:30	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 22:30	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 22:30	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 22:30	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 22:30	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 22:30	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 22:30	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 22:30	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 22:30	WG1461183
Propene	ND		1.25	1	04/15/2020 22:30	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
Styrene	ND		0.313	1	04/15/2020 22:30	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 22:30	WG1461183
Toluene	ND		0.125	1	04/15/2020 22:30	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 22:30	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 22:30	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 22:30	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 22:30	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 22:30	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 22:30	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 22:30	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 22:30	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 22:30	WG1461183
(S) Toluene-d8	*102*		*75.0-131*		*04/15/2020 22:30*	WG1461183
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/15/2020 22:30*	WG1461183
(S) 1,2-Dichloroethane-d4	*91.4*		*70.0-130*		*04/15/2020 22:30*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 16:53	WG1462375
PCB 1221	ND		0.0340	1	04/18/2020 16:53	WG1462375
PCB 1232	ND		0.0340	1	04/18/2020 16:53	WG1462375
PCB 1242	ND		0.0340	1	04/18/2020 16:53	WG1462375
PCB 1248	ND		0.0170	1	04/18/2020 16:53	WG1462375
PCB 1254	ND		0.0170	1	04/18/2020 16:53	WG1462375
PCB 1260	ND		0.0170	1	04/18/2020 16:53	WG1462375
(S) Decachlorobiphenyl	*123*		*10.0-135*		*04/18/2020 16:53*	WG1462375
(S) Tetrachloro-m-xylene	*121*		*10.0-139*		*04/18/2020 16:53*	WG1462375

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 07:19	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 07:19	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 07:19	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 07:19	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 07:19	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 07:19	WG1462386
(S) p-Terphenyl-d14	*89.2*		*23.0-120*		*04/18/2020 07:19*	WG1462386
(S) Nitrobenzene-d5	*82.6*		*14.0-149*		*04/18/2020 07:19*	WG1462386
(S) 2-Fluorobiphenyl	*77.5*		*34.0-125*		*04/18/2020 07:19*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 13:58	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.59		2.00	1	04/18/2020 21:13	WG1462040
Barium	35.0		0.500	1	04/18/2020 21:13	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:13	WG1462040
Chromium	3.39		1.00	1	04/18/2020 21:13	WG1462040
Lead	9.28		0.500	1	04/18/2020 21:13	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:13	WG1462040
Silver	ND		1.00	1	04/18/2020 21:13	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 22:49	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 22:49	WG1461183
Benzene	ND		0.0250	1	04/15/2020 22:49	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 22:49	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
Bromoform	ND		0.625	1	04/15/2020 22:49	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 22:49	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 22:49	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 22:49	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 22:49	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 22:49	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 22:49	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 22:49	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 22:49	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 22:49	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 22:49	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 22:49	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 22:49	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 22:49	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 22:49	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 22:49	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 22:49	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 22:49	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 22:49	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 22:49	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 22:49	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 22:49	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 22:49	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 22:49	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 22:49	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 22:49	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 22:49	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 22:49	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 22:49	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 22:49	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 22:49	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 22:49	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 22:49	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 22:49	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 22:49	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 22:49	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 22:49	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 22:49	WG1461183
Propene	ND		1.25	1	04/15/2020 22:49	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
Styrene	ND		0.313	1	04/15/2020 22:49	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 22:49	WG1461183
Toluene	ND		0.125	1	04/15/2020 22:49	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 22:49	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 22:49	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 22:49	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 22:49	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 22:49	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 22:49	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 22:49	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 22:49	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 22:49	WG1461183
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 22:49*	WG1461183
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/15/2020 22:49*	WG1461183
(S) 1,2-Dichloroethane-d4	*89.2*		*70.0-130*		*04/15/2020 22:49*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 12:10	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 12:10	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 12:10	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 12:10	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 12:10	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 12:10	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 12:10	WG1462377
(S) Decachlorobiphenyl	*99.8*		*10.0-135*		*04/18/2020 12:10*	WG1462377
(S) Tetrachloro-m-xylene	*95.8*		*10.0-139*		*04/18/2020 12:10*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 07:40	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 07:40	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 07:40	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 07:40	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 07:40	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 07:40	WG1462386
(S) p-Terphenyl-d14	*85.6*		*23.0-120*		*04/18/2020 07:40*	WG1462386
(S) Nitrobenzene-d5	*80.0*		*14.0-149*		*04/18/2020 07:40*	WG1462386
(S) 2-Fluorobiphenyl	*75.3*		*34.0-125*		*04/18/2020 07:40*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 14:00	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.39		2.00	1	04/18/2020 21:16	WG1462040
Barium	80.9		0.500	1	04/18/2020 21:16	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:16	WG1462040
Chromium	5.70		1.00	1	04/18/2020 21:16	WG1462040
Lead	12.4		0.500	1	04/18/2020 21:16	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:16	WG1462040
Silver	ND		1.00	1	04/18/2020 21:16	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 23:08	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 23:08	WG1461183
Benzene	ND		0.0250	1	04/15/2020 23:08	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 23:08	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
Bromoform	ND		0.625	1	04/15/2020 23:08	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 23:08	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 23:08	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 23:08	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 23:08	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 23:08	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 23:08	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 23:08	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 23:08	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 23:08	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 23:08	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 23:08	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 23:08	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 23:08	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 23:08	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 23:08	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 23:08	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 23:08	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 23:08	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 23:08	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 23:08	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 23:08	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 23:08	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 23:08	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 23:08	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 23:08	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 23:08	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 23:08	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 23:08	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 23:08	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 23:08	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 23:08	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 23:08	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 23:08	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 23:08	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 23:08	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 23:08	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 23:08	WG1461183
Propene	ND		1.25	1	04/15/2020 23:08	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
Styrene	ND		0.313	1	04/15/2020 23:08	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 23:08	WG1461183
Toluene	ND		0.125	1	04/15/2020 23:08	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 23:08	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 23:08	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 23:08	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 23:08	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 23:08	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 23:08	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 23:08	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 23:08	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 23:08	WG1461183
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 23:08*	WG1461183
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/15/2020 23:08*	WG1461183
(S) 1,2-Dichloroethane-d4	*91.1*		*70.0-130*		*04/15/2020 23:08*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 12:53	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 12:53	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 12:53	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 12:53	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 12:53	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 12:53	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 12:53	WG1462377
(S) Decachlorobiphenyl	*104*		*10.0-135*		*04/18/2020 12:53*	WG1462377
(S) Tetrachloro-m-xylene	*98.5*		*10.0-139*		*04/18/2020 12:53*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 08:00	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 08:00	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 08:00	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:00	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:00	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 08:00	WG1462386
(S) p-Terphenyl-d14	*84.4*		*23.0-120*		*04/18/2020 08:00*	WG1462386
(S) Nitrobenzene-d5	*79.4*		*14.0-149*		*04/18/2020 08:00*	WG1462386
(S) 2-Fluorobiphenyl	*75.5*		*34.0-125*		*04/18/2020 08:00*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 14:07	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.06		2.00	1	04/18/2020 21:19	WG1462040
Barium	81.0		0.500	1	04/18/2020 21:19	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:19	WG1462040
Chromium	8.73		1.00	1	04/18/2020 21:19	WG1462040
Lead	13.7		0.500	1	04/18/2020 21:19	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:19	WG1462040
Silver	ND		1.00	1	04/18/2020 21:19	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 23:27	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 23:27	WG1461183
Benzene	ND		0.0250	1	04/15/2020 23:27	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 23:27	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
Bromoform	ND		0.625	1	04/15/2020 23:27	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 23:27	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 23:27	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 23:27	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 23:27	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 23:27	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 23:27	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 23:27	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 23:27	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 23:27	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 23:27	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 23:27	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 23:27	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 23:27	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 23:27	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 23:27	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 23:27	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 23:27	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 23:27	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 23:27	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 23:27	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 23:27	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 23:27	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 23:27	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 23:27	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 23:27	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 23:27	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 23:27	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 23:27	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 23:27	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 23:27	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 23:27	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 23:27	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 23:27	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 23:27	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 23:27	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 23:27	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 23:27	WG1461183
Propene	ND		1.25	1	04/15/2020 23:27	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
Styrene	ND		0.313	1	04/15/2020 23:27	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 23:27	WG1461183
Toluene	ND		0.125	1	04/15/2020 23:27	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 23:27	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 23:27	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 23:27	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 23:27	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 23:27	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 23:27	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 23:27	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 23:27	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 23:27	WG1461183
(S) Toluene-d8	*101*		*75.0-131*		*04/15/2020 23:27*	WG1461183
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/15/2020 23:27*	WG1461183
(S) 1,2-Dichloroethane-d4	*93.5*		*70.0-130*		*04/15/2020 23:27*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 13:07	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 13:07	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 13:07	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 13:07	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 13:07	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 13:07	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 13:07	WG1462377
(S) Decachlorobiphenyl	*109*		*10.0-135*		*04/18/2020 13:07*	WG1462377
(S) Tetrachloro-m-xylene	*90.4*		*10.0-139*		*04/18/2020 13:07*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Acenaphthene	0.00881		0.00600	1	04/18/2020 08:21	WG1462386
Acenaphthylene	0.00777		0.00600	1	04/18/2020 08:21	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 08:21	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 08:21	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 08:21	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:21	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:21	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 08:21	WG1462386
(S) p-Terphenyl-d14	*93.0*		*23.0-120*		*04/18/2020 08:21*	WG1462386
(S) Nitrobenzene-d5	*81.8*		*14.0-149*		*04/18/2020 08:21*	WG1462386
(S) 2-Fluorobiphenyl	*63.0*		*34.0-125*		*04/18/2020 08:21*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 14:10	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.43		2.00	1	04/18/2020 21:22	WG1462040
Barium	227		0.500	1	04/18/2020 21:22	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:22	WG1462040
Chromium	14.2		1.00	1	04/18/2020 21:22	WG1462040
Lead	24.3		0.500	1	04/18/2020 21:22	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:22	WG1462040
Silver	ND		1.00	1	04/18/2020 21:22	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/15/2020 23:45	WG1461183
Acrylonitrile	ND		0.313	1	04/15/2020 23:45	WG1461183
Benzene	ND		0.0250	1	04/15/2020 23:45	WG1461183
Bromobenzene	ND		0.313	1	04/15/2020 23:45	WG1461183
Bromodichloromethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
Bromoform	ND		0.625	1	04/15/2020 23:45	WG1461183
Bromomethane	ND		0.313	1	04/15/2020 23:45	WG1461183
1,3-Butadiene	ND		0.625	1	04/15/2020 23:45	WG1461183
n-Butylbenzene	ND		0.313	1	04/15/2020 23:45	WG1461183
sec-Butylbenzene	ND		0.313	1	04/15/2020 23:45	WG1461183
tert-Butylbenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
Carbon disulfide	ND		0.313	1	04/15/2020 23:45	WG1461183
Carbon tetrachloride	ND		0.125	1	04/15/2020 23:45	WG1461183
Chlorobenzene	ND		0.0625	1	04/15/2020 23:45	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
Chloroethane	ND		0.125	1	04/15/2020 23:45	WG1461183
Chloroform	ND		0.0625	1	04/15/2020 23:45	WG1461183
Chloromethane	ND		0.313	1	04/15/2020 23:45	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/15/2020 23:45	WG1461183
4-Chlorotoluene	ND		0.125	1	04/15/2020 23:45	WG1461183
Cyclohexane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 23:45	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
Dibromomethane	ND		0.125	1	04/15/2020 23:45	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/15/2020 23:45	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 23:45	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 23:45	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 23:45	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/15/2020 23:45	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/15/2020 23:45	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 23:45	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 23:45	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 23:45	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 23:45	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/15/2020 23:45	WG1461183
Ethylbenzene	ND		0.0625	1	04/15/2020 23:45	WG1461183
4-Ethyltoluene	ND		0.125	1	04/15/2020 23:45	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 23:45	WG1461183
n-Hexane	ND		0.125	1	04/15/2020 23:45	WG1461183
Isopropylbenzene	ND		0.0625	1	04/15/2020 23:45	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/15/2020 23:45	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/15/2020 23:45	WG1461183
Methylene Chloride	ND		0.625	1	04/15/2020 23:45	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 23:45	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 23:45	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/15/2020 23:45	WG1461183
Naphthalene	ND		0.313	1	04/15/2020 23:45	WG1461183
Propene	ND		1.25	1	04/15/2020 23:45	WG1461183
n-Propylbenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
Styrene	ND		0.313	1	04/15/2020 23:45	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
Tetrachloroethene	ND		0.0625	1	04/15/2020 23:45	WG1461183
Toluene	ND		0.125	1	04/15/2020 23:45	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 23:45	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 23:45	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/15/2020 23:45	WG1461183
Trichloroethene	ND		0.0250	1	04/15/2020 23:45	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 23:45	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 23:45	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 23:45	WG1461183
Vinyl chloride	ND		0.0625	1	04/15/2020 23:45	WG1461183
Xylenes, Total	ND		0.163	1	04/15/2020 23:45	WG1461183
(S) Toluene-d8	*102*		*75.0-131*		*04/15/2020 23:45*	WG1461183
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/15/2020 23:45*	WG1461183
(S) 1,2-Dichloroethane-d4	*89.5*		*70.0-130*		*04/15/2020 23:45*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 13:21	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 13:21	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 13:21	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 13:21	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 13:21	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 13:21	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 13:21	WG1462377
(S) Decachlorobiphenyl	*99.1*		*10.0-135*		*04/18/2020 13:21*	WG1462377
(S) Tetrachloro-m-xylene	*93.3*		*10.0-139*		*04/18/2020 13:21*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 08:42	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 08:42	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 08:42	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:42	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:42	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 08:42	WG1462386
(S) p-Terphenyl-d14	*48.3*		*23.0-120*		*04/18/2020 08:42*	WG1462386
(S) Nitrobenzene-d5	*58.1*		*14.0-149*		*04/18/2020 08:42*	WG1462386
(S) 2-Fluorobiphenyl	*54.2*		*34.0-125*		*04/18/2020 08:42*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 14:12	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.38		2.00	1	04/18/2020 21:24	WG1462040
Barium	105		0.500	1	04/18/2020 21:24	WG1462040
Cadmium	0.949		0.500	1	04/18/2020 21:24	WG1462040
Chromium	13.3		1.00	1	04/18/2020 21:24	WG1462040
Lead	164		0.500	1	04/18/2020 21:24	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:24	WG1462040
Silver	ND		1.00	1	04/18/2020 21:24	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 10:27	WG1462013
Acrylonitrile	ND		0.313	1	04/17/2020 10:27	WG1462013
Benzene	ND		0.0250	1	04/17/2020 10:27	WG1462013
Bromobenzene	ND		0.313	1	04/17/2020 10:27	WG1462013
Bromodichloromethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
Bromoform	ND		0.625	1	04/17/2020 10:27	WG1462013
Bromomethane	ND		0.313	1	04/17/2020 10:27	WG1462013
1,3-Butadiene	ND		0.625	1	04/17/2020 10:27	WG1462013
n-Butylbenzene	ND		0.313	1	04/17/2020 10:27	WG1462013
sec-Butylbenzene	ND		0.313	1	04/17/2020 10:27	WG1462013
tert-Butylbenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
Carbon disulfide	ND		0.313	1	04/17/2020 10:27	WG1462013
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 10:27	WG1462013
Chlorobenzene	ND		0.0625	1	04/17/2020 10:27	WG1462013
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 10:27	WG1462013
Chloroethane	ND	R7	0.125	1	04/17/2020 10:27	WG1462013
Chloroform	ND		0.0625	1	04/17/2020 10:27	WG1462013
Chloromethane	ND		0.313	1	04/17/2020 10:27	WG1462013
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 10:27	WG1462013
4-Chlorotoluene	ND		0.125	1	04/17/2020 10:27	WG1462013
Cyclohexane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 10:27	WG1462013
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
Dibromomethane	ND		0.125	1	04/17/2020 10:27	WG1462013
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 10:27	WG1462013
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 10:27	WG1462013
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 10:27	WG1462013
1,2-Dichloropropane	ND		0.125	1	04/17/2020 10:27	WG1462013
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,3-Dichloropropane	ND		0.125	1	04/17/2020 10:27	WG1462013
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 10:27	WG1462013
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 10:27	WG1462013
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 10:27	WG1462013

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 10:27	WG1462013
Di-isopropyl ether	ND		0.0250	1	04/17/2020 10:27	WG1462013
Ethylbenzene	ND		0.0625	1	04/17/2020 10:27	WG1462013
4-Ethyltoluene	ND		0.125	1	04/17/2020 10:27	WG1462013
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 10:27	WG1462013
n-Hexane	ND		0.125	1	04/17/2020 10:27	WG1462013
Isopropylbenzene	ND		0.0625	1	04/17/2020 10:27	WG1462013
p-Isopropyltoluene	ND		0.125	1	04/17/2020 10:27	WG1462013
2-Butanone (MEK)	ND		2.50	1	04/17/2020 10:27	WG1462013
Methylene Chloride	ND		0.625	1	04/17/2020 10:27	WG1462013
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 10:27	WG1462013
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 10:27	WG1462013
Methyl Cyclohexane	ND		0.125	1	04/17/2020 10:27	WG1462013
Naphthalene	ND		0.313	1	04/17/2020 10:27	WG1462013
Propene	ND		1.25	1	04/17/2020 10:27	WG1462013
n-Propylbenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
Styrene	ND		0.313	1	04/17/2020 10:27	WG1462013
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 10:27	WG1462013
Tetrachloroethene	ND		0.0625	1	04/17/2020 10:27	WG1462013
Toluene	ND		0.125	1	04/17/2020 10:27	WG1462013
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 10:27	WG1462013
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 10:27	WG1462013
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
Trichloroethene	ND		0.0250	1	04/17/2020 10:27	WG1462013
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 10:27	WG1462013
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 10:27	WG1462013
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 10:27	WG1462013
Vinyl chloride	ND		0.0625	1	04/17/2020 10:27	WG1462013
Xylenes, Total	ND		0.163	1	04/17/2020 10:27	WG1462013
(S) Toluene-d8	*104*		*75.0-131*		*04/17/2020 10:27*	WG1462013
(S) 4-Bromofluorobenzene	*112*		*67.0-138*		*04/17/2020 10:27*	WG1462013
(S) 1,2-Dichloroethane-d4	*99.5*		*70.0-130*		*04/17/2020 10:27*	WG1462013

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 13:35	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 13:35	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 13:35	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 13:35	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 13:35	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 13:35	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 13:35	WG1462377
(S) Decachlorobiphenyl	*85.6*		*10.0-135*		*04/18/2020 13:35*	WG1462377
(S) Tetrachloro-m-xylene	*92.6*		*10.0-139*		*04/18/2020 13:35*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Acenaphthene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Acenaphthylene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Benzo(a)anthracene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Benzo(a)pyrene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Benzo(b)fluoranthene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Benzo(g,h,i)perylene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Benzo(k)fluoranthene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Chrysene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Dibenz(a,h)anthracene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Fluoranthene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Fluorene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Naphthalene	ND		0.200	10	04/18/2020 12:30	WG1462386
Phenanthrene	ND		0.0600	10	04/18/2020 12:30	WG1462386
Pyrene	ND		0.0600	10	04/18/2020 12:30	WG1462386
1-Methylnaphthalene	ND		0.200	10	04/18/2020 12:30	WG1462386
2-Methylnaphthalene	ND		0.200	10	04/18/2020 12:30	WG1462386
2-Chloronaphthalene	ND		0.200	10	04/18/2020 12:30	WG1462386
(S) p-Terphenyl-d14	*75.9*		*23.0-120*		*04/18/2020 12:30*	WG1462386
(S) Nitrobenzene-d5	*64.8*		*14.0-149*		*04/18/2020 12:30*	WG1462386
(S) 2-Fluorobiphenyl	*62.9*		*34.0-125*		*04/18/2020 12:30*	WG1462386

Sample Narrative:

L1208413-18 WG1462386: Dilution due to matrix.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 14:14	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.08		2.00	1	04/18/2020 21:27	WG1462040
Barium	159		0.500	1	04/18/2020 21:27	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:27	WG1462040
Chromium	12.5		1.00	1	04/18/2020 21:27	WG1462040
Lead	19.8		0.500	1	04/18/2020 21:27	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:27	WG1462040
Silver	ND		1.00	1	04/18/2020 21:27	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 00:24	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 00:24	WG1461183
Benzene	ND		0.0250	1	04/16/2020 00:24	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 00:24	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
Bromoform	ND		0.625	1	04/16/2020 00:24	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 00:24	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 00:24	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 00:24	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 00:24	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 00:24	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 00:24	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 00:24	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 00:24	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 00:24	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 00:24	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 00:24	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 00:24	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 00:24	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 00:24	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 00:24	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 00:24	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 00:24	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 00:24	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 00:24	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 00:24	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 00:24	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 00:24	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 00:24	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 00:24	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 00:24	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 00:24	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 00:24	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 00:24	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 00:24	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 00:24	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 00:24	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 00:24	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 00:24	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 00:24	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 00:24	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 00:24	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 00:24	WG1461183
Propene	ND		1.25	1	04/16/2020 00:24	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
Styrene	ND		0.313	1	04/16/2020 00:24	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 00:24	WG1461183
Toluene	ND		0.125	1	04/16/2020 00:24	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 00:24	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 00:24	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 00:24	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 00:24	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 00:24	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 00:24	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 00:24	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 00:24	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 00:24	WG1461183
(S) Toluene-d8	*106*		*75.0-131*		*04/16/2020 00:24*	WG1461183
(S) 4-Bromofluorobenzene	*96.4*		*67.0-138*		*04/16/2020 00:24*	WG1461183
(S) 1,2-Dichloroethane-d4	*70.7*		*70.0-130*		*04/16/2020 00:24*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 13:49	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 13:49	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 13:49	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 13:49	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 13:49	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 13:49	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 13:49	WG1462377
(S) Decachlorobiphenyl	*96.0*		*10.0-135*		*04/18/2020 13:49*	WG1462377
(S) Tetrachloro-m-xylene	*101*		*10.0-139*		*04/18/2020 13:49*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 09:03	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 09:03	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 09:03	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:03	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:03	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 09:03	WG1462386
(S) p-Terphenyl-d14	*67.4*		*23.0-120*		*04/18/2020 09:03*	WG1462386
(S) Nitrobenzene-d5	*62.8*		*14.0-149*		*04/18/2020 09:03*	WG1462386
(S) 2-Fluorobiphenyl	*59.6*		*34.0-125*		*04/18/2020 09:03*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 14:17	WG1462115

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.13		2.00	1	04/18/2020 21:30	WG1462040
Barium	118		0.500	1	04/18/2020 21:30	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:30	WG1462040
Chromium	12.8		1.00	1	04/18/2020 21:30	WG1462040
Lead	16.8		0.500	1	04/18/2020 21:30	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:30	WG1462040
Silver	ND		1.00	1	04/18/2020 21:30	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 00:43	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 00:43	WG1461183
Benzene	ND		0.0250	1	04/16/2020 00:43	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 00:43	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
Bromoform	ND		0.625	1	04/16/2020 00:43	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 00:43	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 00:43	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 00:43	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 00:43	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 00:43	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 00:43	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 00:43	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 00:43	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 00:43	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 00:43	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 00:43	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 00:43	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 00:43	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 00:43	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 00:43	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 00:43	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 00:43	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 00:43	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 00:43	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 00:43	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 00:43	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 00:43	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 00:43	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 00:43	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 00:43	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 00:43	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 00:43	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 00:43	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 00:43	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 00:43	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 00:43	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 00:43	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 00:43	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 00:43	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 00:43	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 00:43	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 00:43	WG1461183
Propene	ND		1.25	1	04/16/2020 00:43	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
Styrene	ND		0.313	1	04/16/2020 00:43	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 00:43	WG1461183
Toluene	ND		0.125	1	04/16/2020 00:43	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 00:43	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 00:43	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 00:43	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 00:43	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 00:43	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 00:43	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 00:43	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 00:43	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 00:43	WG1461183
(S) Toluene-d8	*101*		*75.0-131*		*04/16/2020 00:43*	WG1461183
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/16/2020 00:43*	WG1461183
(S) 1,2-Dichloroethane-d4	*94.1*		*70.0-130*		*04/16/2020 00:43*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 14:03	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 14:03	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 14:03	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 14:03	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 14:03	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 14:03	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 14:03	WG1462377
(S) Decachlorobiphenyl	*96.3*		*10.0-135*		*04/18/2020 14:03*	WG1462377
(S) Tetrachloro-m-xylene	*95.3*		*10.0-139*		*04/18/2020 14:03*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 09:23	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 09:23	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462386
(S) p-Terphenyl-d14	*71.4*		*23.0-120*		*04/18/2020 09:23*	WG1462386
(S) Nitrobenzene-d5	*67.9*		*14.0-149*		*04/18/2020 09:23*	WG1462386
(S) 2-Fluorobiphenyl	*64.3*		*34.0-125*		*04/18/2020 09:23*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:10	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.42		2.00	1	04/18/2020 21:33	WG1462040
Barium	113		0.500	1	04/18/2020 21:33	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:33	WG1462040
Chromium	12.8		1.00	1	04/18/2020 21:33	WG1462040
Lead	16.8		0.500	1	04/18/2020 21:33	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:33	WG1462040
Silver	ND		1.00	1	04/18/2020 21:33	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 01:02	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 01:02	WG1461183
Benzene	ND		0.0250	1	04/16/2020 01:02	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 01:02	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
Bromoform	ND		0.625	1	04/16/2020 01:02	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 01:02	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 01:02	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 01:02	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:02	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 01:02	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:02	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 01:02	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 01:02	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 01:02	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 01:02	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:02	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:02	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:02	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 01:02	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 01:02	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:02	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:02	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:02	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:02	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:02	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:02	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:02	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:02	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:02	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:02	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 01:02	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:02	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:02	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 01:02	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:02	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:02	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:02	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 01:02	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:02	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:02	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:02	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 01:02	WG1461183
Propene	ND		1.25	1	04/16/2020 01:02	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
Styrene	ND		0.313	1	04/16/2020 01:02	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:02	WG1461183
Toluene	ND		0.125	1	04/16/2020 01:02	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:02	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:02	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 01:02	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 01:02	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:02	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:02	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:02	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 01:02	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 01:02	WG1461183
(S) Toluene-d8	*101*		*75.0-131*		*04/16/2020 01:02*	WG1461183
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/16/2020 01:02*	WG1461183
(S) 1,2-Dichloroethane-d4	*95.9*		*70.0-130*		*04/16/2020 01:02*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/19/2020 20:24	WG1462377
PCB 1221	ND		0.0340	1	04/19/2020 20:24	WG1462377
PCB 1232	ND		0.0340	1	04/19/2020 20:24	WG1462377
PCB 1242	ND		0.0340	1	04/19/2020 20:24	WG1462377
PCB 1248	ND		0.0170	1	04/19/2020 20:24	WG1462377
PCB 1254	ND		0.0170	1	04/19/2020 20:24	WG1462377
PCB 1260	ND		0.0170	1	04/19/2020 20:24	WG1462377
(S) Decachlorobiphenyl	*88.2*		*10.0-135*		*04/19/2020 20:24*	WG1462377
(S) Tetrachloro-m-xylene	*90.9*		*10.0-139*		*04/19/2020 20:24*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 09:44	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 09:44	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 09:44	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:44	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:44	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 09:44	WG1462386
(S) p-Terphenyl-d14	*67.2*		*23.0-120*		*04/18/2020 09:44*	WG1462386
(S) Nitrobenzene-d5	*63.8*		*14.0-149*		*04/18/2020 09:44*	WG1462386
(S) 2-Fluorobiphenyl	*60.6*		*34.0-125*		*04/18/2020 09:44*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:17	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.45		2.00	1	04/18/2020 21:36	WG1462040
Barium	174		0.500	1	04/18/2020 21:36	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:36	WG1462040
Chromium	12.9		1.00	1	04/18/2020 21:36	WG1462040
Lead	18.7		0.500	1	04/18/2020 21:36	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:36	WG1462040
Silver	ND		1.00	1	04/18/2020 21:36	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 01:21	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 01:21	WG1461183
Benzene	ND		0.0250	1	04/16/2020 01:21	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 01:21	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
Bromoform	ND		0.625	1	04/16/2020 01:21	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 01:21	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 01:21	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 01:21	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:21	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 01:21	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:21	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 01:21	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 01:21	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 01:21	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 01:21	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:21	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:21	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:21	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 01:21	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 01:21	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:21	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:21	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:21	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:21	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:21	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:21	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:21	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:21	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:21	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:21	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 01:21	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:21	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:21	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 01:21	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:21	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:21	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:21	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 01:21	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:21	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:21	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:21	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 01:21	WG1461183
Propene	ND		1.25	1	04/16/2020 01:21	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
Styrene	ND		0.313	1	04/16/2020 01:21	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:21	WG1461183
Toluene	ND		0.125	1	04/16/2020 01:21	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:21	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:21	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 01:21	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 01:21	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:21	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:21	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:21	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 01:21	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 01:21	WG1461183
(S) Toluene-d8	*101*		*75.0-131*		*04/16/2020 01:21*	WG1461183
(S) 4-Bromofluorobenzene	*97.9*		*67.0-138*		*04/16/2020 01:21*	WG1461183
(S) 1,2-Dichloroethane-d4	*79.3*		*70.0-130*		*04/16/2020 01:21*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 14:32	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 14:32	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 14:32	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 14:32	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 14:32	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 14:32	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 14:32	WG1462377
(S) Decachlorobiphenyl	*98.8*		*10.0-135*		*04/18/2020 14:32*	WG1462377
(S) Tetrachloro-m-xylene	*95.6*		*10.0-139*		*04/18/2020 14:32*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 10:05	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 10:05	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 10:05	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:05	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:05	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 10:05	WG1462386
(S) p-Terphenyl-d14	*65.6*		*23.0-120*		*04/18/2020 10:05*	WG1462386
(S) Nitrobenzene-d5	*61.5*		*14.0-149*		*04/18/2020 10:05*	WG1462386
(S) 2-Fluorobiphenyl	*58.9*		*34.0-125*		*04/18/2020 10:05*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:19	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.66		2.00	1	04/18/2020 21:44	WG1462040
Barium	61.8		0.500	1	04/18/2020 21:44	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:44	WG1462040
Chromium	8.56		1.00	1	04/18/2020 21:44	WG1462040
Lead	8.03		0.500	1	04/18/2020 21:44	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:44	WG1462040
Silver	ND		1.00	1	04/18/2020 21:44	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 01:40	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 01:40	WG1461183
Benzene	ND		0.0250	1	04/16/2020 01:40	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 01:40	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
Bromoform	ND		0.625	1	04/16/2020 01:40	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 01:40	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 01:40	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 01:40	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:40	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 01:40	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:40	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 01:40	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 01:40	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 01:40	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 01:40	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:40	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:40	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:40	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 01:40	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 01:40	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:40	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:40	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:40	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:40	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:40	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:40	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:40	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:40	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:40	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:40	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 01:40	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:40	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:40	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 01:40	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:40	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:40	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:40	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 01:40	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:40	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:40	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:40	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 01:40	WG1461183
Propene	ND		1.25	1	04/16/2020 01:40	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
Styrene	ND		0.313	1	04/16/2020 01:40	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:40	WG1461183
Toluene	ND		0.125	1	04/16/2020 01:40	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:40	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:40	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 01:40	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 01:40	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:40	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:40	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:40	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 01:40	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 01:40	WG1461183
(S) Toluene-d8	*101*		*75.0-131*		*04/16/2020 01:40*	WG1461183
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*04/16/2020 01:40*	WG1461183
(S) 1,2-Dichloroethane-d4	*93.1*		*70.0-130*		*04/16/2020 01:40*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 14:46	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 14:46	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 14:46	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 14:46	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 14:46	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 14:46	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 14:46	WG1462377
(S) Decachlorobiphenyl	*104*		*10.0-135*		*04/18/2020 14:46*	WG1462377
(S) Tetrachloro-m-xylene	*98.3*		*10.0-139*		*04/18/2020 14:46*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 10:25	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 10:25	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 10:25	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:25	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:25	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 10:25	WG1462386
(S) p-Terphenyl-d14	*85.2*		*23.0-120*		*04/18/2020 10:25*	WG1462386
(S) Nitrobenzene-d5	*78.5*		*14.0-149*		*04/18/2020 10:25*	WG1462386
(S) 2-Fluorobiphenyl	*75.3*		*34.0-125*		*04/18/2020 10:25*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:22	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.26		2.00	1	04/18/2020 20:44	WG1462040
Barium	59.0	M1	0.500	1	04/18/2020 20:44	WG1462040
Cadmium	ND		0.500	1	04/18/2020 20:44	WG1462040
Chromium	4.99		1.00	1	04/18/2020 20:44	WG1462040
Lead	7.04		0.500	1	04/18/2020 20:44	WG1462040
Selenium	ND		2.00	1	04/18/2020 20:44	WG1462040
Silver	ND		1.00	1	04/18/2020 20:44	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 01:59	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 01:59	WG1461183
Benzene	ND		0.0250	1	04/16/2020 01:59	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 01:59	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
Bromoform	ND		0.625	1	04/16/2020 01:59	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 01:59	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 01:59	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 01:59	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:59	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 01:59	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:59	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 01:59	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 01:59	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 01:59	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 01:59	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:59	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:59	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:59	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 01:59	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 01:59	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:59	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:59	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:59	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:59	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:59	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:59	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:59	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:59	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:59	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:59	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 01:59	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:59	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:59	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 01:59	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:59	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:59	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:59	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 01:59	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:59	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:59	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:59	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 01:59	WG1461183
Propene	ND		1.25	1	04/16/2020 01:59	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
Styrene	ND		0.313	1	04/16/2020 01:59	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:59	WG1461183
Toluene	ND		0.125	1	04/16/2020 01:59	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:59	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:59	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 01:59	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 01:59	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:59	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:59	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:59	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 01:59	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 01:59	WG1461183
(S) Toluene-d8	*102*		*75.0-131*		*04/16/2020 01:59*	WG1461183
(S) 4-Bromofluorobenzene	*97.3*		*67.0-138*		*04/16/2020 01:59*	WG1461183
(S) 1,2-Dichloroethane-d4	*86.6*		*70.0-130*		*04/16/2020 01:59*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 15:00	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 15:00	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 15:00	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 15:00	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 15:00	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 15:00	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 15:00	WG1462377
(S) Decachlorobiphenyl	*96.4*		*10.0-135*		*04/18/2020 15:00*	WG1462377
(S) Tetrachloro-m-xylene	*92.3*		*10.0-139*		*04/18/2020 15:00*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 10:46	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 10:46	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 10:46	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:46	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:46	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 10:46	WG1462386
(S) p-Terphenyl-d14	*86.3*		*23.0-120*		*04/18/2020 10:46*	WG1462386
(S) Nitrobenzene-d5	*80.2*		*14.0-149*		*04/18/2020 10:46*	WG1462386
(S) 2-Fluorobiphenyl	*76.8*		*34.0-125*		*04/18/2020 10:46*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:24	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.09		2.00	1	04/18/2020 21:47	WG1462040
Barium	181		0.500	1	04/18/2020 21:47	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:47	WG1462040
Chromium	4.81		1.00	1	04/18/2020 21:47	WG1462040
Lead	8.52		0.500	1	04/18/2020 21:47	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:47	WG1462040
Silver	ND		1.00	1	04/18/2020 21:47	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 02:18	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 02:18	WG1461183
Benzene	ND		0.0250	1	04/16/2020 02:18	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 02:18	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
Bromoform	ND		0.625	1	04/16/2020 02:18	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 02:18	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 02:18	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 02:18	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 02:18	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 02:18	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 02:18	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 02:18	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 02:18	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 02:18	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 02:18	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 02:18	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 02:18	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 02:18	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 02:18	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 02:18	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 02:18	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 02:18	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 02:18	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 02:18	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 02:18	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 02:18	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 02:18	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 02:18	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 02:18	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 02:18	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 02:18	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 02:18	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 02:18	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 02:18	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 02:18	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 02:18	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 02:18	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 02:18	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 02:18	WG1461183
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 02:18	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 02:18	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 02:18	WG1461183
Propene	ND		1.25	1	04/16/2020 02:18	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
Styrene	ND		0.313	1	04/16/2020 02:18	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 02:18	WG1461183
Toluene	ND		0.125	1	04/16/2020 02:18	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 02:18	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 02:18	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 02:18	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 02:18	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 02:18	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 02:18	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 02:18	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 02:18	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 02:18	WG1461183
(S) Toluene-d8	*104*		*75.0-131*		*04/16/2020 02:18*	WG1461183
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/16/2020 02:18*	WG1461183
(S) 1,2-Dichloroethane-d4	*82.6*		*70.0-130*		*04/16/2020 02:18*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 15:14	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 15:14	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 15:14	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 15:14	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 15:14	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 15:14	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 15:14	WG1462377
(S) Decachlorobiphenyl	*98.8*		*10.0-135*		*04/18/2020 15:14*	WG1462377
(S) Tetrachloro-m-xylene	*93.9*		*10.0-139*		*04/18/2020 15:14*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 11:07	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 11:07	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 11:07	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:07	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:07	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 11:07	WG1462386
(S) p-Terphenyl-d14	*87.1*		*23.0-120*		*04/18/2020 11:07*	WG1462386
(S) Nitrobenzene-d5	*81.2*		*14.0-149*		*04/18/2020 11:07*	WG1462386
(S) 2-Fluorobiphenyl	*77.5*		*34.0-125*		*04/18/2020 11:07*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:03	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.36		2.00	1	04/18/2020 21:50	WG1462040
Barium	60.6		0.500	1	04/18/2020 21:50	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:50	WG1462040
Chromium	15.4		1.00	1	04/18/2020 21:50	WG1462040
Lead	18.6		0.500	1	04/18/2020 21:50	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:50	WG1462040
Silver	ND		1.00	1	04/18/2020 21:50	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/16/2020 02:37	WG1461183
Acrylonitrile	ND		0.313	1	04/16/2020 02:37	WG1461183
Benzene	ND		0.0250	1	04/16/2020 02:37	WG1461183
Bromobenzene	ND		0.313	1	04/16/2020 02:37	WG1461183
Bromodichloromethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
Bromoform	ND		0.625	1	04/16/2020 02:37	WG1461183
Bromomethane	ND		0.313	1	04/16/2020 02:37	WG1461183
1,3-Butadiene	ND		0.625	1	04/16/2020 02:37	WG1461183
n-Butylbenzene	ND		0.313	1	04/16/2020 02:37	WG1461183
sec-Butylbenzene	ND		0.313	1	04/16/2020 02:37	WG1461183
tert-Butylbenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
Carbon disulfide	ND		0.313	1	04/16/2020 02:37	WG1461183
Carbon tetrachloride	ND		0.125	1	04/16/2020 02:37	WG1461183
Chlorobenzene	ND		0.0625	1	04/16/2020 02:37	WG1461183
Chlorodibromomethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
Chloroethane	ND		0.125	1	04/16/2020 02:37	WG1461183
Chloroform	ND		0.0625	1	04/16/2020 02:37	WG1461183
Chloromethane	ND		0.313	1	04/16/2020 02:37	WG1461183
2-Chlorotoluene	ND		0.0625	1	04/16/2020 02:37	WG1461183
4-Chlorotoluene	ND		0.125	1	04/16/2020 02:37	WG1461183
Cyclohexane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 02:37	WG1461183
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
Dibromomethane	ND		0.125	1	04/16/2020 02:37	WG1461183
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
1,4-Dichlorobenzene	ND	L2	0.125	1	04/16/2020 02:37	WG1461183
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 02:37	WG1461183
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 02:37	WG1461183
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 02:37	WG1461183
1,2-Dichloropropane	ND		0.125	1	04/16/2020 02:37	WG1461183
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,3-Dichloropropane	ND		0.125	1	04/16/2020 02:37	WG1461183
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 02:37	WG1461183
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 02:37	WG1461183
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 02:37	WG1461183

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 02:37	WG1461183
Di-isopropyl ether	ND		0.0250	1	04/16/2020 02:37	WG1461183
Ethylbenzene	ND		0.0625	1	04/16/2020 02:37	WG1461183
4-Ethyltoluene	ND		0.125	1	04/16/2020 02:37	WG1461183
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 02:37	WG1461183
n-Hexane	ND		0.125	1	04/16/2020 02:37	WG1461183
Isopropylbenzene	ND		0.0625	1	04/16/2020 02:37	WG1461183
p-Isopropyltoluene	ND		0.125	1	04/16/2020 02:37	WG1461183
2-Butanone (MEK)	ND		2.50	1	04/16/2020 02:37	WG1461183
Methylene Chloride	ND		0.625	1	04/16/2020 02:37	WG1461183
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 02:37	WG1461183
Methyl tert-butyl ether	0.124		0.0250	1	04/16/2020 02:37	WG1461183
Methyl Cyclohexane	ND		0.125	1	04/16/2020 02:37	WG1461183
Naphthalene	ND		0.313	1	04/16/2020 02:37	WG1461183
Propene	ND		1.25	1	04/16/2020 02:37	WG1461183
n-Propylbenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
Styrene	ND		0.313	1	04/16/2020 02:37	WG1461183
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
Tetrachloroethene	ND		0.0625	1	04/16/2020 02:37	WG1461183
Toluene	ND		0.125	1	04/16/2020 02:37	WG1461183
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 02:37	WG1461183
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 02:37	WG1461183
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,1,2-Trichloroethane	ND	L2	0.0625	1	04/16/2020 02:37	WG1461183
Trichloroethene	ND		0.0250	1	04/16/2020 02:37	WG1461183
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 02:37	WG1461183
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 02:37	WG1461183
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 02:37	WG1461183
Vinyl chloride	ND		0.0625	1	04/16/2020 02:37	WG1461183
Xylenes, Total	ND		0.163	1	04/16/2020 02:37	WG1461183
(S) Toluene-d8	*102*		*75.0-131*		*04/16/2020 02:37*	WG1461183
(S) 4-Bromofluorobenzene	*98.8*		*67.0-138*		*04/16/2020 02:37*	WG1461183
(S) 1,2-Dichloroethane-d4	*86.6*		*70.0-130*		*04/16/2020 02:37*	WG1461183

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 15:28	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 15:28	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 15:28	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 15:28	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 15:28	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 15:28	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 15:28	WG1462377
(S) Decachlorobiphenyl	*99.5*		*10.0-135*		*04/18/2020 15:28*	WG1462377
(S) Tetrachloro-m-xylene	*95.6*		*10.0-139*		*04/18/2020 15:28*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 11:27	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 11:27	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 11:27	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:27	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:27	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 11:27	WG1462386
(S) p-Terphenyl-d14	*55.8*		*23.0-120*		*04/18/2020 11:27*	WG1462386
(S) Nitrobenzene-d5	*62.2*		*14.0-149*		*04/18/2020 11:27*	WG1462386
(S) 2-Fluorobiphenyl	*56.3*		*34.0-125*		*04/18/2020 11:27*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:26	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.49		2.00	1	04/18/2020 21:52	WG1462040
Barium	77.7		0.500	1	04/18/2020 21:52	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:52	WG1462040
Chromium	11.4		1.00	1	04/18/2020 21:52	WG1462040
Lead	10.2		0.500	1	04/18/2020 21:52	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:52	WG1462040
Silver	ND		1.00	1	04/18/2020 21:52	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 21:01	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 21:01	WG1461274
Benzene	ND		0.0250	1	04/15/2020 21:01	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 21:01	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
Bromoform	ND		0.625	1	04/15/2020 21:01	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 21:01	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 21:01	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 21:01	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 21:01	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 21:01	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 21:01	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 21:01	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 21:01	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 21:01	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 21:01	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 21:01	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 21:01	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 21:01	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 21:01	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 21:01	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 21:01	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 21:01	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 21:01	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 21:01	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 21:01	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 21:01	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 21:01	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 21:01	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 21:01	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 21:01	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 21:01	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 21:01	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 21:01	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 21:01	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 21:01	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 21:01	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 21:01	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 21:01	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 21:01	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 21:01	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 21:01	WG1461274
Propene	ND		1.25	1	04/15/2020 21:01	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
Styrene	ND		0.313	1	04/15/2020 21:01	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 21:01	WG1461274
Toluene	ND		0.125	1	04/15/2020 21:01	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 21:01	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 21:01	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 21:01	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 21:01	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 21:01	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 21:01	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 21:01	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 21:01	WG1461274
(S) Toluene-d8	*101*		*75.0-131*		*04/15/2020 21:01*	WG1461274
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/15/2020 21:01*	WG1461274
(S) 1,2-Dichloroethane-d4	*98.9*		*70.0-130*		*04/15/2020 21:01*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 15:42	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 15:42	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 15:42	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 15:42	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 15:42	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 15:42	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 15:42	WG1462377
(S) Decachlorobiphenyl	*89.3*		*10.0-135*		*04/18/2020 15:42*	WG1462377
(S) Tetrachloro-m-xylene	*87.8*		*10.0-139*		*04/18/2020 15:42*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Chrysene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Fluoranthene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 11:48	WG1462386
Phenanthrene	ND		0.00600	1	04/18/2020 11:48	WG1462386
Pyrene	ND		0.00600	1	04/18/2020 11:48	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:48	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:48	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 11:48	WG1462386
(S) p-Terphenyl-d14	*52.9*		*23.0-120*		*04/18/2020 11:48*	WG1462386
(S) Nitrobenzene-d5	*63.0*		*14.0-149*		*04/18/2020 11:48*	WG1462386
(S) 2-Fluorobiphenyl	*58.0*		*34.0-125*		*04/18/2020 11:48*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0882		0.0400	1	04/20/2020 11:29	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	15.1		2.00	1	04/18/2020 21:55	WG1462040
Barium	123		0.500	1	04/18/2020 21:55	WG1462040
Cadmium	0.787		0.500	1	04/18/2020 21:55	WG1462040
Chromium	14.7		1.00	1	04/18/2020 21:55	WG1462040
Lead	276		0.500	1	04/20/2020 00:17	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:55	WG1462040
Silver	ND		1.00	1	04/18/2020 21:55	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.31	1.05	04/15/2020 21:20	WG1461274
Acrylonitrile	ND	R7	0.328	1.05	04/15/2020 21:20	WG1461274
Benzene	ND		0.0263	1.05	04/15/2020 21:20	WG1461274
Bromobenzene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
Bromodichloromethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Bromoform	ND		0.656	1.05	04/15/2020 21:20	WG1461274
Bromomethane	ND		0.328	1.05	04/15/2020 21:20	WG1461274
1,3-Butadiene	ND		0.656	1.05	04/15/2020 21:20	WG1461274
n-Butylbenzene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
sec-Butylbenzene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
tert-Butylbenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Carbon disulfide	ND		0.328	1.05	04/15/2020 21:20	WG1461274
Carbon tetrachloride	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Chlorobenzene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Chlorodibromomethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Chloroethane	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Chloroform	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Chloromethane	ND		0.328	1.05	04/15/2020 21:20	WG1461274
2-Chlorotoluene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
4-Chlorotoluene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Cyclohexane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.656	1.05	04/15/2020 21:20	WG1461274
1,2-Dibromoethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Dibromomethane	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,2-Dichlorobenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,3-Dichlorobenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,4-Dichlorobenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Dichlorodifluoromethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,1-Dichloroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,2-Dichloroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,1-Dichloroethene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
cis-1,2-Dichloroethene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
trans-1,2-Dichloroethene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,2-Dichloropropane	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,1-Dichloropropene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,3-Dichloropropane	ND		0.131	1.05	04/15/2020 21:20	WG1461274
cis-1,3-Dichloropropene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
trans-1,3-Dichloropropene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
2,2-Dichloropropane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
Di-isopropyl ether	ND		0.0263	1.05	04/15/2020 21:20	WG1461274
Ethylbenzene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
4-Ethyltoluene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Hexachloro-1,3-butadiene	ND		0.656	1.05	04/15/2020 21:20	WG1461274
n-Hexane	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Isopropylbenzene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
p-Isopropyltoluene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
2-Butanone (MEK)	ND		2.63	1.05	04/15/2020 21:20	WG1461274
Methylene Chloride	ND		0.656	1.05	04/15/2020 21:20	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.656	1.05	04/15/2020 21:20	WG1461274
Methyl tert-butyl ether	ND		0.0263	1.05	04/15/2020 21:20	WG1461274
Methyl Cyclohexane	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Naphthalene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
Propene	ND		1.31	1.05	04/15/2020 21:20	WG1461274
n-Propylbenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Styrene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Tetrachloroethene	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Toluene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,2,3-Trichlorobenzene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
1,2,4-Trichlorobenzene	ND		0.328	1.05	04/15/2020 21:20	WG1461274
1,1,1-Trichloroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,1,2-Trichloroethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Trichloroethene	ND		0.0263	1.05	04/15/2020 21:20	WG1461274
Trichlorofluoromethane	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
1,2,3-Trichloropropane	ND		0.328	1.05	04/15/2020 21:20	WG1461274
1,2,4-Trimethylbenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,2,3-Trimethylbenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
1,3,5-Trimethylbenzene	ND		0.131	1.05	04/15/2020 21:20	WG1461274
Vinyl chloride	ND		0.0656	1.05	04/15/2020 21:20	WG1461274
Xylenes, Total	ND		0.171	1.05	04/15/2020 21:20	WG1461274
(S) Toluene-d8	*103*		*75.0-131*		*04/15/2020 21:20*	WG1461274
(S) 4-Bromofluorobenzene	*99.5*		*67.0-138*		*04/15/2020 21:20*	WG1461274
(S) 1,2-Dichloroethane-d4	*97.5*		*70.0-130*		*04/15/2020 21:20*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 15:56	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 15:56	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 15:56	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 15:56	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 15:56	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 15:56	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 15:56	WG1462377
(S) Decachlorobiphenyl	*93.4*		*10.0-135*		*04/18/2020 15:56*	WG1462377
(S) Tetrachloro-m-xylene	*87.4*		*10.0-139*		*04/18/2020 15:56*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Acenaphthene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Acenaphthylene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Benzo(a)pyrene	0.00626		0.00600	1	04/18/2020 12:09	WG1462386
Benzo(b)fluoranthene	0.0125		0.00600	1	04/18/2020 12:09	WG1462386
Benzo(g,h,i)perylene	0.0116		0.00600	1	04/18/2020 12:09	WG1462386
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Chrysene	0.00807		0.00600	1	04/18/2020 12:09	WG1462386
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Fluoranthene	0.0196		0.00600	1	04/18/2020 12:09	WG1462386
Fluorene	ND		0.00600	1	04/18/2020 12:09	WG1462386
Indeno(1,2,3-cd)pyrene	0.00637		0.00600	1	04/18/2020 12:09	WG1462386
Naphthalene	ND		0.0200	1	04/18/2020 12:09	WG1462386
Phenanthrene	0.00767		0.00600	1	04/18/2020 12:09	WG1462386
Pyrene	0.0156		0.00600	1	04/18/2020 12:09	WG1462386
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 12:09	WG1462386
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 12:09	WG1462386
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 12:09	WG1462386
(S) p-Terphenyl-d14	*77.0*		*23.0-120*		*04/18/2020 12:09*	WG1462386
(S) Nitrobenzene-d5	*70.1*		*14.0-149*		*04/18/2020 12:09*	WG1462386
(S) 2-Fluorobiphenyl	*69.2*		*34.0-125*		*04/18/2020 12:09*	WG1462386

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:31	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.44		2.00	1	04/18/2020 21:58	WG1462040
Barium	111		0.500	1	04/18/2020 21:58	WG1462040
Cadmium	ND		0.500	1	04/18/2020 21:58	WG1462040
Chromium	12.3		1.00	1	04/18/2020 21:58	WG1462040
Lead	31.8		0.500	1	04/18/2020 21:58	WG1462040
Selenium	ND		2.00	1	04/18/2020 21:58	WG1462040
Silver	ND		1.00	1	04/18/2020 21:58	WG1462040

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 21:39	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 21:39	WG1461274
Benzene	ND		0.0250	1	04/15/2020 21:39	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 21:39	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
Bromoform	ND		0.625	1	04/15/2020 21:39	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 21:39	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 21:39	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 21:39	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 21:39	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 21:39	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 21:39	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 21:39	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 21:39	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 21:39	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 21:39	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 21:39	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 21:39	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 21:39	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 21:39	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 21:39	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 21:39	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 21:39	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 21:39	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 21:39	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 21:39	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 21:39	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 21:39	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 21:39	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 21:39	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 21:39	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 21:39	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 21:39	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 21:39	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 21:39	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 21:39	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 21:39	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 21:39	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 21:39	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 21:39	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 21:39	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 21:39	WG1461274
Propene	ND		1.25	1	04/15/2020 21:39	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
Styrene	ND		0.313	1	04/15/2020 21:39	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 21:39	WG1461274
Toluene	ND		0.125	1	04/15/2020 21:39	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 21:39	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 21:39	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 21:39	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 21:39	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 21:39	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 21:39	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 21:39	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 21:39	WG1461274
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 21:39*	WG1461274
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/15/2020 21:39*	WG1461274
(S) 1,2-Dichloroethane-d4	*96.9*		*70.0-130*		*04/15/2020 21:39*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 16:11	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 16:11	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 16:11	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 16:11	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 16:11	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 16:11	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 16:11	WG1462377
(S) Decachlorobiphenyl	*90.6*		*10.0-135*		*04/18/2020 16:11*	WG1462377
(S) Tetrachloro-m-xylene	*84.6*		*10.0-139*		*04/18/2020 16:11*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 08:38	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 08:38	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 08:38	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:38	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 08:38	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 08:38	WG1462387
(S) p-Terphenyl-d14	*76.1*		*23.0-120*		*04/18/2020 08:38*	WG1462387
(S) Nitrobenzene-d5	*93.4*		*14.0-149*		*04/18/2020 08:38*	WG1462387
(S) 2-Fluorobiphenyl	*68.7*		*34.0-125*		*04/18/2020 08:38*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:33	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.73		2.00	1	04/18/2020 11:53	WG1462062
Barium	96.1		0.500	1	04/18/2020 11:53	WG1462062
Cadmium	ND		0.500	1	04/18/2020 11:53	WG1462062
Chromium	12.7		1.00	1	04/18/2020 11:53	WG1462062
Lead	16.5		0.500	1	04/18/2020 11:53	WG1462062
Selenium	ND		2.00	1	04/18/2020 11:53	WG1462062
Silver	ND		1.00	1	04/18/2020 11:53	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 21:58	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 21:58	WG1461274
Benzene	ND		0.0250	1	04/15/2020 21:58	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 21:58	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
Bromoform	ND		0.625	1	04/15/2020 21:58	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 21:58	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 21:58	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 21:58	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 21:58	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 21:58	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 21:58	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 21:58	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 21:58	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 21:58	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 21:58	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 21:58	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 21:58	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 21:58	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 21:58	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 21:58	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 21:58	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 21:58	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 21:58	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 21:58	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 21:58	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 21:58	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 21:58	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 21:58	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 21:58	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 21:58	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 21:58	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 21:58	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 21:58	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 21:58	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 21:58	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 21:58	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 21:58	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 21:58	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 21:58	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 21:58	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 21:58	WG1461274
Propene	ND		1.25	1	04/15/2020 21:58	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
Styrene	ND		0.313	1	04/15/2020 21:58	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 21:58	WG1461274
Toluene	ND		0.125	1	04/15/2020 21:58	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 21:58	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 21:58	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 21:58	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 21:58	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 21:58	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 21:58	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 21:58	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 21:58	WG1461274
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 21:58*	WG1461274
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/15/2020 21:58*	WG1461274
(S) 1,2-Dichloroethane-d4	*98.9*		*70.0-130*		*04/15/2020 21:58*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 16:25	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 16:25	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 16:25	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 16:25	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 16:25	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 16:25	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 16:25	WG1462377
(S) Decachlorobiphenyl	*102*		*10.0-135*		*04/18/2020 16:25*	WG1462377
(S) Tetrachloro-m-xylene	*97.4*		*10.0-139*		*04/18/2020 16:25*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 09:01	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 09:01	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 09:01	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:01	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:01	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 09:01	WG1462387
(S) p-Terphenyl-d14	*79.3*		*23.0-120*		*04/18/2020 09:01*	WG1462387
(S) Nitrobenzene-d5	*99.3*		*14.0-149*		*04/18/2020 09:01*	WG1462387
(S) 2-Fluorobiphenyl	*72.5*		*34.0-125*		*04/18/2020 09:01*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:36	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.18		2.00	1	04/18/2020 11:55	WG1462062
Barium	98.3		0.500	1	04/18/2020 11:55	WG1462062
Cadmium	ND		0.500	1	04/18/2020 11:55	WG1462062
Chromium	13.6		1.00	1	04/18/2020 11:55	WG1462062
Lead	14.6		0.500	1	04/18/2020 11:55	WG1462062
Selenium	ND		2.00	1	04/18/2020 11:55	WG1462062
Silver	ND		1.00	1	04/18/2020 11:55	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 22:17	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 22:17	WG1461274
Benzene	ND		0.0250	1	04/15/2020 22:17	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 22:17	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
Bromoform	ND		0.625	1	04/15/2020 22:17	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 22:17	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 22:17	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 22:17	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 22:17	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 22:17	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 22:17	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 22:17	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 22:17	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 22:17	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 22:17	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 22:17	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 22:17	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 22:17	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 22:17	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 22:17	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 22:17	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 22:17	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 22:17	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 22:17	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 22:17	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 22:17	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 22:17	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 22:17	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 22:17	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 22:17	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 22:17	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 22:17	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 22:17	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 22:17	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 22:17	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 22:17	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 22:17	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 22:17	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 22:17	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 22:17	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 22:17	WG1461274
Propene	ND		1.25	1	04/15/2020 22:17	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
Styrene	ND		0.313	1	04/15/2020 22:17	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 22:17	WG1461274
Toluene	ND		0.125	1	04/15/2020 22:17	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 22:17	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 22:17	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 22:17	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 22:17	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 22:17	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 22:17	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 22:17	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 22:17	WG1461274
(S) Toluene-d8	*106*		*75.0-131*		*04/15/2020 22:17*	WG1461274
(S) 4-Bromofluorobenzene	*94.0*		*67.0-138*		*04/15/2020 22:17*	WG1461274
(S) 1,2-Dichloroethane-d4	*94.4*		*70.0-130*		*04/15/2020 22:17*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 16:39	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 16:39	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 16:39	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 16:39	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 16:39	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 16:39	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 16:39	WG1462377
(S) Decachlorobiphenyl	*92.3*		*10.0-135*		*04/18/2020 16:39*	WG1462377
(S) Tetrachloro-m-xylene	*89.0*		*10.0-139*		*04/18/2020 16:39*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 09:23	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 09:23	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 09:23	WG1462387
(S) p-Terphenyl-d14	*84.0*		*23.0-120*		*04/18/2020 09:23*	WG1462387
(S) Nitrobenzene-d5	*104*		*14.0-149*		*04/18/2020 09:23*	WG1462387
(S) 2-Fluorobiphenyl	*75.6*		*34.0-125*		*04/18/2020 09:23*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:38	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.52		2.00	1	04/18/2020 11:58	WG1462062
Barium	40.3		0.500	1	04/18/2020 11:58	WG1462062
Cadmium	ND		0.500	1	04/18/2020 11:58	WG1462062
Chromium	3.43		1.00	1	04/18/2020 11:58	WG1462062
Lead	6.56		0.500	1	04/18/2020 11:58	WG1462062
Selenium	ND		2.00	1	04/18/2020 11:58	WG1462062
Silver	ND		1.00	1	04/18/2020 11:58	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 22:36	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 22:36	WG1461274
Benzene	ND		0.0250	1	04/15/2020 22:36	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 22:36	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
Bromoform	ND		0.625	1	04/15/2020 22:36	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 22:36	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 22:36	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 22:36	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 22:36	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 22:36	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 22:36	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 22:36	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 22:36	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 22:36	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 22:36	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 22:36	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 22:36	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 22:36	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 22:36	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 22:36	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 22:36	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 22:36	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 22:36	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 22:36	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 22:36	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 22:36	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 22:36	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 22:36	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 22:36	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 22:36	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 22:36	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 22:36	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 22:36	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 22:36	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 22:36	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 22:36	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 22:36	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 22:36	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 22:36	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 22:36	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 22:36	WG1461274
Propene	ND		1.25	1	04/15/2020 22:36	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
Styrene	ND		0.313	1	04/15/2020 22:36	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 22:36	WG1461274
Toluene	ND		0.125	1	04/15/2020 22:36	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 22:36	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 22:36	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 22:36	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 22:36	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 22:36	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 22:36	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 22:36	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 22:36	WG1461274
(S) Toluene-d8	*102*		*75.0-131*		*04/15/2020 22:36*	WG1461274
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/15/2020 22:36*	WG1461274
(S) 1,2-Dichloroethane-d4	*98.5*		*70.0-130*		*04/15/2020 22:36*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 16:53	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 16:53	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 16:53	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 16:53	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 16:53	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 16:53	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 16:53	WG1462377
(S) Decachlorobiphenyl	*99.4*		*10.0-135*		*04/18/2020 16:53*	WG1462377
(S) Tetrachloro-m-xylene	*93.7*		*10.0-139*		*04/18/2020 16:53*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 09:45	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 09:45	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 09:45	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:45	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 09:45	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 09:45	WG1462387
(S) p-Terphenyl-d14	*95.1*		*23.0-120*		*04/18/2020 09:45*	WG1462387
(S) Nitrobenzene-d5	*117*		*14.0-149*		*04/18/2020 09:45*	WG1462387
(S) 2-Fluorobiphenyl	*85.9*		*34.0-125*		*04/18/2020 09:45*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:45	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.12		2.00	1	04/18/2020 12:06	WG1462062
Barium	47.4		0.500	1	04/18/2020 12:06	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:06	WG1462062
Chromium	4.75		1.00	1	04/18/2020 12:06	WG1462062
Lead	14.0		0.500	1	04/18/2020 12:06	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:06	WG1462062
Silver	ND		1.00	1	04/18/2020 12:06	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 22:55	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 22:55	WG1461274
Benzene	ND		0.0250	1	04/15/2020 22:55	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 22:55	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
Bromoform	ND		0.625	1	04/15/2020 22:55	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 22:55	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 22:55	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 22:55	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 22:55	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 22:55	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 22:55	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 22:55	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 22:55	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 22:55	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 22:55	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 22:55	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 22:55	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 22:55	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 22:55	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 22:55	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 22:55	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 22:55	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 22:55	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 22:55	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 22:55	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 22:55	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 22:55	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 22:55	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 22:55	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 22:55	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 22:55	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 22:55	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 22:55	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 22:55	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 22:55	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 22:55	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 22:55	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 22:55	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 22:55	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 22:55	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 22:55	WG1461274
Propene	ND		1.25	1	04/15/2020 22:55	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
Styrene	ND		0.313	1	04/15/2020 22:55	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 22:55	WG1461274
Toluene	ND		0.125	1	04/15/2020 22:55	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 22:55	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 22:55	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 22:55	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 22:55	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 22:55	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 22:55	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 22:55	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 22:55	WG1461274
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 22:55*	WG1461274
(S) 4-Bromofluorobenzene	*99.3*		*67.0-138*		*04/15/2020 22:55*	WG1461274
(S) 1,2-Dichloroethane-d4	*95.8*		*70.0-130*		*04/15/2020 22:55*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 17:07	WG1462377
PCB 1221	ND		0.0340	1	04/18/2020 17:07	WG1462377
PCB 1232	ND		0.0340	1	04/18/2020 17:07	WG1462377
PCB 1242	ND		0.0340	1	04/18/2020 17:07	WG1462377
PCB 1248	ND		0.0170	1	04/18/2020 17:07	WG1462377
PCB 1254	ND		0.0170	1	04/18/2020 17:07	WG1462377
PCB 1260	ND		0.0170	1	04/18/2020 17:07	WG1462377
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/18/2020 17:07*	WG1462377
(S) Tetrachloro-m-xylene	*100*		*10.0-139*		*04/18/2020 17:07*	WG1462377

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 10:07	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 10:07	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 10:07	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:07	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:07	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 10:07	WG1462387
(S) p-Terphenyl-d14	*91.0*		*23.0-120*		*04/18/2020 10:07*	WG1462387
(S) Nitrobenzene-d5	*110*		*14.0-149*		*04/18/2020 10:07*	WG1462387
(S) 2-Fluorobiphenyl	*81.7*		*34.0-125*		*04/18/2020 10:07*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:48	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.83		2.00	1	04/18/2020 12:09	WG1462062
Barium	145		0.500	1	04/18/2020 12:09	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:09	WG1462062
Chromium	3.73		1.00	1	04/18/2020 12:09	WG1462062
Lead	5.86		0.500	1	04/18/2020 12:09	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:09	WG1462062
Silver	ND		1.00	1	04/18/2020 12:09	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 23:14	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 23:14	WG1461274
Benzene	ND		0.0250	1	04/15/2020 23:14	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 23:14	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
Bromoform	ND		0.625	1	04/15/2020 23:14	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 23:14	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 23:14	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 23:14	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 23:14	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 23:14	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 23:14	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 23:14	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 23:14	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 23:14	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 23:14	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 23:14	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 23:14	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 23:14	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 23:14	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 23:14	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 23:14	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 23:14	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 23:14	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 23:14	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 23:14	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 23:14	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 23:14	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 23:14	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 23:14	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 23:14	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 23:14	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 23:14	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 23:14	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 23:14	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 23:14	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 23:14	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 23:14	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 23:14	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 23:14	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 23:14	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 23:14	WG1461274
Propene	ND		1.25	1	04/15/2020 23:14	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
Styrene	ND		0.313	1	04/15/2020 23:14	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 23:14	WG1461274
Toluene	ND		0.125	1	04/15/2020 23:14	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 23:14	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 23:14	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 23:14	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 23:14	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 23:14	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 23:14	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 23:14	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 23:14	WG1461274
(S) Toluene-d8	*102*		*75.0-131*		*04/15/2020 23:14*	WG1461274
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/15/2020 23:14*	WG1461274
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*04/15/2020 23:14*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 18:32	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 18:32	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 18:32	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 18:32	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 18:32	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 18:32	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 18:32	WG1462541
(S) Decachlorobiphenyl	*98.8*		*10.0-135*		*04/18/2020 18:32*	WG1462541
(S) Tetrachloro-m-xylene	*90.8*		*10.0-139*		*04/18/2020 18:32*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 10:29	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 10:29	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 10:29	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:29	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:29	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 10:29	WG1462387
(S) p-Terphenyl-d14	*92.0*		*23.0-120*		*04/18/2020 10:29*	WG1462387
(S) Nitrobenzene-d5	*114*		*14.0-149*		*04/18/2020 10:29*	WG1462387
(S) 2-Fluorobiphenyl	*82.5*		*34.0-125*		*04/18/2020 10:29*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:50	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.08		2.00	1	04/18/2020 12:12	WG1462062
Barium	292		0.500	1	04/18/2020 12:12	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:12	WG1462062
Chromium	13.9		1.00	1	04/18/2020 12:12	WG1462062
Lead	23.6		0.500	1	04/18/2020 12:12	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:12	WG1462062
Silver	ND		1.00	1	04/18/2020 12:12	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 23:33	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 23:33	WG1461274
Benzene	ND		0.0250	1	04/15/2020 23:33	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 23:33	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
Bromoform	ND		0.625	1	04/15/2020 23:33	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 23:33	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 23:33	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 23:33	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 23:33	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 23:33	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 23:33	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 23:33	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 23:33	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 23:33	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 23:33	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 23:33	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 23:33	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 23:33	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 23:33	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 23:33	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 23:33	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 23:33	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 23:33	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 23:33	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 23:33	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 23:33	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 23:33	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 23:33	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 23:33	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 23:33	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 23:33	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 23:33	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 23:33	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 23:33	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 23:33	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 23:33	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 23:33	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 23:33	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 23:33	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 23:33	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 23:33	WG1461274
Propene	ND		1.25	1	04/15/2020 23:33	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
Styrene	ND		0.313	1	04/15/2020 23:33	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 23:33	WG1461274
Toluene	ND		0.125	1	04/15/2020 23:33	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 23:33	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 23:33	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 23:33	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 23:33	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 23:33	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 23:33	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 23:33	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 23:33	WG1461274
(S) Toluene-d8	*106*		*75.0-131*		*04/15/2020 23:33*	WG1461274
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*04/15/2020 23:33*	WG1461274
(S) 1,2-Dichloroethane-d4	*94.0*		*70.0-130*		*04/15/2020 23:33*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 19:15	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 19:15	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 19:15	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 19:15	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 19:15	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 19:15	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 19:15	WG1462541
(S) Decachlorobiphenyl	*97.1*		*10.0-135*		*04/18/2020 19:15*	WG1462541
(S) Tetrachloro-m-xylene	*92.6*		*10.0-139*		*04/18/2020 19:15*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 10:51	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 10:51	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 10:51	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:51	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 10:51	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 10:51	WG1462387
(S) p-Terphenyl-d14	*63.9*		*23.0-120*		*04/18/2020 10:51*	WG1462387
(S) Nitrobenzene-d5	*91.1*		*14.0-149*		*04/18/2020 10:51*	WG1462387
(S) 2-Fluorobiphenyl	*61.2*		*34.0-125*		*04/18/2020 10:51*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.115		0.0400	1	04/20/2020 11:52	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/18/2020 12:15	WG1462062
Barium	76.7		0.500	1	04/18/2020 12:15	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:15	WG1462062
Chromium	13.1		1.00	1	04/18/2020 12:15	WG1462062
Lead	10.3		0.500	1	04/18/2020 12:15	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:15	WG1462062
Silver	ND		1.00	1	04/18/2020 12:15	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/15/2020 23:52	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/15/2020 23:52	WG1461274
Benzene	ND		0.0250	1	04/15/2020 23:52	WG1461274
Bromobenzene	ND		0.313	1	04/15/2020 23:52	WG1461274
Bromodichloromethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
Bromoform	ND		0.625	1	04/15/2020 23:52	WG1461274
Bromomethane	ND		0.313	1	04/15/2020 23:52	WG1461274
1,3-Butadiene	ND		0.625	1	04/15/2020 23:52	WG1461274
n-Butylbenzene	ND		0.313	1	04/15/2020 23:52	WG1461274
sec-Butylbenzene	ND		0.313	1	04/15/2020 23:52	WG1461274
tert-Butylbenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
Carbon disulfide	ND		0.313	1	04/15/2020 23:52	WG1461274
Carbon tetrachloride	ND		0.125	1	04/15/2020 23:52	WG1461274
Chlorobenzene	ND		0.0625	1	04/15/2020 23:52	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
Chloroethane	ND		0.125	1	04/15/2020 23:52	WG1461274
Chloroform	ND		0.0625	1	04/15/2020 23:52	WG1461274
Chloromethane	ND		0.313	1	04/15/2020 23:52	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/15/2020 23:52	WG1461274
4-Chlorotoluene	ND		0.125	1	04/15/2020 23:52	WG1461274
Cyclohexane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/15/2020 23:52	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
Dibromomethane	ND		0.125	1	04/15/2020 23:52	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/15/2020 23:52	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/15/2020 23:52	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/15/2020 23:52	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/15/2020 23:52	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/15/2020 23:52	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/15/2020 23:52	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/15/2020 23:52	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/15/2020 23:52	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/15/2020 23:52	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/15/2020 23:52	WG1461274
Ethylbenzene	ND		0.0625	1	04/15/2020 23:52	WG1461274
4-Ethyltoluene	ND		0.125	1	04/15/2020 23:52	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/15/2020 23:52	WG1461274
n-Hexane	ND		0.125	1	04/15/2020 23:52	WG1461274
Isopropylbenzene	ND		0.0625	1	04/15/2020 23:52	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/15/2020 23:52	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/15/2020 23:52	WG1461274
Methylene Chloride	ND		0.625	1	04/15/2020 23:52	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/15/2020 23:52	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/15/2020 23:52	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/15/2020 23:52	WG1461274
Naphthalene	ND		0.313	1	04/15/2020 23:52	WG1461274
Propene	ND		1.25	1	04/15/2020 23:52	WG1461274
n-Propylbenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
Styrene	ND		0.313	1	04/15/2020 23:52	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
Tetrachloroethene	ND		0.0625	1	04/15/2020 23:52	WG1461274
Toluene	ND		0.125	1	04/15/2020 23:52	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/15/2020 23:52	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/15/2020 23:52	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
Trichloroethene	ND		0.0250	1	04/15/2020 23:52	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/15/2020 23:52	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/15/2020 23:52	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/15/2020 23:52	WG1461274
Vinyl chloride	ND		0.0625	1	04/15/2020 23:52	WG1461274
Xylenes, Total	ND		0.163	1	04/15/2020 23:52	WG1461274
(S) Toluene-d8	*104*		*75.0-131*		*04/15/2020 23:52*	WG1461274
(S) 4-Bromofluorobenzene	*100*		*67.0-138*		*04/15/2020 23:52*	WG1461274
(S) 1,2-Dichloroethane-d4	*98.5*		*70.0-130*		*04/15/2020 23:52*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 19:29	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 19:29	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 19:29	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 19:29	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 19:29	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 19:29	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 19:29	WG1462541
(S) Decachlorobiphenyl	*93.1*		*10.0-135*		*04/18/2020 19:29*	WG1462541
(S) Tetrachloro-m-xylene	*88.7*		*10.0-139*		*04/18/2020 19:29*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Naphthalene	ND	R5	0.0200	1	04/18/2020 11:14	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 11:14	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 11:14	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 11:14	WG1462387
2-Methylnaphthalene	ND	R5	0.0200	1	04/18/2020 11:14	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 11:14	WG1462387
(S) p-Terphenyl-d14	*68.4*		*23.0-120*		*04/18/2020 11:14*	WG1462387
(S) Nitrobenzene-d5	*90.5*		*14.0-149*		*04/18/2020 11:14*	WG1462387
(S) 2-Fluorobiphenyl	*63.5*		*34.0-125*		*04/18/2020 11:14*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.109		0.0400	1	04/20/2020 11:55	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.88		2.00	1	04/18/2020 12:18	WG1462062
Barium	137		0.500	1	04/18/2020 12:18	WG1462062
Cadmium	0.683		0.500	1	04/18/2020 12:18	WG1462062
Chromium	14.9		1.00	1	04/18/2020 12:18	WG1462062
Lead	112		0.500	1	04/18/2020 12:18	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:18	WG1462062
Silver	ND		1.00	1	04/18/2020 12:18	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.33	1.06	04/16/2020 00:11	WG1461274
Acrylonitrile	ND	R7	0.331	1.06	04/16/2020 00:11	WG1461274
Benzene	ND		0.0265	1.06	04/16/2020 00:11	WG1461274
Bromobenzene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
Bromodichloromethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Bromoform	ND		0.663	1.06	04/16/2020 00:11	WG1461274
Bromomethane	ND		0.331	1.06	04/16/2020 00:11	WG1461274
1,3-Butadiene	ND		0.663	1.06	04/16/2020 00:11	WG1461274
n-Butylbenzene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
sec-Butylbenzene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
tert-Butylbenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Carbon disulfide	ND		0.331	1.06	04/16/2020 00:11	WG1461274
Carbon tetrachloride	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Chlorobenzene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Chlorodibromomethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Chloroethane	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Chloroform	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Chloromethane	ND		0.331	1.06	04/16/2020 00:11	WG1461274
2-Chlorotoluene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
4-Chlorotoluene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Cyclohexane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.663	1.06	04/16/2020 00:11	WG1461274
1,2-Dibromoethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Dibromomethane	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,2-Dichlorobenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,3-Dichlorobenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,4-Dichlorobenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Dichlorodifluoromethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,1-Dichloroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,2-Dichloroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,1-Dichloroethene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
cis-1,2-Dichloroethene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
trans-1,2-Dichloroethene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,2-Dichloropropane	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,1-Dichloropropene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,3-Dichloropropane	ND		0.133	1.06	04/16/2020 00:11	WG1461274
cis-1,3-Dichloropropene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
trans-1,3-Dichloropropene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
2,2-Dichloropropane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
Di-isopropyl ether	ND		0.0265	1.06	04/16/2020 00:11	WG1461274
Ethylbenzene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
4-Ethyltoluene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Hexachloro-1,3-butadiene	ND		0.663	1.06	04/16/2020 00:11	WG1461274
n-Hexane	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Isopropylbenzene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
p-Isopropyltoluene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
2-Butanone (MEK)	ND		2.65	1.06	04/16/2020 00:11	WG1461274
Methylene Chloride	ND		0.663	1.06	04/16/2020 00:11	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.663	1.06	04/16/2020 00:11	WG1461274
Methyl tert-butyl ether	ND		0.0265	1.06	04/16/2020 00:11	WG1461274
Methyl Cyclohexane	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Naphthalene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
Propene	ND		1.33	1.06	04/16/2020 00:11	WG1461274
n-Propylbenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Styrene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Tetrachloroethene	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Toluene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,2,3-Trichlorobenzene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
1,2,4-Trichlorobenzene	ND		0.331	1.06	04/16/2020 00:11	WG1461274
1,1,1-Trichloroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,1,2-Trichloroethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Trichloroethene	ND		0.0265	1.06	04/16/2020 00:11	WG1461274
Trichlorofluoromethane	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
1,2,3-Trichloropropane	ND		0.331	1.06	04/16/2020 00:11	WG1461274
1,2,4-Trimethylbenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,2,3-Trimethylbenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
1,3,5-Trimethylbenzene	ND		0.133	1.06	04/16/2020 00:11	WG1461274
Vinyl chloride	ND		0.0663	1.06	04/16/2020 00:11	WG1461274
Xylenes, Total	ND		0.172	1.06	04/16/2020 00:11	WG1461274
(S) Toluene-d8	*103*		*75.0-131*		*04/16/2020 00:11*	WG1461274
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/16/2020 00:11*	WG1461274
(S) 1,2-Dichloroethane-d4	*97.9*		*70.0-130*		*04/16/2020 00:11*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 19:43	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 19:43	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 19:43	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 19:43	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 19:43	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 19:43	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 19:43	WG1462541
(S) Decachlorobiphenyl	*84.4*		*10.0-135*		*04/18/2020 19:43*	WG1462541
(S) Tetrachloro-m-xylene	*81.3*		*10.0-139*		*04/18/2020 19:43*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Benzo(a)pyrene	0.00657		0.00600	1	04/18/2020 16:24	WG1462387
Benzo(b)fluoranthene	0.0124		0.00600	1	04/18/2020 16:24	WG1462387
Benzo(g,h,i)perylene	0.0100		0.00600	1	04/18/2020 16:24	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Chrysene	0.00706		0.00600	1	04/18/2020 16:24	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Fluoranthene	0.0114		0.00600	1	04/18/2020 16:24	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Indeno(1,2,3-cd)pyrene	0.00656		0.00600	1	04/18/2020 16:24	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 16:24	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 16:24	WG1462387
Pyrene	0.0109		0.00600	1	04/18/2020 16:24	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 16:24	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 16:24	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 16:24	WG1462387
(S) p-Terphenyl-d14	*85.7*		*23.0-120*		*04/18/2020 16:24*	WG1462387
(S) Nitrobenzene-d5	*106*		*14.0-149*		*04/18/2020 16:24*	WG1462387
(S) 2-Fluorobiphenyl	*78.0*		*34.0-125*		*04/18/2020 16:24*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:57	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.10		2.00	1	04/18/2020 12:21	WG1462062
Barium	85.1		0.500	1	04/18/2020 12:21	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:21	WG1462062
Chromium	13.0		1.00	1	04/18/2020 12:21	WG1462062
Lead	15.9		0.500	1	04/18/2020 12:21	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:21	WG1462062
Silver	ND		1.00	1	04/18/2020 12:21	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 00:30	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 00:30	WG1461274
Benzene	ND		0.0250	1	04/16/2020 00:30	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 00:30	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
Bromoform	ND		0.625	1	04/16/2020 00:30	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 00:30	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 00:30	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 00:30	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 00:30	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 00:30	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 00:30	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 00:30	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 00:30	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 00:30	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 00:30	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 00:30	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 00:30	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 00:30	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 00:30	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 00:30	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 00:30	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 00:30	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 00:30	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 00:30	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 00:30	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 00:30	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 00:30	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 00:30	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 00:30	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 00:30	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 00:30	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 00:30	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 00:30	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 00:30	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 00:30	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 00:30	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 00:30	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 00:30	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 00:30	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 00:30	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 00:30	WG1461274
Propene	ND		1.25	1	04/16/2020 00:30	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
Styrene	ND		0.313	1	04/16/2020 00:30	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 00:30	WG1461274
Toluene	ND		0.125	1	04/16/2020 00:30	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 00:30	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 00:30	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 00:30	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 00:30	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 00:30	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 00:30	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 00:30	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 00:30	WG1461274
(S) Toluene-d8	*101*		*75.0-131*		*04/16/2020 00:30*	WG1461274
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/16/2020 00:30*	WG1461274
(S) 1,2-Dichloroethane-d4	*97.5*		*70.0-130*		*04/16/2020 00:30*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 19:57	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 19:57	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 19:57	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 19:57	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 19:57	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 19:57	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 19:57	WG1462541
(S) Decachlorobiphenyl	*98.6*		*10.0-135*		*04/18/2020 19:57*	WG1462541
(S) Tetrachloro-m-xylene	*92.4*		*10.0-139*		*04/18/2020 19:57*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 12:20	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 12:20	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 12:20	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 12:20	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 12:20	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 12:20	WG1462387
(S) p-Terphenyl-d14	*71.1*		*23.0-120*		*04/18/2020 12:20*	WG1462387
(S) Nitrobenzene-d5	*88.1*		*14.0-149*		*04/18/2020 12:20*	WG1462387
(S) 2-Fluorobiphenyl	*63.7*		*34.0-125*		*04/18/2020 12:20*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 11:59	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.24		2.00	1	04/18/2020 12:24	WG1462062
Barium	83.3		0.500	1	04/18/2020 12:24	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:24	WG1462062
Chromium	11.9		1.00	1	04/18/2020 12:24	WG1462062
Lead	12.6		0.500	1	04/18/2020 12:24	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:24	WG1462062
Silver	ND		1.00	1	04/18/2020 12:24	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 00:49	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 00:49	WG1461274
Benzene	ND		0.0250	1	04/16/2020 00:49	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 00:49	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
Bromoform	ND		0.625	1	04/16/2020 00:49	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 00:49	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 00:49	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 00:49	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 00:49	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 00:49	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 00:49	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 00:49	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 00:49	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 00:49	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 00:49	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 00:49	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 00:49	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 00:49	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 00:49	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 00:49	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 00:49	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 00:49	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 00:49	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 00:49	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 00:49	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 00:49	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 00:49	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 00:49	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 00:49	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 00:49	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 00:49	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 00:49	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 00:49	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 00:49	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 00:49	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 00:49	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 00:49	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 00:49	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 00:49	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 00:49	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 00:49	WG1461274
Propene	ND		1.25	1	04/16/2020 00:49	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
Styrene	ND		0.313	1	04/16/2020 00:49	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 00:49	WG1461274
Toluene	ND		0.125	1	04/16/2020 00:49	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 00:49	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 00:49	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 00:49	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 00:49	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 00:49	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 00:49	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 00:49	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 00:49	WG1461274
(S) Toluene-d8	*103*		*75.0-131*		*04/16/2020 00:49*	WG1461274
(S) 4-Bromofluorobenzene	*107*		*67.0-138*		*04/16/2020 00:49*	WG1461274
(S) 1,2-Dichloroethane-d4	*97.4*		*70.0-130*		*04/16/2020 00:49*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 20:11	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 20:11	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 20:11	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 20:11	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 20:11	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 20:11	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 20:11	WG1462541
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/18/2020 20:11*	WG1462541
(S) Tetrachloro-m-xylene	*85.6*		*10.0-139*		*04/18/2020 20:11*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	1.65		0.00600	1	04/18/2020 12:42	WG1462387
Acenaphthene	0.391		0.0600	10	04/18/2020 16:46	WG1462387
Acenaphthylene	0.0703		0.0600	10	04/18/2020 16:46	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Fluoranthene	0.0244		0.00600	1	04/18/2020 12:42	WG1462387
Fluorene	0.241		0.0600	10	04/18/2020 16:46	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 12:42	WG1462387
Naphthalene	ND		0.200	10	04/18/2020 16:46	WG1462387
Phenanthrene	1.62		0.00600	1	04/18/2020 12:42	WG1462387
Pyrene	0.125		0.00600	1	04/18/2020 12:42	WG1462387
1-Methylnaphthalene	ND		0.200	10	04/18/2020 16:46	WG1462387
2-Methylnaphthalene	ND		0.200	10	04/18/2020 16:46	WG1462387
2-Chloronaphthalene	ND		0.200	10	04/18/2020 16:46	WG1462387
(S) p-Terphenyl-d14	*70.8*		*23.0-120*		*04/18/2020 12:42*	WG1462387
(S) p-Terphenyl-d14	*80.1*		*23.0-120*		*04/18/2020 16:46*	WG1462387
(S) Nitrobenzene-d5	*0.000*	S6	*14.0-149*		*04/18/2020 12:42*	WG1462387
(S) Nitrobenzene-d5	*0.000*	S6	*14.0-149*		*04/18/2020 16:46*	WG1462387
(S) 2-Fluorobiphenyl	*68.9*		*34.0-125*		*04/18/2020 16:46*	WG1462387
(S) 2-Fluorobiphenyl	*41.3*		*34.0-125*		*04/18/2020 12:42*	WG1462387

Sample Narrative:

L1208413-39 WG1462387: Surrogate failure due to matrix interference

L1208413-39 WG1462387: IS/SURR failed on lower dilution.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:02	WG1462117

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.17		2.00	1	04/18/2020 12:26	WG1462062
Barium	121		0.500	1	04/18/2020 12:26	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:26	WG1462062
Chromium	13.1		1.00	1	04/18/2020 12:26	WG1462062
Lead	15.0		0.500	1	04/18/2020 12:26	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:26	WG1462062
Silver	ND		1.00	1	04/18/2020 12:26	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 01:08	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 01:08	WG1461274
Benzene	ND		0.0250	1	04/16/2020 01:08	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 01:08	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
Bromoform	ND		0.625	1	04/16/2020 01:08	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 01:08	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 01:08	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 01:08	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:08	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 01:08	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:08	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 01:08	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 01:08	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 01:08	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 01:08	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:08	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:08	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:08	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 01:08	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:08	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:08	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:08	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:08	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:08	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:08	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:08	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:08	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:08	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:08	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 01:08	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:08	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:08	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 01:08	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:08	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:08	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:08	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 01:08	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:08	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:08	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:08	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 01:08	WG1461274
Propene	ND		1.25	1	04/16/2020 01:08	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
Styrene	ND		0.313	1	04/16/2020 01:08	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:08	WG1461274
Toluene	ND		0.125	1	04/16/2020 01:08	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:08	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:08	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 01:08	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:08	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:08	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:08	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 01:08	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 01:08	WG1461274
(S) Toluene-d8	*101*		*75.0-131*		*04/16/2020 01:08*	WG1461274
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/16/2020 01:08*	WG1461274
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/16/2020 01:08*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 20:25	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 20:25	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 20:25	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 20:25	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 20:25	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 20:25	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 20:25	WG1462541
(S) Decachlorobiphenyl	*97.1*		*10.0-135*		*04/18/2020 20:25*	WG1462541
(S) Tetrachloro-m-xylene	*76.9*		*10.0-139*		*04/18/2020 20:25*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 13:05	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 13:05	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 13:05	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 13:05	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 13:05	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 13:05	WG1462387
(S) p-Terphenyl-d14	*68.7*		*23.0-120*		*04/18/2020 13:05*	WG1462387
(S) Nitrobenzene-d5	*85.7*		*14.0-149*		*04/18/2020 13:05*	WG1462387
(S) 2-Fluorobiphenyl	*54.3*		*34.0-125*		*04/18/2020 13:05*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:21	WG1462125

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.01		2.00	1	04/18/2020 12:29	WG1462062
Barium	108		0.500	1	04/18/2020 12:29	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:29	WG1462062
Chromium	12.5		1.00	1	04/18/2020 12:29	WG1462062
Lead	14.2		0.500	1	04/18/2020 12:29	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:29	WG1462062
Silver	ND		1.00	1	04/18/2020 12:29	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 01:27	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 01:27	WG1461274
Benzene	ND		0.0250	1	04/16/2020 01:27	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 01:27	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
Bromoform	ND		0.625	1	04/16/2020 01:27	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 01:27	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 01:27	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 01:27	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:27	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 01:27	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:27	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 01:27	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 01:27	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 01:27	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 01:27	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:27	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:27	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:27	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 01:27	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:27	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:27	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:27	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:27	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:27	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:27	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:27	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:27	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:27	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:27	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 01:27	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:27	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:27	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 01:27	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:27	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:27	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:27	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 01:27	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:27	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:27	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:27	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 01:27	WG1461274
Propene	ND		1.25	1	04/16/2020 01:27	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
Styrene	ND		0.313	1	04/16/2020 01:27	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:27	WG1461274
Toluene	ND		0.125	1	04/16/2020 01:27	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:27	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:27	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 01:27	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:27	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:27	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:27	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 01:27	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 01:27	WG1461274
(S) Toluene-d8	*102*		*75.0-131*		*04/16/2020 01:27*	WG1461274
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/16/2020 01:27*	WG1461274
(S) 1,2-Dichloroethane-d4	*99.1*		*70.0-130*		*04/16/2020 01:27*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 20:39	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 20:39	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 20:39	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 20:39	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 20:39	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 20:39	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 20:39	WG1462541
(S) Decachlorobiphenyl	*104*		*10.0-135*		*04/18/2020 20:39*	WG1462541
(S) Tetrachloro-m-xylene	*79.9*		*10.0-139*		*04/18/2020 20:39*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 13:27	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 13:27	WG1462387
Phenanthrene	0.00979		0.00600	1	04/18/2020 13:27	WG1462387
Pyrene	0.00803		0.00600	1	04/18/2020 13:27	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 13:27	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 13:27	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 13:27	WG1462387
(S) p-Terphenyl-d14	*78.4*		*23.0-120*		*04/18/2020 13:27*	WG1462387
(S) Nitrobenzene-d5	*92.3*		*14.0-149*		*04/18/2020 13:27*	WG1462387
(S) 2-Fluorobiphenyl	*59.4*		*34.0-125*		*04/18/2020 13:27*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:23	WG1462125

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.72		2.00	1	04/18/2020 11:39	WG1462062
Barium	113		0.500	1	04/18/2020 11:39	WG1462062
Cadmium	ND		0.500	1	04/18/2020 11:39	WG1462062
Chromium	12.3		1.00	1	04/18/2020 11:39	WG1462062
Lead	14.1		0.500	1	04/18/2020 11:39	WG1462062
Selenium	ND		2.00	1	04/18/2020 11:39	WG1462062
Silver	ND		1.00	1	04/18/2020 11:39	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 01:46	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 01:46	WG1461274
Benzene	ND		0.0250	1	04/16/2020 01:46	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 01:46	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
Bromoform	ND		0.625	1	04/16/2020 01:46	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 01:46	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 01:46	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 01:46	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 01:46	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 01:46	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 01:46	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 01:46	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 01:46	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 01:46	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 01:46	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 01:46	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 01:46	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 01:46	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 01:46	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 01:46	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 01:46	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 01:46	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 01:46	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 01:46	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 01:46	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 01:46	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 01:46	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 01:46	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 01:46	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 01:46	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 01:46	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 01:46	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 01:46	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 01:46	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 01:46	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 01:46	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 01:46	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 01:46	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 01:46	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 01:46	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 01:46	WG1461274
Propene	ND		1.25	1	04/16/2020 01:46	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
Styrene	ND		0.313	1	04/16/2020 01:46	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 01:46	WG1461274
Toluene	ND		0.125	1	04/16/2020 01:46	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 01:46	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 01:46	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 01:46	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 01:46	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 01:46	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 01:46	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 01:46	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 01:46	WG1461274
(S) Toluene-d8	*103*		*75.0-131*		*04/16/2020 01:46*	WG1461274
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/16/2020 01:46*	WG1461274
(S) 1,2-Dichloroethane-d4	*96.1*		*70.0-130*		*04/16/2020 01:46*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 20:54	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 20:54	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 20:54	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 20:54	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 20:54	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 20:54	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 20:54	WG1462541
(S) Decachlorobiphenyl	*112*		*10.0-135*		*04/18/2020 20:54*	WG1462541
(S) Tetrachloro-m-xylene	*87.1*		*10.0-139*		*04/18/2020 20:54*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 13:49	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 13:49	WG1462387
Phenanthrene	0.0227		0.00600	1	04/18/2020 13:49	WG1462387
Pyrene	0.0171		0.00600	1	04/18/2020 13:49	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 13:49	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 13:49	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 13:49	WG1462387
(S) p-Terphenyl-d14	*90.4*		*23.0-120*		*04/18/2020 13:49*	WG1462387
(S) Nitrobenzene-d5	*96.9*		*14.0-149*		*04/18/2020 13:49*	WG1462387
(S) 2-Fluorobiphenyl	*66.7*		*34.0-125*		*04/18/2020 13:49*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:25	WG1462125

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.61		2.00	1	04/18/2020 12:32	WG1462062
Barium	84.1		0.500	1	04/18/2020 12:32	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:32	WG1462062
Chromium	6.85		1.00	1	04/18/2020 12:32	WG1462062
Lead	11.7		0.500	1	04/18/2020 12:32	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:32	WG1462062
Silver	ND		1.00	1	04/18/2020 12:32	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 02:05	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 02:05	WG1461274
Benzene	ND		0.0250	1	04/16/2020 02:05	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 02:05	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
Bromoform	ND		0.625	1	04/16/2020 02:05	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 02:05	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 02:05	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 02:05	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 02:05	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 02:05	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 02:05	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 02:05	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 02:05	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 02:05	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 02:05	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 02:05	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 02:05	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 02:05	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 02:05	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 02:05	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 02:05	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 02:05	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 02:05	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 02:05	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 02:05	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 02:05	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 02:05	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 02:05	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 02:05	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 02:05	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 02:05	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 02:05	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 02:05	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 02:05	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 02:05	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 02:05	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 02:05	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 02:05	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 02:05	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 02:05	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 02:05	WG1461274
Propene	ND		1.25	1	04/16/2020 02:05	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
Styrene	ND		0.313	1	04/16/2020 02:05	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 02:05	WG1461274
Toluene	ND		0.125	1	04/16/2020 02:05	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 02:05	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 02:05	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 02:05	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 02:05	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 02:05	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 02:05	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 02:05	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 02:05	WG1461274
(S) Toluene-d8	*103*		*75.0-131*		*04/16/2020 02:05*	WG1461274
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/16/2020 02:05*	WG1461274
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*04/16/2020 02:05*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 21:08	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 21:08	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 21:08	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 21:08	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 21:08	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 21:08	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 21:08	WG1462541
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/18/2020 21:08*	WG1462541
(S) Tetrachloro-m-xylene	*97.1*		*10.0-139*		*04/18/2020 21:08*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 14:11	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 14:11	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 14:11	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 14:11	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 14:11	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 14:11	WG1462387
(S) p-Terphenyl-d14	*72.4*		*23.0-120*		*04/18/2020 14:11*	WG1462387
(S) Nitrobenzene-d5	*92.7*		*14.0-149*		*04/18/2020 14:11*	WG1462387
(S) 2-Fluorobiphenyl	*66.5*		*34.0-125*		*04/18/2020 14:11*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:14	WG1462125

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.38		2.00	1	04/18/2020 12:40	WG1462062
Barium	63.1		0.500	1	04/18/2020 12:40	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:40	WG1462062
Chromium	8.71		1.00	1	04/18/2020 12:40	WG1462062
Lead	8.58		0.500	1	04/18/2020 12:40	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:40	WG1462062
Silver	ND		1.00	1	04/18/2020 12:40	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 02:25	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 02:25	WG1461274
Benzene	ND		0.0250	1	04/16/2020 02:25	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 02:25	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
Bromoform	ND		0.625	1	04/16/2020 02:25	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 02:25	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 02:25	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 02:25	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 02:25	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 02:25	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 02:25	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 02:25	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 02:25	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 02:25	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 02:25	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 02:25	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 02:25	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 02:25	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 02:25	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 02:25	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 02:25	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 02:25	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 02:25	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 02:25	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 02:25	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 02:25	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 02:25	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 02:25	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 02:25	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 02:25	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 02:25	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 02:25	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 02:25	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 02:25	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 02:25	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 02:25	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 02:25	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 02:25	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 02:25	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 02:25	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 02:25	WG1461274
Propene	ND		1.25	1	04/16/2020 02:25	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
Styrene	ND		0.313	1	04/16/2020 02:25	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 02:25	WG1461274
Toluene	ND		0.125	1	04/16/2020 02:25	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 02:25	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 02:25	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 02:25	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 02:25	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 02:25	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 02:25	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 02:25	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 02:25	WG1461274
(S) Toluene-d8	*105*		*75.0-131*		*04/16/2020 02:25*	WG1461274
(S) 4-Bromofluorobenzene	*98.1*		*67.0-138*		*04/16/2020 02:25*	WG1461274
(S) 1,2-Dichloroethane-d4	*92.3*		*70.0-130*		*04/16/2020 02:25*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 21:22	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 21:22	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 21:22	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 21:22	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 21:22	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 21:22	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 21:22	WG1462541
(S) Decachlorobiphenyl	*120*		*10.0-135*		*04/18/2020 21:22*	WG1462541
(S) Tetrachloro-m-xylene	*113*		*10.0-139*		*04/18/2020 21:22*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 14:34	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 14:34	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 14:34	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 14:34	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 14:34	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 14:34	WG1462387
(S) p-Terphenyl-d14	*93.1*		*23.0-120*		*04/18/2020 14:34*	WG1462387
(S) Nitrobenzene-d5	*115*		*14.0-149*		*04/18/2020 14:34*	WG1462387
(S) 2-Fluorobiphenyl	*83.8*		*34.0-125*		*04/18/2020 14:34*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:28	WG1462125

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.89		2.00	1	04/18/2020 12:43	WG1462062
Barium	150		0.500	1	04/18/2020 12:43	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:43	WG1462062
Chromium	14.1		1.00	1	04/18/2020 12:43	WG1462062
Lead	29.2		0.500	1	04/18/2020 12:43	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:43	WG1462062
Silver	ND		1.00	1	04/18/2020 12:43	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 02:44	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 02:44	WG1461274
Benzene	ND		0.0250	1	04/16/2020 02:44	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 02:44	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
Bromoform	ND		0.625	1	04/16/2020 02:44	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 02:44	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 02:44	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 02:44	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 02:44	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 02:44	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 02:44	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 02:44	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 02:44	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 02:44	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 02:44	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 02:44	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 02:44	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 02:44	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 02:44	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 02:44	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 02:44	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 02:44	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 02:44	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 02:44	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 02:44	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 02:44	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 02:44	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 02:44	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 02:44	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 02:44	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 02:44	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 02:44	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 02:44	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 02:44	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 02:44	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 02:44	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 02:44	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 02:44	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 02:44	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 02:44	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 02:44	WG1461274
Propene	ND		1.25	1	04/16/2020 02:44	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
Styrene	ND		0.313	1	04/16/2020 02:44	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 02:44	WG1461274
Toluene	ND		0.125	1	04/16/2020 02:44	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 02:44	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 02:44	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 02:44	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 02:44	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 02:44	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 02:44	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 02:44	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 02:44	WG1461274
(S) Toluene-d8	*102*		*75.0-131*		*04/16/2020 02:44*	WG1461274
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/16/2020 02:44*	WG1461274
(S) 1,2-Dichloroethane-d4	*98.6*		*70.0-130*		*04/16/2020 02:44*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 21:36	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 21:36	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 21:36	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 21:36	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 21:36	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 21:36	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 21:36	WG1462541
(S) Decachlorobiphenyl	*99.1*		*10.0-135*		*04/18/2020 21:36*	WG1462541
(S) Tetrachloro-m-xylene	*95.9*		*10.0-139*		*04/18/2020 21:36*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 14:56	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 14:56	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 14:56	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 14:56	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 14:56	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 14:56	WG1462387
(S) p-Terphenyl-d14	*58.2*		*23.0-120*		*04/18/2020 14:56*	WG1462387
(S) Nitrobenzene-d5	*96.6*		*14.0-149*		*04/18/2020 14:56*	WG1462387
(S) 2-Fluorobiphenyl	*64.9*		*34.0-125*		*04/18/2020 14:56*	WG1462387

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 12:30	WG1462125

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/18/2020 12:46	WG1462062
Barium	178		0.500	1	04/18/2020 12:46	WG1462062
Cadmium	ND		0.500	1	04/18/2020 12:46	WG1462062
Chromium	8.63		1.00	1	04/18/2020 12:46	WG1462062
Lead	9.80		0.500	1	04/18/2020 12:46	WG1462062
Selenium	ND		2.00	1	04/18/2020 12:46	WG1462062
Silver	ND		1.00	1	04/18/2020 12:46	WG1462062

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND	R7	1.25	1	04/16/2020 03:03	WG1461274
Acrylonitrile	ND	R7	0.313	1	04/16/2020 03:03	WG1461274
Benzene	ND		0.0250	1	04/16/2020 03:03	WG1461274
Bromobenzene	ND		0.313	1	04/16/2020 03:03	WG1461274
Bromodichloromethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
Bromoform	ND		0.625	1	04/16/2020 03:03	WG1461274
Bromomethane	ND		0.313	1	04/16/2020 03:03	WG1461274
1,3-Butadiene	ND		0.625	1	04/16/2020 03:03	WG1461274
n-Butylbenzene	ND		0.313	1	04/16/2020 03:03	WG1461274
sec-Butylbenzene	ND		0.313	1	04/16/2020 03:03	WG1461274
tert-Butylbenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
Carbon disulfide	ND		0.313	1	04/16/2020 03:03	WG1461274
Carbon tetrachloride	ND		0.125	1	04/16/2020 03:03	WG1461274
Chlorobenzene	ND		0.0625	1	04/16/2020 03:03	WG1461274
Chlorodibromomethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
Chloroethane	ND		0.125	1	04/16/2020 03:03	WG1461274
Chloroform	ND		0.0625	1	04/16/2020 03:03	WG1461274
Chloromethane	ND		0.313	1	04/16/2020 03:03	WG1461274
2-Chlorotoluene	ND		0.0625	1	04/16/2020 03:03	WG1461274
4-Chlorotoluene	ND		0.125	1	04/16/2020 03:03	WG1461274
Cyclohexane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/16/2020 03:03	WG1461274
1,2-Dibromoethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
Dibromomethane	ND		0.125	1	04/16/2020 03:03	WG1461274
1,2-Dichlorobenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
1,3-Dichlorobenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
1,4-Dichlorobenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
Dichlorodifluoromethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,1-Dichloroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,2-Dichloroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,1-Dichloroethene	ND		0.0625	1	04/16/2020 03:03	WG1461274
cis-1,2-Dichloroethene	ND		0.0625	1	04/16/2020 03:03	WG1461274
trans-1,2-Dichloroethene	ND		0.125	1	04/16/2020 03:03	WG1461274
1,2-Dichloropropane	ND		0.125	1	04/16/2020 03:03	WG1461274
1,1-Dichloropropene	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,3-Dichloropropane	ND		0.125	1	04/16/2020 03:03	WG1461274
cis-1,3-Dichloropropene	ND		0.0625	1	04/16/2020 03:03	WG1461274
trans-1,3-Dichloropropene	ND		0.125	1	04/16/2020 03:03	WG1461274
2,2-Dichloropropane	ND		0.0625	1	04/16/2020 03:03	WG1461274

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/16/2020 03:03	WG1461274
Di-isopropyl ether	ND		0.0250	1	04/16/2020 03:03	WG1461274
Ethylbenzene	ND		0.0625	1	04/16/2020 03:03	WG1461274
4-Ethyltoluene	ND		0.125	1	04/16/2020 03:03	WG1461274
Hexachloro-1,3-butadiene	ND		0.625	1	04/16/2020 03:03	WG1461274
n-Hexane	ND		0.125	1	04/16/2020 03:03	WG1461274
Isopropylbenzene	ND		0.0625	1	04/16/2020 03:03	WG1461274
p-Isopropyltoluene	ND		0.125	1	04/16/2020 03:03	WG1461274
2-Butanone (MEK)	ND		2.50	1	04/16/2020 03:03	WG1461274
Methylene Chloride	ND		0.625	1	04/16/2020 03:03	WG1461274
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/16/2020 03:03	WG1461274
Methyl tert-butyl ether	ND		0.0250	1	04/16/2020 03:03	WG1461274
Methyl Cyclohexane	ND		0.125	1	04/16/2020 03:03	WG1461274
Naphthalene	ND		0.313	1	04/16/2020 03:03	WG1461274
Propene	ND		1.25	1	04/16/2020 03:03	WG1461274
n-Propylbenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
Styrene	ND		0.313	1	04/16/2020 03:03	WG1461274
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
Tetrachloroethene	ND		0.0625	1	04/16/2020 03:03	WG1461274
Toluene	ND		0.125	1	04/16/2020 03:03	WG1461274
1,2,3-Trichlorobenzene	ND		0.313	1	04/16/2020 03:03	WG1461274
1,2,4-Trichlorobenzene	ND		0.313	1	04/16/2020 03:03	WG1461274
1,1,1-Trichloroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,1,2-Trichloroethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
Trichloroethene	ND		0.0250	1	04/16/2020 03:03	WG1461274
Trichlorofluoromethane	ND		0.0625	1	04/16/2020 03:03	WG1461274
1,2,3-Trichloropropane	ND		0.313	1	04/16/2020 03:03	WG1461274
1,2,4-Trimethylbenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
1,2,3-Trimethylbenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
1,3,5-Trimethylbenzene	ND		0.125	1	04/16/2020 03:03	WG1461274
Vinyl chloride	ND		0.0625	1	04/16/2020 03:03	WG1461274
Xylenes, Total	ND		0.163	1	04/16/2020 03:03	WG1461274
(S) Toluene-d8	*103*		*75.0-131*		*04/16/2020 03:03*	WG1461274
(S) 4-Bromofluorobenzene	*102*		*67.0-138*		*04/16/2020 03:03*	WG1461274
(S) 1,2-Dichloroethane-d4	*99.1*		*70.0-130*		*04/16/2020 03:03*	WG1461274

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/18/2020 21:50	WG1462541
PCB 1221	ND		0.0340	1	04/18/2020 21:50	WG1462541
PCB 1232	ND		0.0340	1	04/18/2020 21:50	WG1462541
PCB 1242	ND		0.0340	1	04/18/2020 21:50	WG1462541
PCB 1248	ND		0.0170	1	04/18/2020 21:50	WG1462541
PCB 1254	ND		0.0170	1	04/18/2020 21:50	WG1462541
PCB 1260	ND		0.0170	1	04/18/2020 21:50	WG1462541
(S) Decachlorobiphenyl	*84.7*		*10.0-135*		*04/18/2020 21:50*	WG1462541
(S) Tetrachloro-m-xylene	*81.5*		*10.0-139*		*04/18/2020 21:50*	WG1462541

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Acenaphthene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Acenaphthylene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Benzo(a)anthracene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Benzo(a)pyrene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Benzo(b)fluoranthene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Benzo(g,h,i)perylene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Benzo(k)fluoranthene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Chrysene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Dibenz(a,h)anthracene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Fluoranthene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Fluorene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Naphthalene	ND		0.0200	1	04/18/2020 15:18	WG1462387
Phenanthrene	ND		0.00600	1	04/18/2020 15:18	WG1462387
Pyrene	ND		0.00600	1	04/18/2020 15:18	WG1462387
1-Methylnaphthalene	ND		0.0200	1	04/18/2020 15:18	WG1462387
2-Methylnaphthalene	ND		0.0200	1	04/18/2020 15:18	WG1462387
2-Chloronaphthalene	ND		0.0200	1	04/18/2020 15:18	WG1462387
(S) p-Terphenyl-d14	*81.0*		*23.0-120*		*04/18/2020 15:18*	WG1462387
(S) Nitrobenzene-d5	*101*		*14.0-149*		*04/18/2020 15:18*	WG1462387
(S) 2-Fluorobiphenyl	*72.8*		*34.0-125*		*04/18/2020 15:18*	WG1462387

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/15/2020 08:36	WG1460614

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/16/2020 17:09	WG1460727
Barium	0.00706		0.00500	1	04/16/2020 17:09	WG1460727
Cadmium	ND		0.00200	1	04/16/2020 17:09	WG1460727
Chromium	ND		0.0100	1	04/16/2020 17:09	WG1460727
Lead	ND		0.00600	1	04/16/2020 17:09	WG1460727
Selenium	ND		0.0100	1	04/16/2020 17:09	WG1460727
Silver	ND		0.00500	1	04/16/2020 17:09	WG1460727

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/14/2020 22:14	WG1460660
Acrolein	ND		0.0500	1	04/14/2020 22:14	WG1460660
Acrylonitrile	ND		0.0100	1	04/14/2020 22:14	WG1460660
Benzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Bromobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Bromodichloromethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Bromoform	ND		0.00100	1	04/14/2020 22:14	WG1460660
Bromomethane	ND		0.00500	1	04/14/2020 22:14	WG1460660
1,3-Butadiene	ND		0.00200	1	04/14/2020 22:14	WG1460660
n-Butylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
sec-Butylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
tert-Butylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Carbon tetrachloride	ND		0.00100	1	04/14/2020 22:14	WG1460660
Carbon disulfide	ND		0.00100	1	04/14/2020 22:14	WG1460660
Chlorobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Chlorodibromomethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Chloroethane	ND		0.00500	1	04/14/2020 22:14	WG1460660
Chloroform	ND		0.00500	1	04/14/2020 22:14	WG1460660
Chloromethane	ND		0.00250	1	04/14/2020 22:14	WG1460660
Cyclohexane	ND		0.00100	1	04/14/2020 22:14	WG1460660
2-Chlorotoluene	ND		0.00100	1	04/14/2020 22:14	WG1460660
4-Chlorotoluene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/14/2020 22:14	WG1460660
1,2-Dibromoethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Dibromomethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2-Dichlorobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,3-Dichlorobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,4-Dichlorobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Dichlorodifluoromethane	ND		0.00500	1	04/14/2020 22:14	WG1460660
1,1-Dichloroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2-Dichloroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1-Dichloroethene	ND		0.00100	1	04/14/2020 22:14	WG1460660
cis-1,2-Dichloroethene	ND		0.00100	1	04/14/2020 22:14	WG1460660
trans-1,2-Dichloroethene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2-Dichloropropane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1-Dichloropropene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,3-Dichloropropane	ND		0.00100	1	04/14/2020 22:14	WG1460660
cis-1,3-Dichloropropene	ND		0.00100	1	04/14/2020 22:14	WG1460660
trans-1,3-Dichloropropene	ND		0.00100	1	04/14/2020 22:14	WG1460660

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Dicyclopentadiene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Di-isopropyl ether	ND		0.00100	1	04/14/2020 22:14	WG1460660
Ethylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
4-Ethyltoluene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Hexachloro-1,3-butadiene	ND		0.00100	1	04/14/2020 22:14	WG1460660
n-Hexane	ND		0.0100	1	04/14/2020 22:14	WG1460660
Isopropylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
p-Isopropyltoluene	ND		0.00100	1	04/14/2020 22:14	WG1460660
2-Butanone (MEK)	ND		0.0100	1	04/14/2020 22:14	WG1460660
Methyl Cyclohexane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Methylene Chloride	ND		0.00500	1	04/14/2020 22:14	WG1460660
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/14/2020 22:14	WG1460660
Methyl tert-butyl ether	ND		0.00100	1	04/14/2020 22:14	WG1460660
Naphthalene	ND		0.00500	1	04/14/2020 22:14	WG1460660
Propene	ND		0.00250	1	04/14/2020 22:14	WG1460660
n-Propylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Styrene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Tetrachloroethene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Toluene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2,3-Trichlorobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2,4-Trichlorobenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1,1-Trichloroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,1,2-Trichloroethane	ND		0.00100	1	04/14/2020 22:14	WG1460660
Trichloroethene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Trichlorofluoromethane	ND		0.00500	1	04/14/2020 22:14	WG1460660
1,2,3-Trichloropropane	ND		0.00250	1	04/14/2020 22:14	WG1460660
1,2,4-Trimethylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,2,3-Trimethylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
1,3,5-Trimethylbenzene	ND		0.00100	1	04/14/2020 22:14	WG1460660
Vinyl chloride	ND		0.00100	1	04/14/2020 22:14	WG1460660
Xylenes, Total	ND		0.00300	1	04/14/2020 22:14	WG1460660
(S) Toluene-d8	*115*		*80.0-120*		*04/14/2020 22:14*	WG1460660
(S) 4-Bromofluorobenzene	*101*		*77.0-126*		*04/14/2020 22:14*	WG1460660
(S) 1,2-Dichloroethane-d4	*113*		*70.0-130*		*04/14/2020 22:14*	WG1460660

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00100	1	04/17/2020 17:27	WG1462068
PCB 1221	ND		0.00100	1	04/17/2020 17:27	WG1462068
PCB 1232	ND		0.00100	1	04/17/2020 17:27	WG1462068
PCB 1242	ND		0.00100	1	04/17/2020 17:27	WG1462068
PCB 1248	ND		0.000500	1	04/17/2020 17:27	WG1462068
PCB 1254	ND		0.000500	1	04/17/2020 17:27	WG1462068
PCB 1260	ND	L1	0.000500	1	04/17/2020 17:27	WG1462068
(S) Decachlorobiphenyl	*77.9*		*10.0-128*		*04/17/2020 17:27*	WG1462068
(S) Tetrachloro-m-xylene	*77.6*		*10.0-127*		*04/17/2020 17:27*	WG1462068

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Acenaphthene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Acenaphthylene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Benzo(a)anthracene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Benzo(a)pyrene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Benzo(b)fluoranthene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Benzo(g,h,i)perylene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Benzo(k)fluoranthene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Chrysene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Dibenz(a,h)anthracene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Fluoranthene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Fluorene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Naphthalene	ND		0.000250	1	04/15/2020 22:43	WG1461008
Phenanthrene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
Pyrene	ND		0.0000500	1	04/15/2020 22:43	WG1461008
1-Methylnaphthalene	ND		0.000250	1	04/15/2020 22:43	WG1461008
2-Methylnaphthalene	ND		0.000250	1	04/15/2020 22:43	WG1461008
2-Chloronaphthalene	ND		0.000250	1	04/15/2020 22:43	WG1461008
(S) Nitrobenzene-d5	*98.4*		*31.0-160*		*04/15/2020 22:43*	WG1461008
(S) 2-Fluorobiphenyl	*93.7*		*48.0-148*		*04/15/2020 22:43*	WG1461008
(S) p-Terphenyl-d14	*94.7*		*37.0-146*		*04/15/2020 22:43*	WG1461008

Method Blank (MB)

(MB) R3518706-1 04/15/20 07:57

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3518706-2 04/15/20 07:59

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00280	93.3	80.0-120	

L1208294-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208294-01 04/15/20 08:00 • (MS) R3518706-3 04/15/20 08:03 • (MSD) R3518706-4 04/15/20 08:04

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	U	0.00265	0.00254	88.5	84.8	1	75.0-125			4.25	20

Method Blank (MB)

(MB) R3520199-1 04/20/20 13:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3520199-2 04/20/20 13:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.502	100	80.0-120	

L1208413-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-05 04/20/20 13:17 • (MS) R3520199-3 04/20/20 13:20 • (MSD) R3520199-4 04/20/20 13:22

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.470	0.439	94.1	87.8	1	75.0-125			6.87	20

Method Blank (MB)

(MB) R3520102-1 04/20/20 10:58

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3520102-2 04/20/20 11:00

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.490	98.0	80.0-120	

L1208413-26 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-26 04/20/20 11:03 • (MS) R3520102-3 04/20/20 11:05 • (MSD) R3520102-4 04/20/20 11:07

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.453	0.502	90.6	100	1	75.0-125			10.1	20

Method Blank (MB)

(MB) R3520197-1 04/20/20 12:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3520197-2 04/20/20 12:07

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.515	103	80.0-120	

L1208413-44 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-44 04/20/20 12:14 • (MS) R3520197-3 04/20/20 12:16 • (MSD) R3520197-4 04/20/20 12:18

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.402	0.490	80.3	98.1	1	75.0-125			19.9	20

Method Blank (MB)

(MB) R3519441-1 04/16/20 16:29

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3519441-2 04/16/20 16:31

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.903	90.3	80.0-120	
Barium	1.00	0.982	98.2	80.0-120	
Cadmium	1.00	0.947	94.7	80.0-120	
Chromium	1.00	0.960	96.0	80.0-120	
Lead	1.00	0.953	95.3	80.0-120	
Selenium	1.00	0.947	94.7	80.0-120	
Silver	0.200	0.173	86.6	80.0-120	

L1208501-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208501-01 04/16/20 16:34 • (MS) R3519441-4 04/16/20 16:39 • (MSD) R3519441-5 04/16/20 16:42

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00	U	0.899	0.882	89.9	88.2	1	75.0-125			1.98	20
Barium	1.00	0.0185	0.986	0.992	96.8	97.4	1	75.0-125			0.644	20
Cadmium	1.00	U	0.938	0.947	93.8	94.7	1	75.0-125			0.961	20
Chromium	1.00	U	0.950	0.952	95.0	95.2	1	75.0-125			0.202	20
Lead	1.00	0.00388	0.941	0.943	93.7	93.9	1	75.0-125			0.216	20
Selenium	1.00	U	0.937	0.941	93.7	94.1	1	75.0-125			0.417	20
Silver	0.200	U	0.172	0.172	85.8	85.8	1	75.0-125			0.0132	20

Method Blank (MB)

(MB) R3519893-1 04/18/20 17:36

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519893-2 04/18/20 17:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	94.1	94.1	80.0-120	
Barium	100	98.6	98.6	80.0-120	
Cadmium	100	94.9	94.9	80.0-120	
Chromium	100	96.7	96.7	80.0-120	
Lead	100	96.6	96.6	80.0-120	
Selenium	100	94.2	94.2	80.0-120	
Silver	20.0	18.4	91.8	80.0-120	

L1208432-63 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208432-63 04/18/20 17:42 • (MS) R3519893-5 04/18/20 17:50 • (MSD) R3519893-6 04/18/20 17:53

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	133	38.9	160	177	91.0	104	1	75.0-125			10.2	20
Barium	133	294	411	435	87.7	105	1	75.0-125			5.55	20
Cadmium	133	U	123	135	92.0	101	1	75.0-125			9.24	20
Chromium	133	34.6	152	164	88.0	96.9	1	75.0-125			7.56	20
Lead	133	14.9	143	155	95.8	105	1	75.0-125			8.52	20
Selenium	133	U	117	130	87.8	97.1	1	75.0-125			10.0	20
Silver	26.7	U	24.1	26.2	90.2	98.1	1	75.0-125			8.41	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3519895-1 04/18/20 20:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519895-2 04/18/20 20:41

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	94.6	94.6	80.0-120	
Barium	100	98.4	98.4	80.0-120	
Cadmium	100	94.4	94.4	80.0-120	
Chromium	100	95.7	95.7	80.0-120	
Lead	100	96.4	96.4	80.0-120	
Selenium	100	95.1	95.1	80.0-120	
Silver	20.0	18.3	91.7	80.0-120	

L1208413-24 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-24 04/18/20 20:44 • (MS) R3519895-5 04/18/20 20:52 • (MSD) R3519895-6 04/18/20 20:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	4.26	96.2	92.5	92.0	88.2	1	75.0-125			3.98	20
Barium	100	59.0	189	163	130	104	1	75.0-125	M1		14.8	20
Cadmium	100	ND	93.7	89.4	93.7	89.4	1	75.0-125			4.73	20
Chromium	100	4.99	98.7	94.5	93.7	89.5	1	75.0-125			4.36	20
Lead	100	7.04	106	101	98.9	93.8	1	75.0-125			4.91	20
Selenium	100	ND	92.5	88.4	92.5	88.4	1	75.0-125			4.53	20
Silver	20.0	ND	17.9	17.1	89.5	85.6	1	75.0-125			4.39	20

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3519760-1 04/18/20 11:34

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519760-2 04/18/20 11:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	95.3	95.3	80.0-120	
Barium	100	100	100	80.0-120	
Cadmium	100	97.2	97.2	80.0-120	
Chromium	100	96.4	96.4	80.0-120	
Lead	100	98.2	98.2	80.0-120	
Selenium	100	96.2	96.2	80.0-120	
Silver	20.0	17.7	88.6	80.0-120	

L1208413-42 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-42 04/18/20 11:39 • (MS) R3519760-5 04/18/20 11:47 • (MSD) R3519760-6 04/18/20 11:50

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	4.72	99.4	96.9	94.7	92.2	1	75.0-125			2.56	20
Barium	100	113	204	202	91.7	89.6	1	75.0-125			1.06	20
Cadmium	100	ND	96.6	94.1	96.5	94.0	1	75.0-125			2.62	20
Chromium	100	12.3	105	103	92.6	90.3	1	75.0-125			2.18	20
Lead	100	14.1	114	111	99.5	97.0	1	75.0-125			2.20	20
Selenium	100	ND	93.8	91.8	93.1	91.1	1	75.0-125			2.15	20
Silver	20.0	ND	17.3	17.0	86.5	85.0	1	75.0-125			1.72	20

Method Blank (MB)

(MB) R3518746-3 04/14/20 21:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
1,3-Butadiene	U		0.000299	0.00200
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
Cyclohexane	U		0.000188	0.00100
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100

Method Blank (MB)

(MB) R3518746-3 04/14/20 21:02

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dicyclopentadiene	U		0.000253	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
4-Ethyltoluene	U		0.000208	0.00100
Hexachloro-1,3-butadiene	U		0.000337	0.00100
n-Hexane	U		0.000749	0.0100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methyl Cyclohexane	U		0.000660	0.00100
Methylene Chloride	U		0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
Propene	U		0.000936	0.00250
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
1,2,3-Trichlorobenzene	U		0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*113*			*80.0-120*
(S) 4-Bromofluorobenzene	*98.4*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*110*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518746-1 04/14/20 19:51 • (LCSD) R3518746-2 04/14/20 20:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0279	0.0282	112	113	19.0-160			1.07	27
Acrolein	0.0250	0.0316	0.0312	126	125	10.0-160			1.27	26
Acrylonitrile	0.0250	0.0289	0.0279	116	112	55.0-149			3.52	20
Benzene	0.00500	0.00499	0.00497	99.8	99.4	70.0-123			0.402	20
Bromobenzene	0.00500	0.00504	0.00488	101	97.6	73.0-121			3.23	20
Bromodichloromethane	0.00500	0.00546	0.00536	109	107	75.0-120			1.85	20
Bromoform	0.00500	0.00538	0.00509	108	102	68.0-132			5.54	20
Bromomethane	0.00500	0.00528	0.00516	106	103	10.0-160			2.30	25
1,3-Butadiene	0.00500	0.00418	0.00377	83.6	75.4	45.0-147			10.3	20
n-Butylbenzene	0.00500	0.00379	0.00383	75.8	76.6	73.0-125			1.05	20
sec-Butylbenzene	0.00500	0.00413	0.00415	82.6	83.0	75.0-125			0.483	20
tert-Butylbenzene	0.00500	0.00413	0.00415	82.6	83.0	76.0-124			0.483	20
Carbon disulfide	0.00500	0.00484	0.00482	96.8	96.4	61.0-128			0.414	20
Carbon tetrachloride	0.00500	0.00526	0.00509	105	102	68.0-126			3.29	20
Chlorobenzene	0.00500	0.00526	0.00518	105	104	80.0-121			1.53	20
Chlorodibromomethane	0.00500	0.00547	0.00543	109	109	77.0-125			0.734	20
Chloroethane	0.00500	0.00547	0.00548	109	110	47.0-150			0.183	20
Chloroform	0.00500	0.00531	0.00519	106	104	73.0-120			2.29	20
Chloromethane	0.00500	0.00657	0.00658	131	132	41.0-142			0.152	20
2-Chlorotoluene	0.00500	0.00506	0.00512	101	102	76.0-123			1.18	20
4-Chlorotoluene	0.00500	0.00494	0.00487	98.8	97.4	75.0-122			1.43	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00483	0.00519	96.6	104	58.0-134			7.19	20
1,2-Dibromoethane	0.00500	0.00535	0.00528	107	106	80.0-122			1.32	20
Dibromomethane	0.00500	0.00542	0.00541	108	108	80.0-120			0.185	20
1,2-Dichlorobenzene	0.00500	0.00502	0.00509	100	102	79.0-121			1.38	20
1,3-Dichlorobenzene	0.00500	0.00487	0.00475	97.4	95.0	79.0-120			2.49	20
1,4-Dichlorobenzene	0.00500	0.00495	0.00488	99.0	97.6	79.0-120			1.42	20
Dichlorodifluoromethane	0.00500	0.00581	0.00587	116	117	51.0-149			1.03	20
1,1-Dichloroethane	0.00500	0.00493	0.00497	98.6	99.4	70.0-126			0.808	20
1,2-Dichloroethane	0.00500	0.00525	0.00522	105	104	70.0-128			0.573	20
1,1-Dichloroethene	0.00500	0.00467	0.00477	93.4	95.4	71.0-124			2.12	20
cis-1,2-Dichloroethene	0.00500	0.00496	0.00493	99.2	98.6	73.0-120			0.607	20
trans-1,2-Dichloroethene	0.00500	0.00506	0.00500	101	100	73.0-120			1.19	20
1,2-Dichloropropane	0.00500	0.00513	0.00497	103	99.4	77.0-125			3.17	20
1,1-Dichloropropene	0.00500	0.00423	0.00442	84.6	88.4	74.0-126			4.39	20
1,3-Dichloropropane	0.00500	0.00553	0.00513	111	103	80.0-120			7.50	20
cis-1,3-Dichloropropene	0.00500	0.00537	0.00518	107	104	80.0-123			3.60	20
trans-1,3-Dichloropropene	0.00500	0.00545	0.00541	109	108	78.0-124			0.737	20
2,2-Dichloropropane	0.00500	0.00492	0.00502	98.4	100	58.0-130			2.01	20
Cyclohexane	0.00500	0.00441	0.00435	88.2	87.0	71.0-124			1.37	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3518746-1 04/14/20 19:51 • (LCSD) R3518746-2 04/14/20 20:15

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	0.00500	0.00520	0.00538	104	108	74.0-126			3.40	20
Di-isopropyl ether	0.00500	0.00493	0.00475	98.6	95.0	58.0-138			3.72	20
Ethylbenzene	0.00500	0.00466	0.00479	93.2	95.8	79.0-123			2.75	20
4-Ethyltoluene	0.00500	0.00395	0.00413	79.0	82.6	74.0-127			4.46	20
Hexachloro-1,3-butadiene	0.00500	0.00445	0.00461	89.0	92.2	54.0-138			3.53	20
n-Hexane	0.00500	0.00507	0.00462	101	92.4	57.0-133			9.29	20
Isopropylbenzene	0.00500	0.00405	0.00400	81.0	80.0	76.0-127			1.24	20
p-Isopropyltoluene	0.00500	0.00399	0.00398	79.8	79.6	76.0-125			0.251	20
2-Butanone (MEK)	0.0250	0.0257	0.0262	103	105	44.0-160			1.93	20
Methylene Chloride	0.00500	0.00515	0.00470	103	94.0	67.0-120			9.14	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0267	0.0273	107	109	68.0-142			2.22	20
Methyl tert-butyl ether	0.00500	0.00533	0.00510	107	102	68.0-125			4.41	20
Naphthalene	0.00500	0.00442	0.00410	88.4	82.0	54.0-135			7.51	20
Propene	0.00500	0.00260	0.00252	52.0	50.4	10.0-160			3.12	20
n-Propylbenzene	0.00500	0.00486	0.00494	97.2	98.8	77.0-124			1.63	20
Styrene	0.00500	0.00407	0.00415	81.4	83.0	73.0-130			1.95	20
1,1,1,2-Tetrachloroethane	0.00500	0.00532	0.00510	106	102	75.0-125			4.22	20
1,1,2,2-Tetrachloroethane	0.00500	0.00547	0.00560	109	112	65.0-130			2.35	20
Tetrachloroethene	0.00500	0.00558	0.00535	112	107	72.0-132			4.21	20
Toluene	0.00500	0.00535	0.00504	107	101	79.0-120			5.97	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00471	0.00495	94.2	99.0	69.0-132			4.97	20
1,2,3-Trichlorobenzene	0.00500	0.00463	0.00428	92.6	85.6	50.0-138			7.86	20
1,2,4-Trichlorobenzene	0.00500	0.00410	0.00394	82.0	78.8	57.0-137			3.98	20
1,1,1-Trichloroethane	0.00500	0.00554	0.00519	111	104	73.0-124			6.52	20
1,1,2-Trichloroethane	0.00500	0.00541	0.00525	108	105	80.0-120			3.00	20
Trichloroethene	0.00500	0.00519	0.00517	104	103	78.0-124			0.386	20
Trichlorofluoromethane	0.00500	0.00593	0.00568	119	114	59.0-147			4.31	20
1,2,3-Trichloropropane	0.00500	0.00586	0.00641	117	128	73.0-130			8.96	20
1,2,3-Trimethylbenzene	0.00500	0.00476	0.00439	95.2	87.8	77.0-120			8.09	20
1,2,4-Trimethylbenzene	0.00500	0.00409	0.00430	81.8	86.0	76.0-121			5.01	20
Methyl Cyclohexane	0.00500	0.00429	0.00427	85.8	85.4	68.0-126			0.467	20
1,3,5-Trimethylbenzene	0.00500	0.00449	0.00468	89.8	93.6	76.0-122			4.14	20
Vinyl chloride	0.00500	0.00569	0.00561	114	112	67.0-131			1.42	20
Xylenes, Total	0.0150	0.0126	0.0133	84.0	88.7	79.0-123			5.41	20
(S) Toluene-d8				*108*	*107*	*80.0-120*				
(S) 4-Bromofluorobenzene				*103*	*101*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*110*	*109*	*70.0-130*				

Method Blank (MB)

(MB) R3519010-3 04/15/20 10:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3519010-3 04/15/20 10:07

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U	E4	0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*110*			*75.0-131*
(S) 4-Bromofluorobenzene	*90.4*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*84.7*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519010-1 04/15/20 08:51 • (LCSD) R3519010-2 04/15/20 09:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.391	0.387	62.6	61.9	10.0-160			1.03	31
Acrylonitrile	0.625	0.520	0.506	83.2	81.0	45.0-153			2.73	22
Benzene	0.125	0.107	0.108	85.6	86.4	70.0-123			0.930	20
Bromobenzene	0.125	0.124	0.127	99.2	102	73.0-121			2.39	20
Bromodichloromethane	0.125	0.106	0.108	84.8	86.4	73.0-121			1.87	20
Bromoform	0.125	0.0937	0.0994	75.0	79.5	64.0-132			5.90	20
Bromomethane	0.125	0.0885	0.0895	70.8	71.6	56.0-147			1.12	20
1,3-Butadiene	0.125	0.0984	0.0972	78.7	77.8	32.0-150			1.23	20
n-Butylbenzene	0.125	0.0953	0.0966	76.2	77.3	68.0-135			1.35	20
sec-Butylbenzene	0.125	0.111	0.113	88.8	90.4	74.0-130			1.79	20
tert-Butylbenzene	0.125	0.108	0.110	86.4	88.0	75.0-127			1.83	20
Carbon disulfide	0.125	0.0809	0.0800	64.7	64.0	56.0-133			1.12	20
Carbon tetrachloride	0.125	0.0924	0.0946	73.9	75.7	66.0-128			2.35	20
Chlorobenzene	0.125	0.109	0.110	87.2	88.0	76.0-128			0.913	20
Chlorodibromomethane	0.125	0.0984	0.0992	78.7	79.4	74.0-127			0.810	20
Chloroethane	0.125	0.106	0.103	84.8	82.4	61.0-134			2.87	20
Chloroform	0.125	0.108	0.111	86.4	88.8	72.0-123			2.74	20
Chloromethane	0.125	0.128	0.126	102	101	51.0-138			1.57	20
Cyclohexane	0.125	0.102	0.104	81.6	83.2	70.0-130			1.94	20
2-Chlorotoluene	0.125	0.110	0.116	88.0	92.8	75.0-124			5.31	20
4-Chlorotoluene	0.125	0.121	0.122	96.8	97.6	75.0-124			0.823	20
1,2-Dibromo-3-Chloropropane	0.125	0.102	0.0995	81.6	79.6	59.0-130			2.48	20
1,2-Dibromoethane	0.125	0.108	0.109	86.4	87.2	74.0-128			0.922	20
Dibromomethane	0.125	0.0985	0.0994	78.8	79.5	75.0-122			0.910	20
1,2-Dichlorobenzene	0.125	0.109	0.110	87.2	88.0	76.0-124			0.913	20
1,3-Dichlorobenzene	0.125	0.117	0.116	93.6	92.8	76.0-125			0.858	20
1,4-Dichlorobenzene	0.125	0.111	0.111	88.8	88.8	77.0-121			0.000	20
Dichlorodifluoromethane	0.125	0.150	0.149	120	119	43.0-156			0.669	20
1,1-Dichloroethane	0.125	0.114	0.113	91.2	90.4	70.0-127			0.881	20
1,2-Dichloroethane	0.125	0.123	0.129	98.4	103	65.0-131			4.76	20
1,1-Dichloroethene	0.125	0.109	0.107	87.2	85.6	65.0-131			1.85	20
cis-1,2-Dichloroethene	0.125	0.103	0.103	82.4	82.4	73.0-125			0.000	20
trans-1,2-Dichloroethene	0.125	0.104	0.104	83.2	83.2	71.0-125			0.000	20
1,2-Dichloropropane	0.125	0.135	0.132	108	106	74.0-125			2.25	20
1,1-Dichloropropene	0.125	0.0983	0.0972	78.6	77.8	73.0-125			1.13	20
1,3-Dichloropropane	0.125	0.116	0.116	92.8	92.8	80.0-125			0.000	20
cis-1,3-Dichloropropene	0.125	0.113	0.115	90.4	92.0	76.0-127			1.75	20
trans-1,3-Dichloropropene	0.125	0.114	0.119	91.2	95.2	73.0-127			4.29	20
2,2-Dichloropropane	0.125	0.0912	0.0837	73.0	67.0	59.0-135			8.58	20
Dicyclopentadiene	0.125	0.114	0.117	91.2	93.6	71.0-132			2.60	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519010-1 04/15/20 08:51 • (LCSD) R3519010-2 04/15/20 09:10

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.149	0.150	119	120	60.0-136			0.669	20
Ethylbenzene	0.125	0.107	0.109	85.6	87.2	74.0-126			1.85	20
4-Ethyltoluene	0.125	0.114	0.115	91.2	92.0	71.0-129			0.873	20
Hexachloro-1,3-butadiene	0.125	0.0860	0.0904	68.8	72.3	57.0-150			4.99	20
n-Hexane	0.125	0.140	0.137	112	110	55.0-137			2.17	20
Isopropylbenzene	0.125	0.0977	0.0989	78.2	79.1	72.0-127			1.22	20
p-Isopropyltoluene	0.125	0.103	0.106	82.4	84.8	72.0-133			2.87	20
2-Butanone (MEK)	0.625	0.617	0.609	98.7	97.4	30.0-160			1.31	24
Methyl Cyclohexane	0.125	0.113	0.112	90.4	89.6	67.0-129			0.889	20
Methylene Chloride	0.125	0.103	0.108	82.4	86.4	68.0-123			4.74	20
4-Methyl-2-pentanone (MIBK)	0.625	0.659	0.662	105	106	56.0-143			0.454	20
Methyl tert-butyl ether	0.125	0.103	0.107	82.4	85.6	66.0-132			3.81	20
Naphthalene	0.125	0.116	0.118	92.8	94.4	59.0-130			1.71	20
Propene	0.125	0.0748	0.0798	59.8	63.8	10.0-160			6.47	20
n-Propylbenzene	0.125	0.116	0.116	92.8	92.8	74.0-126			0.000	20
Styrene	0.125	0.103	0.106	82.4	84.8	72.0-127			2.87	20
1,1,1,2-Tetrachloroethane	0.125	0.101	0.101	80.8	80.8	74.0-129			0.000	20
1,1,2,2-Tetrachloroethane	0.125	0.136	0.133	109	106	68.0-128			2.23	20
Tetrachloroethene	0.125	0.108	0.111	86.4	88.8	70.0-136			2.74	20
Toluene	0.125	0.111	0.113	88.8	90.4	75.0-121			1.79	20
1,1,2-Trichlorotrifluoroethane	0.125	0.106	0.108	84.8	86.4	61.0-139			1.87	20
1,2,3-Trichlorobenzene	0.125	0.114	0.122	91.2	97.6	59.0-139			6.78	20
1,2,4-Trichlorobenzene	0.125	0.102	0.104	81.6	83.2	62.0-137			1.94	20
1,1,1-Trichloroethane	0.125	0.0977	0.101	78.2	80.8	69.0-126			3.32	20
1,1,2-Trichloroethane	0.125	0.116	0.118	92.8	94.4	78.0-123			1.71	20
Trichloroethene	0.125	0.0973	0.102	77.8	81.6	76.0-126			4.72	20
Trichlorofluoromethane	0.125	0.108	0.111	86.4	88.8	61.0-142			2.74	20
1,2,3-Trichloropropane	0.125	0.113	0.111	90.4	88.8	67.0-129			1.79	20
1,2,3-Trimethylbenzene	0.125	0.0980	0.101	78.4	80.8	74.0-124			3.02	20
1,2,4-Trimethylbenzene	0.125	0.105	0.106	84.0	84.8	70.0-126			0.948	20
1,3,5-Trimethylbenzene	0.125	0.117	0.120	93.6	96.0	73.0-127			2.53	20
Vinyl chloride	0.125	0.130	0.140	104	112	63.0-134			7.41	20
Xylenes, Total	0.375	0.308	0.316	82.1	84.3	72.0-127			2.56	20
(S) Toluene-d8				*107*	*108*	*75.0-131*				
(S) 4-Bromofluorobenzene				*92.2*	*92.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*92.5*	*90.8*	*70.0-130*				

Method Blank (MB)

(MB) R3519411-3 04/15/20 19:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3519411-3 04/15/20 19:17

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*88.3*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519411-1 04/15/20 18:01 • (LCSD) R3519411-2 04/15/20 18:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.526	0.518	84.2	82.9	10.0-160			1.53	31
Acrylonitrile	0.625	0.572	0.607	91.5	97.1	45.0-153			5.94	22
Benzene	0.125	0.107	0.107	85.6	85.6	70.0-123			0.000	20
Bromobenzene	0.125	0.116	0.113	92.8	90.4	73.0-121			2.62	20
Bromodichloromethane	0.125	0.135	0.132	108	106	73.0-121			2.25	20
Bromoform	0.125	0.108	0.107	86.4	85.6	64.0-132			0.930	20
Bromomethane	0.125	0.109	0.113	87.2	90.4	56.0-147			3.60	20
1,3-Butadiene	0.125	0.0846	0.0831	67.7	66.5	32.0-150			1.79	20
n-Butylbenzene	0.125	0.0922	0.0928	73.8	74.2	68.0-135			0.649	20
sec-Butylbenzene	0.125	0.107	0.104	85.6	83.2	74.0-130			2.84	20
tert-Butylbenzene	0.125	0.111	0.107	88.8	85.6	75.0-127			3.67	20
Carbon disulfide	0.125	0.0880	0.0899	70.4	71.9	56.0-133			2.14	20
Carbon tetrachloride	0.125	0.124	0.125	99.2	100	66.0-128			0.803	20
Chlorobenzene	0.125	0.0987	0.0955	79.0	76.4	76.0-128			3.30	20
Chlorodibromomethane	0.125	0.109	0.108	87.2	86.4	74.0-127			0.922	20
Chloroethane	0.125	0.119	0.122	95.2	97.6	61.0-134			2.49	20
Chloroform	0.125	0.116	0.118	92.8	94.4	72.0-123			1.71	20
Chloromethane	0.125	0.114	0.112	91.2	89.6	51.0-138			1.77	20
Cyclohexane	0.125	0.107	0.104	85.6	83.2	70.0-130			2.84	20
2-Chlorotoluene	0.125	0.0991	0.0978	79.3	78.2	75.0-124			1.32	20
4-Chlorotoluene	0.125	0.105	0.102	84.0	81.6	75.0-124			2.90	20
1,2-Dibromo-3-Chloropropane	0.125	0.0893	0.0902	71.4	72.2	59.0-130			1.00	20
1,2-Dibromoethane	0.125	0.105	0.102	84.0	81.6	74.0-128			2.90	20
Dibromomethane	0.125	0.135	0.134	108	107	75.0-122			0.743	20
1,2-Dichlorobenzene	0.125	0.115	0.113	92.0	90.4	76.0-124			1.75	20
1,3-Dichlorobenzene	0.125	0.103	0.104	82.4	83.2	76.0-125			0.966	20
1,4-Dichlorobenzene	0.125	0.0913	0.0916	73.0	73.3	77.0-121	L2	L2	0.328	20
Dichlorodifluoromethane	0.125	0.119	0.119	95.2	95.2	43.0-156			0.000	20
1,1-Dichloroethane	0.125	0.120	0.125	96.0	100	70.0-127			4.08	20
1,2-Dichloroethane	0.125	0.115	0.116	92.0	92.8	65.0-131			0.866	20
1,1-Dichloroethene	0.125	0.0935	0.0980	74.8	78.4	65.0-131			4.70	20
cis-1,2-Dichloroethene	0.125	0.135	0.136	108	109	73.0-125			0.738	20
trans-1,2-Dichloroethene	0.125	0.107	0.113	85.6	90.4	71.0-125			5.45	20
1,2-Dichloropropane	0.125	0.111	0.107	88.8	85.6	74.0-125			3.67	20
1,1-Dichloropropene	0.125	0.0956	0.0970	76.5	77.6	73.0-125			1.45	20
1,3-Dichloropropane	0.125	0.117	0.112	93.6	89.6	80.0-125			4.37	20
cis-1,3-Dichloropropene	0.125	0.102	0.0984	81.6	78.7	76.0-127			3.59	20
trans-1,3-Dichloropropene	0.125	0.103	0.102	82.4	81.6	73.0-127			0.976	20
2,2-Dichloropropane	0.125	0.117	0.112	93.6	89.6	59.0-135			4.37	20
Dicyclopentadiene	0.125	0.0983	0.0968	78.6	77.4	71.0-132			1.54	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519411-1 04/15/20 18:01 • (LCSD) R3519411-2 04/15/20 18:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.125	0.122	100	97.6	60.0-136			2.43	20
Ethylbenzene	0.125	0.0996	0.100	79.7	80.0	74.0-126			0.401	20
4-Ethyltoluene	0.125	0.119	0.115	95.2	92.0	71.0-129			3.42	20
Hexachloro-1,3-butadiene	0.125	0.110	0.113	88.0	90.4	57.0-150			2.69	20
n-Hexane	0.125	0.126	0.126	101	101	55.0-137			0.000	20
Isopropylbenzene	0.125	0.103	0.104	82.4	83.2	72.0-127			0.966	20
p-Isopropyltoluene	0.125	0.0991	0.0977	79.3	78.2	72.0-133			1.42	20
2-Butanone (MEK)	0.625	0.588	0.534	94.1	85.4	30.0-160			9.63	24
Methyl Cyclohexane	0.125	0.132	0.125	106	100	67.0-129			5.45	20
Methylene Chloride	0.125	0.110	0.112	88.0	89.6	68.0-123			1.80	20
4-Methyl-2-pentanone (MIBK)	0.625	0.583	0.551	93.3	88.2	56.0-143			5.64	20
Methyl tert-butyl ether	0.125	0.137	0.136	110	109	66.0-132			0.733	20
Naphthalene	0.125	0.102	0.0992	81.6	79.4	59.0-130			2.78	20
Propene	0.125	0.0801	0.0804	64.1	64.3	10.0-160			0.374	20
n-Propylbenzene	0.125	0.111	0.105	88.8	84.0	74.0-126			5.56	20
Styrene	0.125	0.116	0.114	92.8	91.2	72.0-127			1.74	20
1,1,1,2-Tetrachloroethane	0.125	0.104	0.103	83.2	82.4	74.0-129			0.966	20
1,1,2,2-Tetrachloroethane	0.125	0.124	0.117	99.2	93.6	68.0-128			5.81	20
Tetrachloroethene	0.125	0.144	0.146	115	117	70.0-136			1.38	20
Toluene	0.125	0.107	0.106	85.6	84.8	75.0-121			0.939	20
1,1,2-Trichlorotrifluoroethane	0.125	0.100	0.0917	80.0	73.4	61.0-139			8.66	20
1,2,3-Trichlorobenzene	0.125	0.0967	0.0997	77.4	79.8	59.0-139			3.05	20
1,2,4-Trichlorobenzene	0.125	0.0968	0.0977	77.4	78.2	62.0-137			0.925	20
1,1,1-Trichloroethane	0.125	0.142	0.137	114	110	69.0-126			3.58	20
1,1,2-Trichloroethane	0.125	0.102	0.0920	81.6	73.6	78.0-123		L2	10.3	20
Trichloroethene	0.125	0.113	0.110	90.4	88.0	76.0-126			2.69	20
Trichlorofluoromethane	0.125	0.0920	0.101	73.6	80.8	61.0-142			9.33	20
1,2,3-Trichloropropane	0.125	0.125	0.114	100	91.2	67.0-129			9.21	20
1,2,3-Trimethylbenzene	0.125	0.100	0.0972	80.0	77.8	74.0-124			2.84	20
1,2,4-Trimethylbenzene	0.125	0.124	0.119	99.2	95.2	70.0-126			4.12	20
1,3,5-Trimethylbenzene	0.125	0.115	0.109	92.0	87.2	73.0-127			5.36	20
Vinyl chloride	0.125	0.118	0.113	94.4	90.4	63.0-134			4.33	20
Xylenes, Total	0.375	0.324	0.314	86.4	83.7	72.0-127			3.13	20
(S) Toluene-d8				*101*	*98.7*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*95.6*	*98.8*	*70.0-130*				

Method Blank (MB)

(MB) R3519320-3 04/15/20 19:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U	E4	0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3519320-3 04/15/20 19:18

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U	E4	0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*106*			*75.0-131*
(S) 4-Bromofluorobenzene	*102*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*97.5*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519320-1 04/15/20 18:02 • (LCSD) R3519320-2 04/15/20 18:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.916	0.665	147	106	10.0-160		R7	31.8	31
Acrylonitrile	0.625	0.727	0.529	116	84.6	45.0-153		R7	31.5	22
Benzene	0.125	0.122	0.121	97.6	96.8	70.0-123			0.823	20
Bromobenzene	0.125	0.121	0.124	96.8	99.2	73.0-121			2.45	20
Bromodichloromethane	0.125	0.119	0.120	95.2	96.0	73.0-121			0.837	20
Bromoform	0.125	0.139	0.136	111	109	64.0-132			2.18	20
Bromomethane	0.125	0.125	0.119	100	95.2	56.0-147			4.92	20
1,3-Butadiene	0.125	0.150	0.143	120	114	32.0-150			4.78	20
n-Butylbenzene	0.125	0.115	0.116	92.0	92.8	68.0-135			0.866	20
sec-Butylbenzene	0.125	0.108	0.110	86.4	88.0	74.0-130			1.83	20
tert-Butylbenzene	0.125	0.110	0.113	88.0	90.4	75.0-127			2.69	20
Carbon disulfide	0.125	0.112	0.104	89.6	83.2	56.0-133			7.41	20
Carbon tetrachloride	0.125	0.119	0.113	95.2	90.4	66.0-128			5.17	20
Chlorobenzene	0.125	0.127	0.127	102	102	76.0-128			0.000	20
Chlorodibromomethane	0.125	0.120	0.120	96.0	96.0	74.0-127			0.000	20
Chloroethane	0.125	0.124	0.115	99.2	92.0	61.0-134			7.53	20
Chloroform	0.125	0.129	0.121	103	96.8	72.0-123			6.40	20
Chloromethane	0.125	0.142	0.138	114	110	51.0-138			2.86	20
Cyclohexane	0.125	0.127	0.114	102	91.2	70.0-130			10.8	20
2-Chlorotoluene	0.125	0.115	0.110	92.0	88.0	75.0-124			4.44	20
4-Chlorotoluene	0.125	0.107	0.106	85.6	84.8	75.0-124			0.939	20
1,2-Dibromo-3-Chloropropane	0.125	0.131	0.123	105	98.4	59.0-130			6.30	20
1,2-Dibromoethane	0.125	0.140	0.138	112	110	74.0-128			1.44	20
Dibromomethane	0.125	0.131	0.130	105	104	75.0-122			0.766	20
1,2-Dichlorobenzene	0.125	0.116	0.116	92.8	92.8	76.0-124			0.000	20
1,3-Dichlorobenzene	0.125	0.111	0.116	88.8	92.8	76.0-125			4.41	20
1,4-Dichlorobenzene	0.125	0.121	0.119	96.8	95.2	77.0-121			1.67	20
Dichlorodifluoromethane	0.125	0.116	0.117	92.8	93.6	43.0-156			0.858	20
1,1-Dichloroethane	0.125	0.135	0.128	108	102	70.0-127			5.32	20
1,2-Dichloroethane	0.125	0.115	0.109	92.0	87.2	65.0-131			5.36	20
1,1-Dichloroethene	0.125	0.119	0.117	95.2	93.6	65.0-131			1.69	20
cis-1,2-Dichloroethene	0.125	0.129	0.115	103	92.0	73.0-125			11.5	20
trans-1,2-Dichloroethene	0.125	0.127	0.115	102	92.0	71.0-125			9.92	20
1,2-Dichloropropane	0.125	0.125	0.125	100	100	74.0-125			0.000	20
1,1-Dichloropropene	0.125	0.122	0.119	97.6	95.2	73.0-125			2.49	20
1,3-Dichloropropane	0.125	0.133	0.135	106	108	80.0-125			1.49	20
cis-1,3-Dichloropropene	0.125	0.118	0.121	94.4	96.8	76.0-127			2.51	20
trans-1,3-Dichloropropene	0.125	0.119	0.118	95.2	94.4	73.0-127			0.844	20
2,2-Dichloropropane	0.125	0.131	0.119	105	95.2	59.0-135			9.60	20
Dicyclopentadiene	0.125	0.127	0.129	102	103	71.0-132			1.56	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519320-1 04/15/20 18:02 • (LCSD) R3519320-2 04/15/20 18:21

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.131	0.124	105	99.2	60.0-136			5.49	20
Ethylbenzene	0.125	0.116	0.112	92.8	89.6	74.0-126			3.51	20
4-Ethyltoluene	0.125	0.111	0.113	88.8	90.4	71.0-129			1.79	20
Hexachloro-1,3-butadiene	0.125	0.158	0.161	126	129	57.0-150			1.88	20
n-Hexane	0.125	0.134	0.122	107	97.6	55.0-137			9.38	20
Isopropylbenzene	0.125	0.130	0.129	104	103	72.0-127			0.772	20
p-Isopropyltoluene	0.125	0.109	0.110	87.2	88.0	72.0-133			0.913	20
2-Butanone (MEK)	0.625	0.686	0.645	110	103	30.0-160			6.16	24
Methyl Cyclohexane	0.125	0.136	0.133	109	106	67.0-129			2.23	20
Methylene Chloride	0.125	0.144	0.132	115	106	68.0-123			8.70	20
4-Methyl-2-pentanone (MIBK)	0.625	0.719	0.672	115	108	56.0-143			6.76	20
Methyl tert-butyl ether	0.125	0.140	0.126	112	101	66.0-132			10.5	20
Naphthalene	0.125	0.121	0.128	96.8	102	59.0-130			5.62	20
Propene	0.125	0.0761	0.0678	60.9	54.2	10.0-160			11.5	20
n-Propylbenzene	0.125	0.117	0.121	93.6	96.8	74.0-126			3.36	20
Styrene	0.125	0.122	0.121	97.6	96.8	72.0-127			0.823	20
1,1,1,2-Tetrachloroethane	0.125	0.143	0.141	114	113	74.0-129			1.41	20
1,1,2,2-Tetrachloroethane	0.125	0.113	0.113	90.4	90.4	68.0-128			0.000	20
Tetrachloroethene	0.125	0.144	0.143	115	114	70.0-136			0.697	20
Toluene	0.125	0.130	0.129	104	103	75.0-121			0.772	20
1,1,2-Trichlorotrifluoroethane	0.125	0.123	0.116	98.4	92.8	61.0-139			5.86	20
1,2,3-Trichlorobenzene	0.125	0.127	0.136	102	109	59.0-139			6.84	20
1,2,4-Trichlorobenzene	0.125	0.147	0.151	118	121	62.0-137			2.68	20
1,1,1-Trichloroethane	0.125	0.123	0.121	98.4	96.8	69.0-126			1.64	20
1,1,2-Trichloroethane	0.125	0.121	0.121	96.8	96.8	78.0-123			0.000	20
Trichloroethene	0.125	0.136	0.139	109	111	76.0-126			2.18	20
Trichlorofluoromethane	0.125	0.128	0.120	102	96.0	61.0-142			6.45	20
1,2,3-Trichloropropane	0.125	0.118	0.127	94.4	102	67.0-129			7.35	20
1,2,3-Trimethylbenzene	0.125	0.124	0.125	99.2	100	74.0-124			0.803	20
1,2,4-Trimethylbenzene	0.125	0.111	0.111	88.8	88.8	70.0-126			0.000	20
1,3,5-Trimethylbenzene	0.125	0.113	0.115	90.4	92.0	73.0-127			1.75	20
Vinyl chloride	0.125	0.135	0.132	108	106	63.0-134			2.25	20
Xylenes, Total	0.375	0.354	0.347	94.4	92.5	72.0-127			2.00	20
(S) Toluene-d8				*101*	*100*	*75.0-131*				
(S) 4-Bromofluorobenzene				*106*	*102*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*103*	*70.0-130*				

Method Blank (MB)

(MB) R3519651-3 04/17/20 09:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3519651-3 04/17/20 09:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U	E4	0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519651-1 04/17/20 08:10 • (LCSD) R3519651-2 04/17/20 08:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.781	0.856	125	137	10.0-160			9.16	31
Acrylonitrile	0.625	0.745	0.805	119	129	45.0-153			7.74	22
Benzene	0.125	0.143	0.134	114	107	70.0-123			6.50	20
Bromobenzene	0.125	0.132	0.139	106	111	73.0-121			5.17	20
Bromodichloromethane	0.125	0.126	0.127	101	102	73.0-121			0.791	20
Bromoform	0.125	0.142	0.151	114	121	64.0-132			6.14	20
Bromomethane	0.125	0.138	0.133	110	106	56.0-147			3.69	20
1,3-Butadiene	0.125	0.114	0.114	91.2	91.2	32.0-150			0.000	20
n-Butylbenzene	0.125	0.112	0.112	89.6	89.6	68.0-135			0.000	20
sec-Butylbenzene	0.125	0.118	0.117	94.4	93.6	74.0-130			0.851	20
tert-Butylbenzene	0.125	0.136	0.138	109	110	75.0-127			1.46	20
Carbon disulfide	0.125	0.124	0.115	99.2	92.0	56.0-133			7.53	20
Carbon tetrachloride	0.125	0.162	0.151	130	121	66.0-128	L1		7.03	20
Chlorobenzene	0.125	0.117	0.116	93.6	92.8	76.0-128			0.858	20
Chlorodibromomethane	0.125	0.175	0.167	140	134	74.0-127	L1	L1	4.68	20
Chloroethane	0.125	0.135	0.108	108	86.4	61.0-134		R7	22.2	20
Chloroform	0.125	0.104	0.108	83.2	86.4	72.0-123			3.77	20
Chloromethane	0.125	0.137	0.125	110	100	51.0-138			9.16	20
Cyclohexane	0.125	0.145	0.128	116	102	70.0-130			12.5	20
2-Chlorotoluene	0.125	0.144	0.158	115	126	75.0-124		L1	9.27	20
4-Chlorotoluene	0.125	0.111	0.135	88.8	108	75.0-124			19.5	20
1,2-Dibromo-3-Chloropropane	0.125	0.131	0.141	105	113	59.0-130			7.35	20
1,2-Dibromoethane	0.125	0.124	0.128	99.2	102	74.0-128			3.17	20
Dibromomethane	0.125	0.128	0.128	102	102	75.0-122			0.000	20
1,2-Dichlorobenzene	0.125	0.141	0.132	113	106	76.0-124			6.59	20
1,3-Dichlorobenzene	0.125	0.130	0.128	104	102	76.0-125			1.55	20
1,4-Dichlorobenzene	0.125	0.117	0.118	93.6	94.4	77.0-121			0.851	20
Dichlorodifluoromethane	0.125	0.142	0.124	114	99.2	43.0-156			13.5	20
1,1-Dichloroethane	0.125	0.150	0.137	120	110	70.0-127			9.06	20
1,2-Dichloroethane	0.125	0.137	0.142	110	114	65.0-131			3.58	20
1,1-Dichloroethene	0.125	0.154	0.145	123	116	65.0-131			6.02	20
cis-1,2-Dichloroethene	0.125	0.136	0.122	109	97.6	73.0-125			10.9	20
trans-1,2-Dichloroethene	0.125	0.140	0.132	112	106	71.0-125			5.88	20
1,2-Dichloropropane	0.125	0.135	0.147	108	118	74.0-125			8.51	20
1,1-Dichloropropene	0.125	0.110	0.111	88.0	88.8	73.0-125			0.905	20
1,3-Dichloropropane	0.125	0.133	0.139	106	111	80.0-125			4.41	20
cis-1,3-Dichloropropene	0.125	0.131	0.137	105	110	76.0-127			4.48	20
trans-1,3-Dichloropropene	0.125	0.127	0.122	102	97.6	73.0-127			4.02	20
2,2-Dichloropropane	0.125	0.165	0.164	132	131	59.0-135			0.608	20
Dicyclopentadiene	0.125	0.123	0.127	98.4	102	71.0-132			3.20	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519651-1 04/17/20 08:10 • (LCSD) R3519651-2 04/17/20 08:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.123	0.120	98.4	96.0	60.0-136			2.47	20
Ethylbenzene	0.125	0.107	0.110	85.6	88.0	74.0-126			2.76	20
4-Ethyltoluene	0.125	0.129	0.133	103	106	71.0-129			3.05	20
Hexachloro-1,3-butadiene	0.125	0.112	0.110	89.6	88.0	57.0-150			1.80	20
n-Hexane	0.125	0.135	0.132	108	106	55.0-137			2.25	20
Isopropylbenzene	0.125	0.126	0.122	101	97.6	72.0-127			3.23	20
p-Isopropyltoluene	0.125	0.118	0.127	94.4	102	72.0-133			7.35	20
2-Butanone (MEK)	0.625	0.719	0.748	115	120	30.0-160			3.95	24
Methyl Cyclohexane	0.125	0.139	0.127	111	102	67.0-129			9.02	20
Methylene Chloride	0.125	0.145	0.148	116	118	68.0-123			2.05	20
4-Methyl-2-pentanone (MIBK)	0.625	0.688	0.702	110	112	56.0-143			2.01	20
Methyl tert-butyl ether	0.125	0.128	0.134	102	107	66.0-132			4.58	20
Naphthalene	0.125	0.116	0.134	92.8	107	59.0-130			14.4	20
Propene	0.125	0.154	0.138	123	110	10.0-160			11.0	20
n-Propylbenzene	0.125	0.126	0.125	101	100	74.0-126			0.797	20
Styrene	0.125	0.110	0.117	88.0	93.6	72.0-127			6.17	20
1,1,1,2-Tetrachloroethane	0.125	0.106	0.110	84.8	88.0	74.0-129			3.70	20
1,1,2,2-Tetrachloroethane	0.125	0.123	0.124	98.4	99.2	68.0-128			0.810	20
Tetrachloroethene	0.125	0.116	0.112	92.8	89.6	70.0-136			3.51	20
Toluene	0.125	0.133	0.129	106	103	75.0-121			3.05	20
1,1,2-Trichlorotrifluoroethane	0.125	0.135	0.0864	108	69.1	61.0-139		R7	43.9	20
1,2,3-Trichlorobenzene	0.125	0.0996	0.112	79.7	89.6	59.0-139			11.7	20
1,2,4-Trichlorobenzene	0.125	0.117	0.133	93.6	106	62.0-137			12.8	20
1,1,1-Trichloroethane	0.125	0.136	0.118	109	94.4	69.0-126			14.2	20
1,1,2-Trichloroethane	0.125	0.142	0.143	114	114	78.0-123			0.702	20
Trichloroethene	0.125	0.116	0.112	92.8	89.6	76.0-126			3.51	20
Trichlorofluoromethane	0.125	0.134	0.127	107	102	61.0-142			5.36	20
1,2,3-Trichloropropane	0.125	0.130	0.142	104	114	67.0-129			8.82	20
1,2,3-Trimethylbenzene	0.125	0.109	0.117	87.2	93.6	74.0-124			7.08	20
1,2,4-Trimethylbenzene	0.125	0.129	0.123	103	98.4	70.0-126			4.76	20
1,3,5-Trimethylbenzene	0.125	0.135	0.134	108	107	73.0-127			0.743	20
Vinyl chloride	0.125	0.145	0.132	116	106	63.0-134			9.39	20
Xylenes, Total	0.375	0.368	0.373	98.1	99.5	72.0-127			1.35	20
(S) Toluene-d8				*100*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*100*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*111*	*111*	*70.0-130*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3519928-1 04/19/20 13:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*120*			*10.0-135*
(S) Tetrachloro-m-xylene	*88.6*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3519928-2 04/19/20 14:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.203	122	37.0-145	
PCB 1016	0.167	0.179	107	36.0-141	
(S) Decachlorobiphenyl			*111*	*10.0-135*	
(S) Tetrachloro-m-xylene			*102*	*10.0-139*	

L1206843-24 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1206843-24 04/19/20 15:27 • (MS) R3519928-3 04/19/20 15:41 • (MSD) R3519928-4 04/19/20 15:55

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.152	0.181	91.0	108	1	10.0-160			17.4	38
PCB 1016	0.167	ND	0.129	0.153	77.2	91.6	1	10.0-160			17.0	37
(S) Decachlorobiphenyl					*88.0*	*97.3*		*10.0-135*				
(S) Tetrachloro-m-xylene					*80.5*	*88.6*		*10.0-139*				

Method Blank (MB)

(MB) R3519875-1 04/18/20 16:15

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*110*			*10.0-135*
(S) Tetrachloro-m-xylene	*114*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3519875-2 04/18/20 16:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.149	89.2	37.0-145	
PCB 1016	0.167	0.159	95.2	36.0-141	
(S) Decachlorobiphenyl			*105*	*10.0-135*	
(S) Tetrachloro-m-xylene			*100*	*10.0-139*	

L1209591-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209591-01 04/18/20 19:10 • (MS) R3519875-3 04/18/20 19:22 • (MSD) R3519875-4 04/18/20 19:35

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.172	U	0.246	0.213	143	124	1	10.0-160			14.3	38
PCB 1016	0.172	U	0.251	0.219	146	128	1	10.0-160			13.6	37
(S) Decachlorobiphenyl					*143*	*121*		*10.0-135*	S10			
(S) Tetrachloro-m-xylene					*130*	*109*		*10.0-139*				

Method Blank (MB)

(MB) R3519924-1 04/18/20 11:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*110*			*10.0-135*
(S) Tetrachloro-m-xylene	*103*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3519924-2 04/18/20 11:56

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.209	125	37.0-145	
PCB 1016	0.167	0.205	123	36.0-141	
(S) Decachlorobiphenyl			*119*	*10.0-135*	
(S) Tetrachloro-m-xylene			*107*	*10.0-139*	

L1208413-14 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-14 04/18/20 12:10 • (MS) R3519924-3 04/18/20 12:24 • (MSD) R3519924-4 04/18/20 12:39

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.202	0.195	121	117	1	10.0-160			3.53	38
PCB 1016	0.167	ND	0.203	0.194	122	116	1	10.0-160			4.53	37
(S) Decachlorobiphenyl					*116*	*101*		*10.0-135*				
(S) Tetrachloro-m-xylene					*107*	*97.4*		*10.0-139*				

Method Blank (MB)

(MB) R3519925-1 04/18/20 18:04

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*102*			*10.0-135*
(S) Tetrachloro-m-xylene	*92.8*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3519925-2 04/18/20 18:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.215	129	37.0-145	
PCB 1016	0.167	0.202	121	36.0-141	
(S) Decachlorobiphenyl			*118*	*10.0-135*	
(S) Tetrachloro-m-xylene			*110*	*10.0-139*	

L1208413-34 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-34 04/18/20 18:32 • (MS) R3519925-3 04/18/20 18:46 • (MSD) R3519925-4 04/18/20 19:00

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.192	0.189	115	113	1	10.0-160			1.57	38
PCB 1016	0.167	ND	0.182	0.174	109	104	1	10.0-160			4.49	37
(S) Decachlorobiphenyl					*109*	*104*		*10.0-135*				
(S) Tetrachloro-m-xylene					*98.0*	*96.1*		*10.0-139*				

Method Blank (MB)

(MB) R3519664-1 04/17/20 15:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*149*	S10		*10.0-128*
(S) Tetrachloro-m-xylene	*131*	S10		*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519664-2 04/17/20 15:35 • (LCSD) R3519664-3 04/17/20 15:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.00250	0.00329	0.00301	132	120	42.0-131	L1		8.89	25
PCB 1016	0.00250	0.00314	0.00292	126	117	36.0-135			7.26	29
(S) Decachlorobiphenyl				*134*	*122*	*10.0-128*	S10			
(S) Tetrachloro-m-xylene				*114*	*108*	*10.0-127*				

Method Blank (MB)

(MB) R3519011-1 04/15/20 18:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	0.0000325	E4	0.0000140	0.0000500
Acenaphthene	0.0000313	E4	0.0000100	0.0000500
Acenaphthylene	0.0000322	E4	0.0000120	0.0000500
Benzo(a)anthracene	0.0000428	E4	0.00000410	0.0000500
Benzo(a)pyrene	0.0000374	E4	0.0000116	0.0000500
Benzo(b)fluoranthene	0.0000358	E4	0.00000212	0.0000500
Benzo(g,h,i)perylene	0.0000323	E4	0.00000227	0.0000500
Benzo(k)fluoranthene	0.0000333	E4	0.0000136	0.0000500
Chrysene	0.0000367	E4	0.0000108	0.0000500
Dibenz(a,h)anthracene	0.0000344	E4	0.00000396	0.0000500
Fluoranthene	0.0000360	E4	0.0000157	0.0000500
Fluorene	0.0000336	E4	0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	0.0000322	E4	0.0000148	0.0000500
Naphthalene	0.0000501	E4	0.0000198	0.000250
Phenanthrene	0.0000356	E4	0.00000820	0.0000500
Pyrene	0.0000392	E4	0.0000117	0.0000500
1-Methylnaphthalene	0.0000371	E4	0.00000821	0.000250
2-Methylnaphthalene	0.0000388	E4	0.00000902	0.000250
2-Chloronaphthalene	0.0000331	E4	0.00000647	0.000250
(S) Nitrobenzene-d5	*101*			*31.0-160*
(S) 2-Fluorobiphenyl	*98.5*			*48.0-148*
(S) p-Terphenyl-d14	*108*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519011-2 04/15/20 19:42 • (LCSD) R3519011-3 04/15/20 20:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00217	0.00211	108	105	67.0-150			2.80	20
Acenaphthene	0.00200	0.00195	0.00190	97.5	95.0	65.0-138			2.60	20
Acenaphthylene	0.00200	0.00201	0.00197	100	98.5	66.0-140			2.01	20
Benzo(a)anthracene	0.00200	0.00191	0.00203	95.5	102	61.0-140			6.09	20
Benzo(a)pyrene	0.00200	0.00176	0.00201	88.0	100	60.0-143			13.3	20
Benzo(b)fluoranthene	0.00200	0.00168	0.00194	84.0	97.0	58.0-141			14.4	20
Benzo(g,h,i)perylene	0.00200	0.00154	0.00182	77.0	91.0	52.0-153			16.7	20
Benzo(k)fluoranthene	0.00200	0.00176	0.00207	88.0	103	58.0-148			16.2	20
Chrysene	0.00200	0.00197	0.00215	98.5	108	64.0-144			8.74	20
Dibenz(a,h)anthracene	0.00200	0.00161	0.00192	80.5	96.0	52.0-155			17.6	20
Fluoranthene	0.00200	0.00197	0.00197	98.5	98.5	69.0-153			0.000	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519011-2 04/15/20 19:42 • (LCSD) R3519011-3 04/15/20 20:03

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00201	0.00193	100	96.5	64.0-136			4.06	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00163	0.00187	81.5	93.5	54.0-153			13.7	20
Naphthalene	0.00200	0.00194	0.00191	97.0	95.5	61.0-137			1.56	20
Phenanthrene	0.00200	0.00196	0.00193	98.0	96.5	62.0-137			1.54	20
Pyrene	0.00200	0.00214	0.00205	107	102	60.0-142			4.30	20
1-Methylnaphthalene	0.00200	0.00202	0.00199	101	99.5	66.0-142			1.50	20
2-Methylnaphthalene	0.00200	0.00192	0.00190	96.0	95.0	62.0-136			1.05	20
2-Chloronaphthalene	0.00200	0.00193	0.00189	96.5	94.5	64.0-140			2.09	20
(S) Nitrobenzene-d5				*98.5*	*96.5*	*31.0-160*				
(S) 2-Fluorobiphenyl				*98.5*	*93.5*	*48.0-148*				
(S) p-Terphenyl-d14				*88.0*	*96.5*	*37.0-146*				

Method Blank (MB)

(MB) R3519509-1 04/17/20 03:37

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*103*			*14.0-149*
(S) 2-Fluorobiphenyl	*84.7*			*34.0-125*
(S) p-Terphenyl-d14	*93.0*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519509-2 04/17/20 03:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0646	80.7	50.0-126	
Acenaphthene	0.0800	0.0678	84.8	50.0-120	
Acenaphthylene	0.0800	0.0701	87.6	50.0-120	
Benzo(a)anthracene	0.0800	0.0701	87.6	45.0-120	
Benzo(a)pyrene	0.0800	0.0598	74.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0662	82.8	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0667	83.4	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0655	81.9	49.0-125	
Chrysene	0.0800	0.0674	84.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0694	86.8	47.0-125	
Fluoranthene	0.0800	0.0714	89.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519509-2 04/17/20 03:59

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0719	89.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0684	85.5	46.0-125	
Naphthalene	0.0800	0.0628	78.5	50.0-120	
Phenanthrene	0.0800	0.0637	79.6	47.0-120	
Pyrene	0.0800	0.0644	80.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0653	81.6	51.0-121	
2-Methylnaphthalene	0.0800	0.0625	78.1	50.0-120	
2-Chloronaphthalene	0.0800	0.0629	78.6	50.0-120	
(S) Nitrobenzene-d5			*116*	*14.0-149*	
(S) 2-Fluorobiphenyl			*93.9*	*34.0-125*	
(S) p-Terphenyl-d14			*101*	*23.0-120*	

L1208413-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-03 04/17/20 05:05 • (MS) R3519509-3 04/17/20 05:27 • (MSD) R3519509-4 04/17/20 05:50

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0796	ND	0.0615	0.0597	77.3	75.8	1	10.0-145			2.97	30
Acenaphthene	0.0796	ND	0.0651	0.0627	81.8	79.6	1	14.0-127			3.76	27
Acenaphthylene	0.0796	ND	0.0677	0.0649	85.1	82.4	1	21.0-124			4.22	25
Benzo(a)anthracene	0.0796	ND	0.0661	0.0633	83.0	80.3	1	10.0-139			4.33	30
Benzo(a)pyrene	0.0796	ND	0.0634	0.0612	79.6	77.7	1	10.0-141			3.53	31
Benzo(b)fluoranthene	0.0796	ND	0.0641	0.0606	80.5	76.9	1	10.0-140			5.61	36
Benzo(g,h,i)perylene	0.0796	ND	0.0642	0.0617	80.7	78.3	1	10.0-140			3.97	33
Benzo(k)fluoranthene	0.0796	ND	0.0614	0.0607	77.1	77.0	1	10.0-137			1.15	31
Chrysene	0.0796	ND	0.0641	0.0613	80.5	77.8	1	10.0-145			4.47	30
Dibenz(a,h)anthracene	0.0796	ND	0.0658	0.0633	82.7	80.3	1	10.0-132			3.87	31
Fluoranthene	0.0796	ND	0.0672	0.0648	84.4	82.2	1	10.0-153			3.64	33
Fluorene	0.0796	ND	0.0691	0.0663	86.8	84.1	1	11.0-130			4.14	29
Indeno(1,2,3-cd)pyrene	0.0796	ND	0.0653	0.0626	82.0	79.4	1	10.0-137			4.22	32
Naphthalene	0.0796	ND	0.0602	0.0581	75.6	73.7	1	10.0-135			3.55	27
Phenanthrene	0.0796	ND	0.0599	0.0580	75.3	73.6	1	10.0-144			3.22	31
Pyrene	0.0796	ND	0.0610	0.0592	76.6	75.1	1	10.0-148			3.00	35
1-Methylnaphthalene	0.0796	ND	0.0626	0.0605	78.6	76.8	1	10.0-142			3.41	28
2-Methylnaphthalene	0.0796	ND	0.0597	0.0583	75.0	74.0	1	10.0-137			2.37	28
2-Chloronaphthalene	0.0796	ND	0.0607	0.0587	76.3	74.5	1	29.0-120			3.35	24
(S) Nitrobenzene-d5					*108*	*104*		*14.0-149*				
(S) 2-Fluorobiphenyl					*86.9*	*84.2*		*34.0-125*				
(S) p-Terphenyl-d14					*94.7*	*92.1*		*23.0-120*				

Method Blank (MB)

(MB) R3519750-2 04/18/20 04:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*75.9*			*14.0-149*
(S) 2-Fluorobiphenyl	*73.3*			*34.0-125*
(S) p-Terphenyl-d14	*85.0*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519750-1 04/18/20 04:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0603	75.4	50.0-126	
Acenaphthene	0.0800	0.0642	80.3	50.0-120	
Acenaphthylene	0.0800	0.0674	84.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0648	81.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0542	67.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0557	69.6	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0569	71.1	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0657	82.1	49.0-125	
Chrysene	0.0800	0.0660	82.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0584	73.0	47.0-125	
Fluoranthene	0.0800	0.0728	91.0	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519750-1 04/18/20 04:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0651	81.4	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0588	73.5	46.0-125	
Naphthalene	0.0800	0.0634	79.3	50.0-120	
Phenanthrene	0.0800	0.0666	83.3	47.0-120	
Pyrene	0.0800	0.0612	76.5	43.0-123	
1-Methylnaphthalene	0.0800	0.0601	75.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0572	71.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0611	76.4	50.0-120	
(S) Nitrobenzene-d5			*85.1*	*14.0-149*	
(S) 2-Fluorobiphenyl			*81.3*	*34.0-125*	
(S) p-Terphenyl-d14			*90.9*	*23.0-120*	

L1207286-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1207286-04 04/18/20 05:36 • (MS) R3519750-3 04/18/20 05:56 • (MSD) R3519750-4 04/18/20 06:17

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0925	U	0.0875	0.0940	94.5	101	1	10.0-145			7.24	30
Acenaphthene	0.0925	0.0705	0.149	0.148	84.9	83.2	1	14.0-127			0.791	27
Acenaphthylene	0.0925	0.0108	0.0622	0.0725	55.5	66.4	1	21.0-124			15.3	25
Benzo(a)anthracene	0.0925	U	0.0531	0.0655	57.4	70.5	1	10.0-139			21.0	30
Benzo(a)pyrene	0.0925	U	0.0467	0.0586	50.5	63.0	1	10.0-141			22.5	31
Benzo(b)fluoranthene	0.0925	U	0.0421	0.0560	45.6	60.2	1	10.0-140			28.2	36
Benzo(g,h,i)perylene	0.0925	U	0.0440	0.0558	47.6	60.0	1	10.0-140			23.5	33
Benzo(k)fluoranthene	0.0925	U	0.0519	0.0616	56.1	66.3	1	10.0-137			17.2	31
Chrysene	0.0925	U	0.0532	0.0661	57.5	71.1	1	10.0-145			21.7	30
Dibenz(a,h)anthracene	0.0925	U	0.0453	0.0572	49.0	61.5	1	10.0-132			23.1	31
Fluoranthene	0.0925	0.00771	0.0594	0.0711	55.9	68.2	1	10.0-153			18.0	33
Fluorene	0.0925	0.0906	0.177	0.174	93.7	89.4	1	11.0-130			2.01	29
Indeno(1,2,3-cd)pyrene	0.0925	U	0.0453	0.0570	49.0	61.4	1	10.0-137			22.9	32
Naphthalene	0.0925	0.0513	0.113	0.119	66.5	72.3	1	10.0-135			4.97	27
Phenanthrene	0.0925	0.141	0.254	0.250	122	117	1	10.0-144			1.40	31
Pyrene	0.0925	0.0808	0.168	0.170	94.2	96.2	1	10.0-148			1.39	35
1-Methylnaphthalene	0.0925	0.217	0.339	0.345	132	138	1	10.0-142			1.72	28
2-Methylnaphthalene	0.0925	0.169	0.278	0.279	118	119	1	10.0-137			0.421	28
2-Chloronaphthalene	0.0925	U	0.0516	0.0585	55.8	62.9	1	29.0-120			12.4	24
(S) Nitrobenzene-d5					*177*	*156*		*14.0-149*	S10	S10		
(S) 2-Fluorobiphenyl					*45.7*	*69.6*		*34.0-125*				
(S) p-Terphenyl-d14					*61.6*	*79.9*		*23.0-120*				

Method Blank (MB)

(MB) R3519769-1 04/18/20 07:54

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*114*			*14.0-149*
(S) 2-Fluorobiphenyl	*85.6*			*34.0-125*
(S) p-Terphenyl-d14	*95.4*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519769-2 04/18/20 08:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0617	77.1	50.0-126	
Acenaphthene	0.0800	0.0672	84.0	50.0-120	
Acenaphthylene	0.0800	0.0695	86.9	50.0-120	
Benzo(a)anthracene	0.0800	0.0685	85.6	45.0-120	
Benzo(a)pyrene	0.0800	0.0598	74.8	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0661	82.6	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0652	81.5	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0635	79.4	49.0-125	
Chrysene	0.0800	0.0658	82.3	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0668	83.5	47.0-125	
Fluoranthene	0.0800	0.0673	84.1	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519769-2 04/18/20 08:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0709	88.6	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0662	82.8	46.0-125	
Naphthalene	0.0800	0.0645	80.6	50.0-120	
Phenanthrene	0.0800	0.0604	75.5	47.0-120	
Pyrene	0.0800	0.0641	80.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0652	81.5	51.0-121	
2-Methylnaphthalene	0.0800	0.0628	78.5	50.0-120	
2-Chloronaphthalene	0.0800	0.0624	78.0	50.0-120	
(S) Nitrobenzene-d5			*118*	*14.0-149*	
(S) 2-Fluorobiphenyl			*87.2*	*34.0-125*	
(S) p-Terphenyl-d14			*96.4*	*23.0-120*	

L1208413-36 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208413-36 04/18/20 11:14 • (MS) R3519769-3 04/18/20 11:36 • (MSD) R3519769-4 04/18/20 11:58

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0427	0.0418	53.4	52.3	1	10.0-145			2.13	30
Acenaphthene	0.0800	ND	0.0472	0.0481	59.0	60.1	1	14.0-127			1.89	27
Acenaphthylene	0.0800	ND	0.0488	0.0501	61.0	62.6	1	21.0-124			2.63	25
Benzo(a)anthracene	0.0800	ND	0.0434	0.0423	54.3	52.9	1	10.0-139			2.57	30
Benzo(a)pyrene	0.0800	ND	0.0411	0.0398	51.4	49.8	1	10.0-141			3.21	31
Benzo(b)fluoranthene	0.0800	ND	0.0391	0.0380	48.9	47.5	1	10.0-140			2.85	36
Benzo(g,h,i)perylene	0.0800	ND	0.0408	0.0392	51.0	49.0	1	10.0-140			4.00	33
Benzo(k)fluoranthene	0.0800	ND	0.0422	0.0405	52.7	50.6	1	10.0-137			4.11	31
Chrysene	0.0800	ND	0.0423	0.0410	52.9	51.3	1	10.0-145			3.12	30
Dibenz(a,h)anthracene	0.0800	ND	0.0411	0.0402	51.4	50.3	1	10.0-132			2.21	31
Fluoranthene	0.0800	ND	0.0449	0.0433	56.1	54.1	1	10.0-153			3.63	33
Fluorene	0.0800	ND	0.0483	0.0482	60.4	60.3	1	11.0-130			0.207	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0413	0.0398	51.6	49.8	1	10.0-137			3.70	32
Naphthalene	0.0800	ND	0.0694	0.0502	86.8	62.8	1	10.0-135		R5	32.1	27
Phenanthrene	0.0800	ND	0.0413	0.0408	51.6	51.0	1	10.0-144			1.22	31
Pyrene	0.0800	ND	0.0417	0.0409	52.1	51.1	1	10.0-148			1.94	35
1-Methylnaphthalene	0.0800	ND	0.0521	0.0491	65.1	61.4	1	10.0-142			5.93	28
2-Methylnaphthalene	0.0800	ND	0.0624	0.0470	78.0	58.7	1	10.0-137		R5	28.2	28
2-Chloronaphthalene	0.0800	ND	0.0449	0.0460	56.1	57.5	1	29.0-120			2.42	24
(S) Nitrobenzene-d5					*95.7*	*96.3*		*14.0-149*				
(S) 2-Fluorobiphenyl					*63.7*	*63.4*		*34.0-125*				
(S) p-Terphenyl-d14					*64.5*	*59.7*		*23.0-120*				

Instrument: VOCMS4 • File ID: 0414_27

04/14/20 19:51

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0414_27	479581	176497	186742
Upper Limit		959162	352994	373484
Lower Limit		239791	88249	93371
L1208413-47 WG1460660 1x	0414_32	426440	149966	144448

Instrument: VOCMS4 • File ID: 0414_27-1

04/14/20 19:51

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0414_27-1	479581	176497	186742
Upper Limit		959162	352994	373484
Lower Limit		239791	88249	93371
LCS R3518746-1 WG1460660 1x	0414_27LCS	479581	176497	186742
LCSD R3518746-2 WG1460660 1x	0414_28	504174	188711	191237
BLANK R3518746-3 WG1460660 1x	0414_30	449981	156166	154203

Instrument: VOCMS39 • File ID: 0417_02

04/17/20 08:10

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0417_02	372434.80	166856	128508.10
Upper Limit		744870	333712	257016
Lower Limit		186217	83428	64254
LCS R3519651-1 WG1462013 1x	0417_02LCSA	372434.80	166856	128508.10
LCSD R3519651-2 WG1462013 1x	0417_03A	360492.60	157048.80	118622.30
BLANK R3519651-3 WG1462013 1x	0417_06A	339614.60	143370.30	97614.80
L1208413-18 WG1462013 1x	0417_07	361549.30	152439	131453.70

Instrument: VOCMS40 • File ID: 0415_30

04/15/20 18:02

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0415_30	959821.20	386222.60	349920.10
Upper Limit		1919642	772445	699840
Lower Limit		479911	193111	174960
LCS R3519320-1 WG1461274 1x	0415_30LCS	959821.20	386222.60	349920.10
LCSD R3519320-2 WG1461274 1x	0415_31	997284.40	402407.40	341718.10
BLANK R3519320-3 WG1461274 1x	0415_34	1027892	382870.80	307009.30
L1208413-27 WG1461274 1x	0415_36	1049287	409439.40	335378.40
L1208413-28 WG1461274 1.05x	0415_37	1057814	416492.50	334296.50
L1208413-29 WG1461274 1x	0415_38	1064921	411164.50	326851.40
L1208413-30 WG1461274 1x	0415_39	1064838	414212.90	343270.90
L1208413-31 WG1461274 1x	0415_40	1033378	394312.80	268096.50
L1208413-32 WG1461274 1x	0415_41	1060172	412292.10	342604.20
L1208413-33 WG1461274 1x	0415_42	1008886	391766.40	297282.50
L1208413-34 WG1461274 1x	0415_43	1081086	423063.30	366420.80
L1208413-35 WG1461274 1x	0415_44	1014552	385160.80	301306.50
L1208413-36 WG1461274 1x	0415_45	1075404	416838.20	320720.90
L1208413-37 WG1461274 1.06x	0415_46	1045450	406337.10	324103.10
L1208413-38 WG1461274 1x	0415_47	1048546	419575	340357.10
L1208413-39 WG1461274 1x	0415_48	1031067	395669.80	340725.50
L1208413-40 WG1461274 1x	0415_49	1159749	450322.50	350339.80
L1208413-41 WG1461274 1x	0415_50	1207333	459477.40	392738.10
L1208413-42 WG1461274 1x	0415_51	1206630	469746.50	380555.60
L1208413-43 WG1461274 1x	0415_52	1208294	461773.30	363925.60

Instrument: VOCMS40 • File ID: 0415_30

04/15/20 18:02

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
L1208413-44 WG1461274 1x	0415_53	1164290	457036.80	344549.30
L1208413-45 WG1461274 1x	0415_54	1178598	462072.50	391806.90
L1208413-46 WG1461274 1x	0415_55	1195416	462193	380546.40

Instrument: VOCMS53 • File ID: 0415_02

04/15/20 08:51

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0415_02	1010568	436413	449229.50
Upper Limit		2021136	872826	898459
Lower Limit		505284	218207	224615
L1208413-01 WG1460993 1.04x	0415_23	1108598	442864.60	409226.90
L1208413-02 WG1460993 1x	0415_24	1123745	444235.50	419693.80
L1208413-03 WG1460993 1x	0415_25	1087322	433240.30	407986
L1208413-04 WG1460993 1x	0415_26	1092462	444220.80	407592.30
L1208413-05 WG1460993 1x	0415_27	1126909	441227.60	417812
L1208413-06 WG1460993 1x	0415_28	1112382	443701.50	417775.50
L1208413-07 WG1460993 1x	0415_29	1103650	438768.40	417534.60

Instrument: VOCMS53 • File ID: 0415_02-1

04/15/20 08:51

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0415_02-1	1010568	436413	449229.50
Upper Limit		2021136	872826	898459
Lower Limit		505284	218207	224615
LCS R3519010-1 WG1460993 1x	0415_02LCS	1010568	436413	449229.50
LCSD R3519010-2 WG1460993 1x	0415_03	971382.10	415645.60	436544
BLANK R3519010-3 WG1460993 1x	0415_06	1088554	436634.60	422827.10

Instrument: VOCMS56 • File ID: 0415_23

04/15/20 18:01

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0415_23	752475.10	335234.90	288290.20
Upper Limit		1504950	670470	576580
Lower Limit		376238	167617	144145
LCS R3519411-1 WG1461183 1x	0415_23LCS	752475.10	335234.90	288290.20
LCSD R3519411-2 WG1461183 1x	0415_24	726206.70	322969.30	290752.30
BLANK R3519411-3 WG1461183 1x	0415_27	725513.90	313582	274719.90
L1208413-08 WG1461183 1x	0415_29	753234.60	327868	291413.40
L1208413-09 WG1461183 1x	0415_30	760526.20	327008.80	290965.70
L1208413-10 WG1461183 1x	0415_31	738937.20	322043.70	286002.40
L1208413-11 WG1461183 1x	0415_32	761785.20	338214.10	295365.10
L1208413-12 WG1461183 1x	0415_33	740883.20	322584.10	288895.20
L1208413-13 WG1461183 1x	0415_34	772284.80	334071	297035.90
L1208413-14 WG1461183 1x	0415_35	760973.40	328623.90	295853
L1208413-15 WG1461183 1x	0415_36	762075.10	325801.10	289433.20
L1208413-16 WG1461183 1x	0415_37	758024.60	333301.50	298385.50
L1208413-17 WG1461183 1x	0415_38	784233.50	345805.50	305674.60
L1208413-19 WG1461183 1x	0415_40	501824.70	219971.20	186211.90
L1208413-20 WG1461183 1x	0415_41	662616.10	298071.90	261970.10
L1208413-21 WG1461183 1x	0415_42	657426.80	287895.90	259633.40
L1208413-22 WG1461183 1x	0415_43	586868.40	267526.60	221211.40
L1208413-23 WG1461183 1x	0415_44	681357.80	309509.90	266088.10
L1208413-24 WG1461183 1x	0415_45	662157.20	290073.30	240819.70
L1208413-25 WG1461183 1x	0415_46	673146	291432.80	246650.30
L1208413-26 WG1461183 1x	0415_47	675926.60	294882.30	249029.70

INTERNAL STANDARD SUMMARY

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3519664-1 WG1462068 1x	0417_06	660138700
LCS R3519664-2 WG1462068 1x	0417_07	734524300
LCSD R3519664-3 WG1462068 1x	0417_08	792093100
L1208413-47 WG1462068 1x	0417_16	717092400

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	24186393
Upper Limit		46325220
Lower Limit		15441740
BLANK R3519924-1 WG1462377 1x	0418_06	24000390
LCS R3519924-2 WG1462377 1x	0418_07	22873090
L1208413-14 WG1462377 1x	0418_08	24669480
MS R3519924-3 WG1462377 1x	0418_09	23250440
MSD R3519924-4 WG1462377 1x	0418_10	22799890
L1208413-15 WG1462377 1x	0418_11	22868130
L1208413-16 WG1462377 1x	0418_12	23193920
L1208413-17 WG1462377 1x	0418_13	23832840
L1208413-18 WG1462377 1x	0418_14	24137130
L1208413-19 WG1462377 1x	0418_15	24374080
L1208413-20 WG1462377 1x	0418_16	24490840
L1208413-22 WG1462377 1x	0418_18	22761790
L1208413-23 WG1462377 1x	0418_19	22684460
L1208413-24 WG1462377 1x	0418_20	22632600
L1208413-25 WG1462377 1x	0418_21	22988220
L1208413-26 WG1462377 1x	0418_22	23483060
L1208413-27 WG1462377 1x	0418_23	23936990
L1208413-28 WG1462377 1x	0418_24	23776900
L1208413-29 WG1462377 1x	0418_25	22765570
L1208413-30 WG1462377 1x	0418_26	22242230
L1208413-31 WG1462377 1x	0418_27	22840100
L1208413-32 WG1462377 1x	0418_28	22721410
L1208413-33 WG1462377 1x	0418_29	22815260
BLANK R3519925-1 WG1462541 1x	0418_33	21419360
LCS R3519925-2 WG1462541 1x	0418_34	21550390
L1208413-34 WG1462541 1x	0418_35	22367690
MS R3519925-3 WG1462541 1x	0418_36	22614550
MSD R3519925-4 WG1462541 1x	0418_37	23740510
L1208413-35 WG1462541 1x	0418_38	22888520
L1208413-36 WG1462541 1x	0418_39	23041490
L1208413-37 WG1462541 1x	0418_40	24801640
L1208413-38 WG1462541 1x	0418_41	22632100
L1208413-39 WG1462541 1x	0418_42	18987160
L1208413-40 WG1462541 1x	0418_43	20824630
L1208413-41 WG1462541 1x	0418_44	19718210

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
L1208413-42 WG1462541 1x	0418_45	20196340
L1208413-43 WG1462541 1x	0418_46	21774510
L1208413-44 WG1462541 1x	0418_47	23197950
L1208413-45 WG1462541 1x	0418_48	23860030
L1208413-46 WG1462541 1x	0418_49	25123390

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	24186393
Upper Limit		46325220
Lower Limit		15441740
BLANK R3519928-1 WG1461949 1x	0419_06	22247770
LCS R3519928-2 WG1461949 1x	0419_08	24702440
MS R3519928-3 WG1461949 1x	0419_14	24561920
MSD R3519928-4 WG1461949 1x	0419_15	24012000
L1208413-01 WG1461949 1x	0419_20	22533910
L1208413-02 WG1461949 1x	0419_21	21629770
L1208413-03 WG1461949 1x	0419_22	22976220
L1208413-04 WG1461949 1x	0419_23	22966520
L1208413-05 WG1461949 1x	0419_24	21955110
L1208413-06 WG1461949 1x	0419_25	23455080
L1208413-07 WG1461949 1x	0419_26	22815520
L1208413-08 WG1461949 1x	0419_27	23196770
L1208413-09 WG1461949 1x	0419_28	24113420
L1208413-10 WG1461949 1x	0419_29	25101390
L1208413-11 WG1461949 1x	0419_30	24792020
L1208413-21 WG1462377 1x	0419_34	30594600

INTERNAL STANDARD SUMMARY

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3519875-1 WG1462375 1x	0418_29	852438300
LCS R3519875-2 WG1462375 1x	0418_30	853177200
L1208413-12 WG1462375 1x	0418_31	875281300
L1208413-13 WG1462375 1x	0418_32	832609900
MS R3519875-3 WG1462375 1x	0418_44	814785300
MSD R3519875-4 WG1462375 1x	0418_45	877986200

INTERNAL STANDARD SUMMARY

Instrument: BNAMS13 • File ID: 0415_11

04/15/20 16:48

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0415_11	87143	43164	70139	60926	46442
Upper Limit		174286	86328	140278	121852	92884
Lower Limit		43572	21582	35070	30463	23221
BLANK R3519011-1 WG1461008 1x	0415_13	95646	47343	80119	69698	52455
LCS R3519011-2 WG1461008 1x	0415_17	97587	47657	79361	69413	52297
LCSD R3519011-3 WG1461008 1x	0415_18	98667	48646	80714	74076	56055
L1208413-47 WG1461008 1x	0415_26	97733	48039	78833	67459	50507

Instrument: BNAMS14 • File ID: 0418_03

04/18/20 03:56

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0418_03	165894	90396	140837	156099	167714
Upper Limit		331788	180792	281674	312198	335428
Lower Limit		82947	45198	70419	78050	83857
LCS R3519750-1 WG1462386 1x	0418_04	177949	96602	154301	167375	182200
BLANK R3519750-2 WG1462386 1x	0418_05	182267	100849	151616	170738	187399
MS R3519750-3 WG1462386 1x	0418_08	199939	113331	182923	169820	187138
MSD R3519750-4 WG1462386 1x	0418_09	181834	111485	172039	162484	177963
L1208413-13 WG1462386 1x	0418_12	177988	100195	150337	170336	179562
L1208413-14 WG1462386 1x	0418_13	179721	101400	151466	173049	184162
L1208413-15 WG1462386 1x	0418_14	175325	98220	144372	165786	179194
L1208413-16 WG1462386 1x	0418_15	172910	118175	160608	158682	178606
L1208413-17 WG1462386 1x	0418_16	178341	100684	150625	170831	182678
L1208413-19 WG1462386 1x	0418_17	180566	100744	148360	168779	181244
L1208413-20 WG1462386 1x	0418_18	181889	101037	148975	171946	182859
L1208413-21 WG1462386 1x	0418_19	180995	101522	150582	175035	185670
L1208413-22 WG1462386 1x	0418_20	185630	103172	152787	177372	188079
L1208413-23 WG1462386 1x	0418_21	182839	101553	148037	170562	181787
L1208413-24 WG1462386 1x	0418_22	179694	99942	148495	170034	182364
L1208413-25 WG1462386 1x	0418_23	178823	100185	145674	169174	182429
L1208413-26 WG1462386 1x	0418_24	172845	95907	139674	164158	173852
L1208413-27 WG1462386 1x	0418_25	179673	99511	146412	169093	180894
L1208413-28 WG1462386 1x	0418_26	182715	100773	146833	160673	174152
L1208413-18 WG1462386 10x	0418_27	174983	98641	143307	160523	170863

Instrument: BNAMS25 • File ID: 0417_03

04/17/20 01:59

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0417_03	97348	56949	112824	116891	107632
Upper Limit		194696	113898	225648	233782	215264
Lower Limit		48674	28475	56412	58446	53816
BLANK R3519509-1 WG1461951 1x	0417_04	102742	60357	117381	121070	112732
LCS R3519509-2 WG1461951 1x	0417_05	99578	57890	113426	116750	108963
L1208413-01 WG1461951 1x	0417_06	101878	60309	117593	120885	113790
L1208413-02 WG1461951 1x	0417_07	109338	64966	127643	130823	121363

Instrument: BNAMS25 • File ID: 0417_03

04/17/20 01:59

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
L1208413-03 WG1461951 1x	0417_08	108757	64533	124546	129951	119197
MS R3519509-3 WG1461951 1x	0417_09	102646	59893	117005	119145	109681
MSD R3519509-4 WG1461951 1x	0417_10	98566	57602	112623	114515	104432
L1208413-04 WG1461951 1x	0417_11	102150	60740	117862	119650	110736
L1208413-05 WG1461951 1x	0417_12	103852	61689	119003	120929	112237
L1208413-06 WG1461951 1x	0417_13	99359	58873	113467	115427	107219
L1208413-07 WG1461951 1x	0417_14	99589	59142	114938	116240	107305
L1208413-08 WG1461951 1x	0417_15	101134	60292	116161	117529	108511
L1208413-09 WG1461951 1x	0417_16	102025	60471	116454	117297	109319
L1208413-10 WG1461951 1x	0417_17	100249	59396	114056	112745	102930
L1208413-11 WG1461951 1x	0417_18	102822	61283	117618	117752	107620
L1208413-12 WG1461951 1x	0417_19	104096	62347	120460	119783	110606

Instrument: BNAMS25 • File ID: 0418A_03

04/18/20 06:47

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0418A_03	155036	90688	175548	173177	158756
Upper Limit		310072	181376	351096	346354	317512
Lower Limit		77518	45344	87774	86589	79378
BLANK R3519769-1 WG1462387 1x	0418A_04	184930	109734	211083	210093	194190
LCS R3519769-2 WG1462387 1x	0418A_05	186810	109179	213456	208951	194293
L1208413-29 WG1462387 1x	0418A_06	188905	113175	217418	215854	199405
L1208413-30 WG1462387 1x	0418A_07	184567	110399	209818	211204	195665
L1208413-31 WG1462387 1x	0418A_08	193616	115357	221140	222517	205328
L1208413-32 WG1462387 1x	0418A_09	189538	113054	217333	217839	202327
L1208413-33 WG1462387 1x	0418A_10	185016	110056	207844	210201	194106
L1208413-34 WG1462387 1x	0418A_11	184911	110515	211101	211997	195623
L1208413-35 WG1462387 1x	0418A_12	188811	113343	215856	218353	198975
L1208413-36 WG1462387 1x	0418A_13	194235	116436	223028	223318	204459
MS R3519769-3 WG1462387 1x	0418A_14	188720	111192	213604	212619	195069
MSD R3519769-4 WG1462387 1x	0418A_15	194543	114692	222418	219753	202532
L1208413-38 WG1462387 1x	0418A_16	196928	118537	224642	220056	205486
L1208413-39 WG1462387 1x	0418A_17	0	254043	319701	245177	254758
L1208413-40 WG1462387 1x	0418A_18	205870	133525	246409	228811	226993

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0418A_03

04/18/20 06:47

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
L1208413-41 WG1462387 1x	0418A_19	192175	137009	237370	220205	220750
L1208413-42 WG1462387 1x	0418A_20	181679	136323	230026	206231	207615
L1208413-43 WG1462387 1x	0418A_21	195779	117929	225195	225475	205885
L1208413-44 WG1462387 1x	0418A_22	191583	114633	219308	217491	198494
L1208413-45 WG1462387 1x	0418A_23	192325	115342	217850	218058	199165
L1208413-46 WG1462387 1x	0418A_24	191575	114972	218782	215892	199084
L1208413-37 WG1462387 1x	0418A_27	190149	113307	211009	207841	198496
L1208413-39 WG1462387 10x	0418A_28	179560	114675	221196	251298	226046

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S6	Surrogate recovery was below laboratory and method acceptance limits. Reextraction and/or reanalysis confirms low recovery caused by matrix effect.
S10	Surrogate recovery was above laboratory and method acceptance limits.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

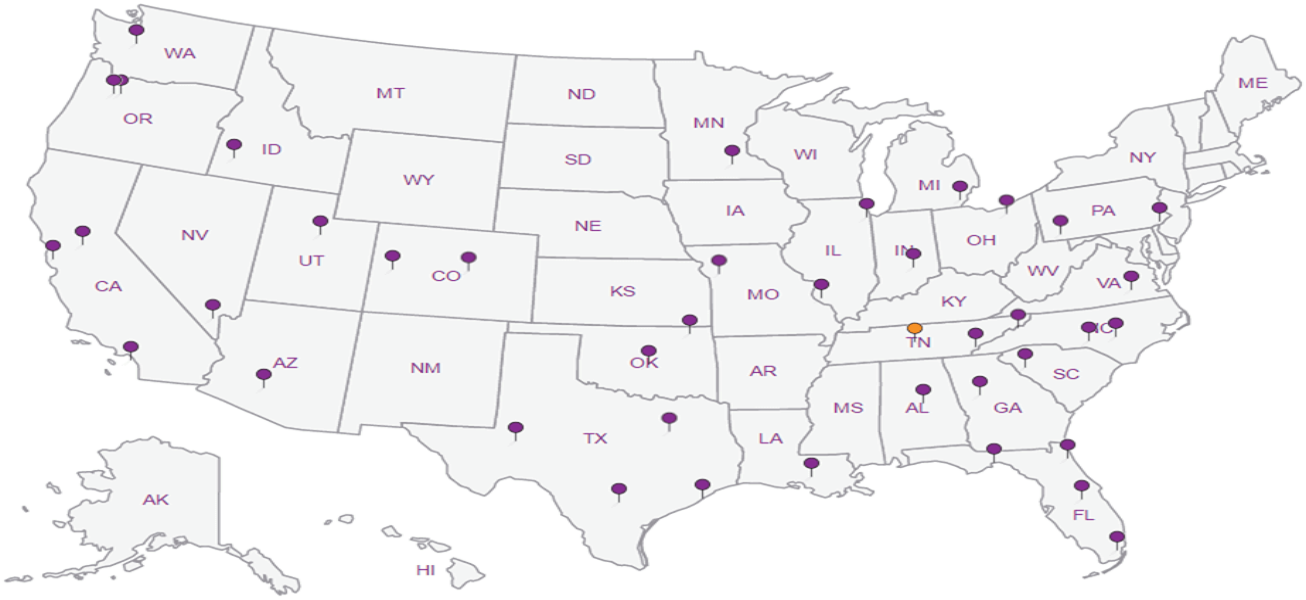
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 5

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

F013

Table # 1268413

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-14-S	Grab	SS	0	4/13/20	0840	2	X	X	X	X		01
SS-14-5			5		0915		X	X	X	X		02
SS-14-10			10		0920		X	X	X	X		03
SS-14-15			15		0925		X	X	X	X		04
SS-14-20			20		0930		X	X	X	X		05
SS-14-25			25		0935		X	X	X	X		06
SS-14-30			30		0940		X	X	X	X		07
SS-14-35			35		0945		X	X	X	X		08
SS-15-S			0		1005		X	X	X	X		09
SS-15-5			5		1015		X	X	X	X		10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1676 2753 8805 / 8816

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCl / MeOH TBR	If preservation required by Login: Date/Time
B. Li-Vidal	4/13/20	1730			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: Upr A6 °C 1.3-.2=1.1 Bottles Received: 99	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) L. Webster	Date: 4/13/20 Time: 08:45	Hold: Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 1 of 5

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# 1208413

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Date Results Needed

Quote # **00074879**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-15-10	Grab	SS	10	4/13/20	1020	2	X	X	X	X		11
SS-15-15	↓	↓	15	↓	1030	↓	X	X	X	X		12
SS-15-20	↓	↓	20	↓	1035	↓	X	X	X	X		13
SS-15-25	↓	↓	25	↓	1038	↓	X	X	X	X		14
SS-15-30	↓	↓	30	↓	1040	↓	X	X	X	X		15
SS-15-35	↓	↓	35	↓	1050	↓	X	X	X	X		16
SS-15-40	↓	↓	40	↓	1055	↓	X	X	X	X		17
SS-16-5	↓	↓	0	↓	1115	↓	X	X	X	X		18
SS-16-5	↓	↓	5	↓	1125	↓	X	X	X	X		19
SS-16-10	↓	↓	10	↓	1130	↓	X	X	X	X		20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1676 2753 8805/ 8816

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: X __N
Bottles arrive intact: X __N
Correct bottles used: X __N
Sufficient volume sent: X __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD [illegible] hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/13/20	1730		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3-2.1 °C Bottles Received: 99
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) L. Wekter	Date: 4/13/20 Time: 08:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 5

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# 1708413

Table #

Collected by (print): B Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082						Remarks	Sample # (lab only)
SS-16-10-DUP	Grab	SS	10	4/13/20	1130	2	X	X	X	X							21
SS-16-15			15		1140		X	X	X	X							22
SS-16-20			20		1145		X	X	X	X						Low Recovery	23
SS-16-25			25		1147		X	X	X	X						Low Recovery	24
SS-16-30			30		1150		X	X	X	X							25
SS-16-35			35		1200		X	X	X	X							26
SS-16-40			40		1210		X	X	X	X							27
SS-17-5			0		1300		X	X	X	X							28
SS-17-5			5		1315		X	X	X	X							29
SS-17-10			10		1320		X	X	X	X							30

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1676 2753 8816 / 8805

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
[illegible] mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	
B Li-Vidal	4/13/20	1730			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3-2=1.1 °C	Bottles Received: 99
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) L. Wehter	Date: 4/13/20	Time: 08:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 4 of 5

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# 120 8/13

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-17-15	Grab	SS	15	4/13/20	1325	2	X	X	X	X		31
SS-17-20	↓	↓	20	↓	1330	↓	X	X	X	X		32
SS-17-25	↓	↓	25	↓	1335	↓	X	X	X	X		33
SS-17-30	↓	↓	30	↓	1340	↓	X	X	X	X		34
SS-17-35	↓	↓	35	↓	1350	↓	X	X	X	X		35
SS-17-40	↓	↓	40	↓	1355	↓	X	X	X	X		36
SS-18-5	↓	↓	0	↓	1420	↓	X	X	X	X		37
SS-18-5	↓	↓	5	↓	1425	↓	X	X	X	X		38
SS-18-10	↓	↓	10	↓	1435	↓	X	X	X	X		39
SS-18-15	↓	↓	15	↓	1440	↓	X	X	X	X		40

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1676 2753 8805 / 8816

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
B. Li-Vidal	4/13/20	1730			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3-2=1.1 °C Bottles Received: 99	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) L. Wilson	Date: 4/13/20 Time: 08:45	Hold: Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 5 of 5

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

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Client Project # **63207052**

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Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# 1208413

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	VOC 8260B / 40mL amb/HCL	PAH 8270SIM / 40ml AMB/NO Pres	RCRA 8 Metals/250 ml HDPE/HNO3	PCB/100 mL AMB/No Pres			Remarks	Sample # (lab only)
SS-18-20	Grab	SS	20	4/13/20	1445	2	X	X	X	X								41
SS-18-20-DUP	↓	↓	20	↓	1445	↓	X	X	X	X								42
SS-18-25			25		1455		X	X	X	X								43
SS-18-30			30		1500		X	X	X	X								44
SS-18-35			35		1505		X	X	X	X								45
SS-18-40			40		1515		X	X	X	X								46
EB-6	Grab	WW	—	4/13/20	1525	7					X	X	X	X				47

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1676 2753 8805 / 8816

Sample Receipt Checklist
COC Seal Present/Intact: NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/h

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/13/20	1730		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.3-.2=1.1 °C Bottles Received: 99
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature) L. Webster	Date: 4/13/20 Time: 08:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

April 23, 2020

Terracon - Tucson, AZ

Sample Delivery Group:	L1209083
Samples Received:	04/15/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By: Daphne R Richards

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

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SS-19-S L1209083-01 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:10 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 16:47	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 18:35	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1.12	04/14/20 08:10	04/17/20 10:52	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/21/20 23:36	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 09:53	DMG	Mt. Juliet, TN

SS-19-5 L1209083-02 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:20 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 16:54	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 18:48	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 08:20	04/17/20 11:11	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/21/20 23:50	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 10:55	DMG	Mt. Juliet, TN

SS-19-10 L1209083-03 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:25 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 16:57	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 18:50	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 08:25	04/17/20 11:30	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 00:04	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 11:16	DMG	Mt. Juliet, TN

SS-19-15 L1209083-04 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:28 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 16:59	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 18:53	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1.06	04/14/20 08:28	04/17/20 11:49	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 00:18	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 11:37	DMG	Mt. Juliet, TN

SS-19-20 L1209083-05 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:34 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:01	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:01	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 08:34	04/17/20 12:08	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 00:32	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 11:57	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-19-25 L1209083-06 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:40 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:04	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:03	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1.01	04/14/20 08:40	04/17/20 12:27	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 00:47	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 12:18	DMG	Mt. Juliet, TN

SS-19-30 L1209083-07 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:45 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:11	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:06	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 08:45	04/17/20 12:45	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 01:01	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 12:39	DMG	Mt. Juliet, TN

SS-19-35 L1209083-08 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 08:50 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:13	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:09	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 08:50	04/17/20 13:04	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 01:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 12:59	DMG	Mt. Juliet, TN

SS-19-40 L1209083-09 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 09:00 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:16	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:11	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 09:00	04/17/20 13:23	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 01:29	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 13:20	DMG	Mt. Juliet, TN

SS-20-S L1209083-10 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 09:30 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:18	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:14	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 09:30	04/17/20 13:42	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 01:43	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 17:08	DMG	Mt. Juliet, TN

SS-20-5 L1209083-11 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 09:40 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:20	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:17	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 09:40	04/17/20 14:01	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 01:57	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 13:41	DMG	Mt. Juliet, TN

SS-20-10 L1209083-12 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 09:45 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:23	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:19	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 09:45	04/17/20 14:20	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 02:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 14:02	DMG	Mt. Juliet, TN

SS-20-15 L1209083-13 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 09:50 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:25	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:22	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 09:50	04/17/20 14:39	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462794	1	04/21/20 15:47	04/22/20 02:25	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 14:22	DMG	Mt. Juliet, TN

SS-20-20 L1209083-14 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 09:53 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:27	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:25	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 09:53	04/17/20 14:58	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 13:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 14:43	DMG	Mt. Juliet, TN

SS-20-30 L1209083-15 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:00 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:30	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:33	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 10:00	04/17/20 15:17	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 13:28	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 15:04	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-20-35 L1209083-16 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:10 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:32	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:35	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 10:10	04/17/20 15:36	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 12:38	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 15:24	DMG	Mt. Juliet, TN

SS-20-40 L1209083-17 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:20 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:39	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:38	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 10:20	04/17/20 15:54	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 20:21	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 15:45	DMG	Mt. Juliet, TN

SS-20-40-DUP L1209083-18 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:20 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:42	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 00:31	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 10:20	04/17/20 16:13	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 20:33	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 16:06	DMG	Mt. Juliet, TN

SS-21-S L1209083-19 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:40 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:44	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:41	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 10:40	04/17/20 16:32	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 20:46	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 16:27	DMG	Mt. Juliet, TN

SS-21-5 L1209083-20 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:50 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463119	1	04/19/20 20:47	04/20/20 17:46	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:44	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462215	1	04/14/20 10:50	04/17/20 16:51	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 20:58	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462802	1	04/18/20 16:24	04/19/20 16:47	DMG	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-21-10 L1209083-21 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 10:55 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:00	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462646	1	04/19/20 06:50	04/20/20 19:46	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 10:55	04/17/20 10:54	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 21:11	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 16:49	LEA	Mt. Juliet, TN

SS-21-15 L1209083-22 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:00 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:08	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 00:44	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1.02	04/14/20 11:00	04/17/20 11:51	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 21:23	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 12:21	LEA	Mt. Juliet, TN

SS-21-20 L1209083-23 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:05 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:10	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 00:47	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 11:05	04/17/20 12:10	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 21:36	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 12:42	LEA	Mt. Juliet, TN

SS-21-25 L1209083-24 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:10 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:12	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 00:50	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1.01	04/14/20 11:10	04/17/20 12:40	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 21:48	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 13:02	LEA	Mt. Juliet, TN

SS-21-30 L1209083-25 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:15 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:15	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 00:58	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 11:15	04/17/20 12:59	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 22:01	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1.01	04/19/20 23:55	04/20/20 13:23	LEA	Mt. Juliet, TN

SS-21-40 L1209083-26 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:25 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:17	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:01	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 11:25	04/17/20 13:18	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 22:13	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 13:44	LEA	Mt. Juliet, TN

SS-22-S L1209083-27 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:50 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:19	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:04	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 11:50	04/17/20 13:37	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 22:26	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 17:51	SHG	Mt. Juliet, TN

SS-22-5 L1209083-28 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 11:55 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:22	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:07	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 11:55	04/17/20 13:56	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 22:38	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 14:04	LEA	Mt. Juliet, TN

SS-22-10 L1209083-29 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:00 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:24	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:10	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 12:00	04/17/20 14:15	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 22:50	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 14:25	LEA	Mt. Juliet, TN

SS-22-15 L1209083-30 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:05 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:26	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:12	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 12:05	04/17/20 14:34	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 23:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 14:46	LEA	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-22-20 L1209083-31 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:10 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:29	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:15	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 12:10	04/17/20 14:53	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 23:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 15:06	LEA	Mt. Juliet, TN

SS-22-25 L1209083-32 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:15 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	.6818182	04/19/20 20:48	04/20/20 18:36	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:18	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 12:15	04/17/20 15:12	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 23:28	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 15:27	LEA	Mt. Juliet, TN

SS-22-35 L1209083-33 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:25 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:38	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:21	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 12:25	04/17/20 15:31	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462795	1	04/21/20 05:02	04/21/20 23:40	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1.02	04/19/20 23:55	04/20/20 15:48	LEA	Mt. Juliet, TN

SS-22-35-DUP L1209083-34 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:25 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:41	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:24	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1464100	1	04/14/20 12:25	04/21/20 19:58	JHH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 15:51	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 16:08	LEA	Mt. Juliet, TN

SS-22-40 L1209083-35 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 12:35 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:43	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 17:28	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 12:35	04/17/20 16:09	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 16:03	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1	04/19/20 23:55	04/20/20 16:29	LEA	Mt. Juliet, TN

SS-23-S L1209083-36 Solid

Collected by: B. Li-Videl
Collected date/time: 04/14/20 13:25
Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:45	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:32	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 13:25	04/17/20 16:28	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 16:15	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463142	1.02	04/19/20 23:55	04/20/20 18:12	SHG	Mt. Juliet, TN

SS-23-5 L1209083-37 Solid

Collected by: B. Li-Videl
Collected date/time: 04/14/20 13:35
Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 17:53	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:35	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 13:35	04/17/20 16:48	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 16:28	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:08	04/20/20 17:50	LEA	Mt. Juliet, TN

SS-23-10 L1209083-38 Solid

Collected by: B. Li-Videl
Collected date/time: 04/14/20 13:40
Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:48	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:38	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 13:40	04/17/20 17:07	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 15:13	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:44	04/20/20 18:11	LEA	Mt. Juliet, TN

SS-23-15 L1209083-39 Solid

Collected by: B. Li-Videl
Collected date/time: 04/14/20 13:45
Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:50	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:40	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 13:45	04/17/20 17:26	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 16:40	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:08	04/20/20 18:31	LEA	Mt. Juliet, TN

SS-23-20 L1209083-40 Solid

Collected by: B. Li-Videl
Collected date/time: 04/14/20 13:50
Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463118	1	04/19/20 20:48	04/20/20 18:52	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:43	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462235	1	04/14/20 13:50	04/17/20 17:45	DWR	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 16:53	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:18	04/20/20 18:52	LEA	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-23-35 L1209083-41 Solid

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 14:00	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:11	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462650	1	04/19/20 13:46	04/20/20 01:46	CCE	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:00	04/17/20 11:09	ADM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 17:05	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:08	04/20/20 19:13	LEA	Mt. Juliet, TN

SS-23-40 L1209083-42 Solid

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 14:05	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:14	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 17:42	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:05	04/17/20 11:30	ADM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 17:18	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463450	1.01	04/20/20 16:33	04/21/20 00:02	AAT	Mt. Juliet, TN

SS-24-S L1209083-43 Solid

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 14:25	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:16	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 17:45	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:25	04/17/20 11:51	ADM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 17:30	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:08	04/20/20 20:15	LEA	Mt. Juliet, TN

SS-24-5 L1209083-44 Solid

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 14:30	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:18	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 17:48	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:30	04/17/20 12:11	ADM	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 17:43	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:18	04/20/20 20:36	LEA	Mt. Juliet, TN

SS-24-10 L1209083-45 Solid

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 14:40	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:21	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 17:57	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:40	04/17/20 16:13	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 17:55	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:08	04/20/20 20:57	LEA	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

SS-24-15 L1209083-46 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 14:45 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:23	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 18:00	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:45	04/17/20 16:34	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 18:08	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:18	04/20/20 21:17	LEA	Mt. Juliet, TN

SS-24-15-DUP L1209083-47 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 14:45 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:26	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 18:03	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:45	04/17/20 16:54	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 18:20	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:08	04/20/20 21:38	LEA	Mt. Juliet, TN

SS-24-20 L1209083-48 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 14:50 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	.8108108	04/20/20 11:29	04/20/20 19:33	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 18:05	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:50	04/17/20 17:14	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 18:32	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:18	04/20/20 21:59	LEA	Mt. Juliet, TN

SS-24-25 L1209083-49 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 14:55 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:35	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 18:08	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 14:55	04/17/20 17:35	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 18:45	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463281	1	04/20/20 11:18	04/20/20 22:19	LEA	Mt. Juliet, TN

SS-24-35 L1209083-50 Solid

Collected by: B. Li-Videl | Collected date/time: 04/14/20 15:05 | Received date/time: 04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:37	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 18:11	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 15:05	04/17/20 17:55	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 18:57	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463856	1	04/21/20 11:10	04/21/20 17:25	LEA	Mt. Juliet, TN

SS-24-40 L1209083-51 Solid

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 15:10	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7471B	WG1463138	1	04/20/20 11:29	04/20/20 19:40	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1462656	1	04/20/20 01:34	04/20/20 18:14	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1462237	1	04/14/20 15:10	04/17/20 18:15	BMB	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1463015	1	04/19/20 19:52	04/20/20 19:10	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1463856	1	04/21/20 11:10	04/21/20 17:45	LEA	Mt. Juliet, TN

EB-7 L1209083-52 GW

Collected by	Collected date/time	Received date/time
B. Li-Videl	04/14/20 15:25	04/15/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Mercury by Method 7470A	WG1461278	1	04/16/20 07:26	04/16/20 10:49	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1461353	1	04/16/20 13:41	04/17/20 12:20	TRB	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1461987	1	04/16/20 21:20	04/16/20 21:20	JAH	Mt. Juliet, TN
Polychlorinated Biphenyls (GC) by Method 8082 A	WG1462068	1	04/17/20 11:10	04/17/20 20:27	MTJ	Mt. Juliet, TN
Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM	WG1462021	1	04/16/20 23:50	04/17/20 06:30	AAT	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne R Richards

Daphne Richards
Project Manager

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.101		0.0400	1	04/20/2020 16:47	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.85		2.00	1	04/20/2020 18:35	WG1462646
Barium	197		0.500	1	04/20/2020 18:35	WG1462646
Cadmium	ND		0.500	1	04/20/2020 18:35	WG1462646
Chromium	18.3		1.00	1	04/20/2020 18:35	WG1462646
Lead	92.9	M1 R5	0.500	1	04/20/2020 18:35	WG1462646
Selenium	ND		2.00	1	04/20/2020 18:35	WG1462646
Silver	ND		1.00	1	04/20/2020 18:35	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.40	1.12	04/17/2020 10:52	WG1462215
Acrylonitrile	ND		0.350	1.12	04/17/2020 10:52	WG1462215
Benzene	ND		0.0280	1.12	04/17/2020 10:52	WG1462215
Bromobenzene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
Bromodichloromethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Bromoform	ND		0.700	1.12	04/17/2020 10:52	WG1462215
Bromomethane	ND		0.350	1.12	04/17/2020 10:52	WG1462215
1,3-Butadiene	ND		0.700	1.12	04/17/2020 10:52	WG1462215
n-Butylbenzene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
sec-Butylbenzene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
tert-Butylbenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Carbon disulfide	ND		0.350	1.12	04/17/2020 10:52	WG1462215
Carbon tetrachloride	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Chlorobenzene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Chlorodibromomethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Chloroethane	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Chloroform	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Chloromethane	ND		0.350	1.12	04/17/2020 10:52	WG1462215
2-Chlorotoluene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
4-Chlorotoluene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Cyclohexane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.700	1.12	04/17/2020 10:52	WG1462215
1,2-Dibromoethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Dibromomethane	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,2-Dichlorobenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,3-Dichlorobenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,4-Dichlorobenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Dichlorodifluoromethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,1-Dichloroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,2-Dichloroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,1-Dichloroethene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
cis-1,2-Dichloroethene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
trans-1,2-Dichloroethene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,2-Dichloropropane	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,1-Dichloropropene	ND	L2	0.0700	1.12	04/17/2020 10:52	WG1462215
1,3-Dichloropropane	ND		0.140	1.12	04/17/2020 10:52	WG1462215
cis-1,3-Dichloropropene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
trans-1,3-Dichloropropene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
2,2-Dichloropropane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
Di-isopropyl ether	ND		0.0280	1.12	04/17/2020 10:52	WG1462215
Ethylbenzene	0.136		0.0700	1.12	04/17/2020 10:52	WG1462215
4-Ethyltoluene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Hexachloro-1,3-butadiene	ND		0.700	1.12	04/17/2020 10:52	WG1462215
n-Hexane	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Isopropylbenzene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
p-Isopropyltoluene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
2-Butanone (MEK)	ND		2.80	1.12	04/17/2020 10:52	WG1462215
Methylene Chloride	ND		0.700	1.12	04/17/2020 10:52	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.700	1.12	04/17/2020 10:52	WG1462215
Methyl tert-butyl ether	ND		0.0280	1.12	04/17/2020 10:52	WG1462215
Methyl Cyclohexane	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Naphthalene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
Propene	ND	L1	1.40	1.12	04/17/2020 10:52	WG1462215
n-Propylbenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Styrene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Tetrachloroethene	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Toluene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,2,3-Trichlorobenzene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
1,2,4-Trichlorobenzene	ND		0.350	1.12	04/17/2020 10:52	WG1462215
1,1,1-Trichloroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,1,2-Trichloroethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Trichloroethene	ND	L2	0.0280	1.12	04/17/2020 10:52	WG1462215
Trichlorofluoromethane	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
1,2,3-Trichloropropane	ND		0.350	1.12	04/17/2020 10:52	WG1462215
1,2,4-Trimethylbenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,2,3-Trimethylbenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
1,3,5-Trimethylbenzene	ND		0.140	1.12	04/17/2020 10:52	WG1462215
Vinyl chloride	ND		0.0700	1.12	04/17/2020 10:52	WG1462215
Xylenes, Total	0.618		0.182	1.12	04/17/2020 10:52	WG1462215
(S) Toluene-d8	*112*		*75.0-131*		*04/17/2020 10:52*	WG1462215
(S) 4-Bromofluorobenzene	*90.9*		*67.0-138*		*04/17/2020 10:52*	WG1462215
(S) 1,2-Dichloroethane-d4	*94.6*		*70.0-130*		*04/17/2020 10:52*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 23:36	WG1462794
PCB 1221	ND		0.0340	1	04/21/2020 23:36	WG1462794
PCB 1232	ND		0.0340	1	04/21/2020 23:36	WG1462794
PCB 1242	ND		0.0340	1	04/21/2020 23:36	WG1462794
PCB 1248	ND		0.0170	1	04/21/2020 23:36	WG1462794
PCB 1254	ND		0.0170	1	04/21/2020 23:36	WG1462794
PCB 1260	ND		0.0170	1	04/21/2020 23:36	WG1462794
(S) Decachlorobiphenyl	*64.5*		*10.0-135*		*04/21/2020 23:36*	WG1462794
(S) Tetrachloro-m-xylene	*70.1*		*10.0-139*		*04/21/2020 23:36*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 09:53	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 09:53	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 09:53	WG1462802
Benzo(a)anthracene	0.0379		0.00600	1	04/19/2020 09:53	WG1462802
Benzo(a)pyrene	0.0576		0.00600	1	04/19/2020 09:53	WG1462802
Benzo(b)fluoranthene	0.0871	M2	0.00600	1	04/19/2020 09:53	WG1462802
Benzo(g,h,i)perylene	0.0587		0.00600	1	04/19/2020 09:53	WG1462802
Benzo(k)fluoranthene	0.0373		0.00600	1	04/19/2020 09:53	WG1462802
Chrysene	0.0520		0.00600	1	04/19/2020 09:53	WG1462802
Dibenz(a,h)anthracene	0.0119		0.00600	1	04/19/2020 09:53	WG1462802
Fluoranthene	0.0982	M2	0.00600	1	04/19/2020 09:53	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 09:53	WG1462802
Indeno(1,2,3-cd)pyrene	0.0471		0.00600	1	04/19/2020 09:53	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 09:53	WG1462802
Phenanthrene	0.0211		0.00600	1	04/19/2020 09:53	WG1462802
Pyrene	0.0855	M2	0.00600	1	04/19/2020 09:53	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 09:53	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 09:53	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 09:53	WG1462802
(S) p-Terphenyl-d14	*65.3*		*23.0-120*		*04/19/2020 09:53*	WG1462802
(S) Nitrobenzene-d5	*59.8*		*14.0-149*		*04/19/2020 09:53*	WG1462802
(S) 2-Fluorobiphenyl	*58.3*		*34.0-125*		*04/19/2020 09:53*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 16:54	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.87		2.00	1	04/20/2020 18:48	WG1462646
Barium	181		0.500	1	04/20/2020 18:48	WG1462646
Cadmium	ND		0.500	1	04/20/2020 18:48	WG1462646
Chromium	11.2		1.00	1	04/20/2020 18:48	WG1462646
Lead	17.1		0.500	1	04/20/2020 18:48	WG1462646
Selenium	ND		2.00	1	04/20/2020 18:48	WG1462646
Silver	ND		1.00	1	04/20/2020 18:48	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 11:11	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 11:11	WG1462215
Benzene	ND		0.0250	1	04/17/2020 11:11	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 11:11	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
Bromoform	ND		0.625	1	04/17/2020 11:11	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 11:11	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 11:11	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 11:11	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 11:11	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 11:11	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 11:11	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 11:11	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 11:11	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 11:11	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 11:11	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 11:11	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 11:11	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 11:11	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 11:11	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 11:11	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 11:11	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 11:11	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 11:11	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 11:11	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 11:11	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 11:11	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 11:11	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 11:11	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 11:11	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 11:11	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 11:11	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 11:11	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 11:11	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 11:11	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 11:11	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 11:11	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 11:11	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 11:11	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 11:11	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 11:11	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 11:11	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 11:11	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 11:11	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
Styrene	ND		0.313	1	04/17/2020 11:11	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 11:11	WG1462215
Toluene	ND		0.125	1	04/17/2020 11:11	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 11:11	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 11:11	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 11:11	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 11:11	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 11:11	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 11:11	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 11:11	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 11:11	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 11:11*	WG1462215
(S) 4-Bromofluorobenzene	*87.1*		*67.0-138*		*04/17/2020 11:11*	WG1462215
(S) 1,2-Dichloroethane-d4	*88.1*		*70.0-130*		*04/17/2020 11:11*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 23:50	WG1462794
PCB 1221	ND		0.0340	1	04/21/2020 23:50	WG1462794
PCB 1232	ND		0.0340	1	04/21/2020 23:50	WG1462794
PCB 1242	ND		0.0340	1	04/21/2020 23:50	WG1462794
PCB 1248	ND		0.0170	1	04/21/2020 23:50	WG1462794
PCB 1254	ND		0.0170	1	04/21/2020 23:50	WG1462794
PCB 1260	ND		0.0170	1	04/21/2020 23:50	WG1462794
(S) Decachlorobiphenyl	*74.1*		*10.0-135*		*04/21/2020 23:50*	WG1462794
(S) Tetrachloro-m-xylene	*77.6*		*10.0-139*		*04/21/2020 23:50*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 10:55	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 10:55	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 10:55	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 10:55	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 10:55	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 10:55	WG1462802
(S) p-Terphenyl-d14	*70.0*		*23.0-120*		*04/19/2020 10:55*	WG1462802
(S) Nitrobenzene-d5	*63.9*		*14.0-149*		*04/19/2020 10:55*	WG1462802
(S) 2-Fluorobiphenyl	*61.2*		*34.0-125*		*04/19/2020 10:55*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 16:57	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.42		2.00	1	04/20/2020 18:50	WG1462646
Barium	105		0.500	1	04/20/2020 18:50	WG1462646
Cadmium	ND		0.500	1	04/20/2020 18:50	WG1462646
Chromium	11.1		1.00	1	04/20/2020 18:50	WG1462646
Lead	17.0		0.500	1	04/20/2020 18:50	WG1462646
Selenium	ND		2.00	1	04/20/2020 18:50	WG1462646
Silver	ND		1.00	1	04/20/2020 18:50	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 11:30	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 11:30	WG1462215
Benzene	ND		0.0250	1	04/17/2020 11:30	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 11:30	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
Bromoform	ND		0.625	1	04/17/2020 11:30	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 11:30	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 11:30	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 11:30	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 11:30	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 11:30	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 11:30	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 11:30	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 11:30	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 11:30	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 11:30	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 11:30	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 11:30	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 11:30	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 11:30	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 11:30	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 11:30	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 11:30	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 11:30	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 11:30	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 11:30	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 11:30	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 11:30	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 11:30	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 11:30	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 11:30	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 11:30	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 11:30	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 11:30	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 11:30	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 11:30	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 11:30	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 11:30	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 11:30	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 11:30	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 11:30	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 11:30	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 11:30	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 11:30	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
Styrene	ND		0.313	1	04/17/2020 11:30	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 11:30	WG1462215
Toluene	ND		0.125	1	04/17/2020 11:30	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 11:30	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 11:30	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 11:30	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 11:30	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 11:30	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 11:30	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 11:30	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 11:30*	WG1462215
(S) 4-Bromofluorobenzene	*87.9*		*67.0-138*		*04/17/2020 11:30*	WG1462215
(S) 1,2-Dichloroethane-d4	*87.1*		*70.0-130*		*04/17/2020 11:30*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 00:04	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 00:04	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 00:04	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 00:04	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 00:04	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 00:04	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 00:04	WG1462794
(S) Decachlorobiphenyl	*81.4*		*10.0-135*		*04/22/2020 00:04*	WG1462794
(S) Tetrachloro-m-xylene	*82.7*		*10.0-139*		*04/22/2020 00:04*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 11:16	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 11:16	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 11:16	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 11:16	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 11:16	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 11:16	WG1462802
(S) p-Terphenyl-d14	*58.7*		*23.0-120*		*04/19/2020 11:16*	WG1462802
(S) Nitrobenzene-d5	*53.0*		*14.0-149*		*04/19/2020 11:16*	WG1462802
(S) 2-Fluorobiphenyl	*51.0*		*34.0-125*		*04/19/2020 11:16*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 16:59	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.38		2.00	1	04/20/2020 18:53	WG1462646
Barium	62.5		0.500	1	04/20/2020 18:53	WG1462646
Cadmium	ND		0.500	1	04/20/2020 18:53	WG1462646
Chromium	9.73		1.00	1	04/20/2020 18:53	WG1462646
Lead	10.1		0.500	1	04/20/2020 18:53	WG1462646
Selenium	ND		2.00	1	04/20/2020 18:53	WG1462646
Silver	ND		1.00	1	04/20/2020 18:53	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.33	1.06	04/17/2020 11:49	WG1462215
Acrylonitrile	ND		0.331	1.06	04/17/2020 11:49	WG1462215
Benzene	ND		0.0265	1.06	04/17/2020 11:49	WG1462215
Bromobenzene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
Bromodichloromethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Bromoform	ND		0.663	1.06	04/17/2020 11:49	WG1462215
Bromomethane	ND		0.331	1.06	04/17/2020 11:49	WG1462215
1,3-Butadiene	ND		0.663	1.06	04/17/2020 11:49	WG1462215
n-Butylbenzene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
sec-Butylbenzene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
tert-Butylbenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Carbon disulfide	ND		0.331	1.06	04/17/2020 11:49	WG1462215
Carbon tetrachloride	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Chlorobenzene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Chlorodibromomethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Chloroethane	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Chloroform	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Chloromethane	ND		0.331	1.06	04/17/2020 11:49	WG1462215
2-Chlorotoluene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
4-Chlorotoluene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Cyclohexane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.663	1.06	04/17/2020 11:49	WG1462215
1,2-Dibromoethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Dibromomethane	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,2-Dichlorobenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,3-Dichlorobenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,4-Dichlorobenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Dichlorodifluoromethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,1-Dichloroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,2-Dichloroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,1-Dichloroethene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
cis-1,2-Dichloroethene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
trans-1,2-Dichloroethene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,2-Dichloropropane	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,1-Dichloropropene	ND	L2	0.0663	1.06	04/17/2020 11:49	WG1462215
1,3-Dichloropropane	ND		0.133	1.06	04/17/2020 11:49	WG1462215
cis-1,3-Dichloropropene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
trans-1,3-Dichloropropene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
2,2-Dichloropropane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
Di-isopropyl ether	ND		0.0265	1.06	04/17/2020 11:49	WG1462215
Ethylbenzene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
4-Ethyltoluene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Hexachloro-1,3-butadiene	ND		0.663	1.06	04/17/2020 11:49	WG1462215
n-Hexane	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Isopropylbenzene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
p-Isopropyltoluene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
2-Butanone (MEK)	ND		2.65	1.06	04/17/2020 11:49	WG1462215
Methylene Chloride	ND		0.663	1.06	04/17/2020 11:49	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.663	1.06	04/17/2020 11:49	WG1462215
Methyl tert-butyl ether	ND		0.0265	1.06	04/17/2020 11:49	WG1462215
Methyl Cyclohexane	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Naphthalene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
Propene	ND	L1	1.33	1.06	04/17/2020 11:49	WG1462215
n-Propylbenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Styrene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Tetrachloroethene	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Toluene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,2,3-Trichlorobenzene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
1,2,4-Trichlorobenzene	ND		0.331	1.06	04/17/2020 11:49	WG1462215
1,1,1-Trichloroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,1,2-Trichloroethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Trichloroethene	ND	L2	0.0265	1.06	04/17/2020 11:49	WG1462215
Trichlorofluoromethane	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
1,2,3-Trichloropropane	ND		0.331	1.06	04/17/2020 11:49	WG1462215
1,2,4-Trimethylbenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,2,3-Trimethylbenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
1,3,5-Trimethylbenzene	ND		0.133	1.06	04/17/2020 11:49	WG1462215
Vinyl chloride	ND		0.0663	1.06	04/17/2020 11:49	WG1462215
Xylenes, Total	ND		0.172	1.06	04/17/2020 11:49	WG1462215
(S) Toluene-d8	*114*		*75.0-131*		*04/17/2020 11:49*	WG1462215
(S) 4-Bromofluorobenzene	*89.1*		*67.0-138*		*04/17/2020 11:49*	WG1462215
(S) 1,2-Dichloroethane-d4	*83.5*		*70.0-130*		*04/17/2020 11:49*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 00:18	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 00:18	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 00:18	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 00:18	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 00:18	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 00:18	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 00:18	WG1462794
(S) Decachlorobiphenyl	*81.4*		*10.0-135*		*04/22/2020 00:18*	WG1462794
(S) Tetrachloro-m-xylene	*82.0*		*10.0-139*		*04/22/2020 00:18*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 11:37	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 11:37	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 11:37	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 11:37	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 11:37	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 11:37	WG1462802
(S) p-Terphenyl-d14	*72.6*		*23.0-120*		*04/19/2020 11:37*	WG1462802
(S) Nitrobenzene-d5	*62.8*		*14.0-149*		*04/19/2020 11:37*	WG1462802
(S) 2-Fluorobiphenyl	*62.2*		*34.0-125*		*04/19/2020 11:37*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:01	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.49		2.00	1	04/20/2020 19:01	WG1462646
Barium	137		0.500	1	04/20/2020 19:01	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:01	WG1462646
Chromium	12.7		1.00	1	04/20/2020 19:01	WG1462646
Lead	22.2		0.500	1	04/20/2020 19:01	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:01	WG1462646
Silver	ND		1.00	1	04/20/2020 19:01	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 12:08	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 12:08	WG1462215
Benzene	ND		0.0250	1	04/17/2020 12:08	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 12:08	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
Bromoform	ND		0.625	1	04/17/2020 12:08	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 12:08	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 12:08	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 12:08	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 12:08	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 12:08	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 12:08	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 12:08	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 12:08	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 12:08	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 12:08	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 12:08	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 12:08	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 12:08	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 12:08	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 12:08	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 12:08	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 12:08	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 12:08	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 12:08	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 12:08	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 12:08	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 12:08	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 12:08	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 12:08	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 12:08	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 12:08	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 12:08	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 12:08	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 12:08	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 12:08	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 12:08	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 12:08	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 12:08	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 12:08	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 12:08	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 12:08	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 12:08	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 12:08	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
Styrene	ND		0.313	1	04/17/2020 12:08	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 12:08	WG1462215
Toluene	ND		0.125	1	04/17/2020 12:08	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 12:08	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 12:08	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 12:08	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 12:08	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 12:08	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 12:08	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 12:08	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 12:08	WG1462215
(S) Toluene-d8	*112*		*75.0-131*		*04/17/2020 12:08*	WG1462215
(S) 4-Bromofluorobenzene	*90.0*		*67.0-138*		*04/17/2020 12:08*	WG1462215
(S) 1,2-Dichloroethane-d4	*84.7*		*70.0-130*		*04/17/2020 12:08*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 00:32	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 00:32	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 00:32	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 00:32	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 00:32	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 00:32	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 00:32	WG1462794
(S) Decachlorobiphenyl	*82.5*		*10.0-135*		*04/22/2020 00:32*	WG1462794
(S) Tetrachloro-m-xylene	*81.3*		*10.0-139*		*04/22/2020 00:32*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 11:57	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 11:57	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 11:57	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 11:57	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 11:57	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 11:57	WG1462802
(S) p-Terphenyl-d14	*62.6*		*23.0-120*		*04/19/2020 11:57*	WG1462802
(S) Nitrobenzene-d5	*57.1*		*14.0-149*		*04/19/2020 11:57*	WG1462802
(S) 2-Fluorobiphenyl	*55.4*		*34.0-125*		*04/19/2020 11:57*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:04	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.88		2.00	1	04/20/2020 19:03	WG1462646
Barium	74.6		0.500	1	04/20/2020 19:03	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:03	WG1462646
Chromium	5.92		1.00	1	04/20/2020 19:03	WG1462646
Lead	7.05		0.500	1	04/20/2020 19:03	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:03	WG1462646
Silver	ND		1.00	1	04/20/2020 19:03	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.26	1.01	04/17/2020 12:27	WG1462215
Acrylonitrile	ND		0.316	1.01	04/17/2020 12:27	WG1462215
Benzene	ND		0.0253	1.01	04/17/2020 12:27	WG1462215
Bromobenzene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
Bromodichloromethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Bromoform	ND		0.631	1.01	04/17/2020 12:27	WG1462215
Bromomethane	ND		0.316	1.01	04/17/2020 12:27	WG1462215
1,3-Butadiene	ND		0.631	1.01	04/17/2020 12:27	WG1462215
n-Butylbenzene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
sec-Butylbenzene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
tert-Butylbenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Carbon disulfide	ND		0.316	1.01	04/17/2020 12:27	WG1462215
Carbon tetrachloride	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Chlorobenzene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Chlorodibromomethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Chloroethane	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Chloroform	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Chloromethane	ND		0.316	1.01	04/17/2020 12:27	WG1462215
2-Chlorotoluene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
4-Chlorotoluene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Cyclohexane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.631	1.01	04/17/2020 12:27	WG1462215
1,2-Dibromoethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Dibromomethane	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,2-Dichlorobenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,3-Dichlorobenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,4-Dichlorobenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Dichlorodifluoromethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,1-Dichloroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,2-Dichloroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,1-Dichloroethene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
cis-1,2-Dichloroethene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
trans-1,2-Dichloroethene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,2-Dichloropropane	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,1-Dichloropropene	ND	L2	0.0631	1.01	04/17/2020 12:27	WG1462215
1,3-Dichloropropane	ND		0.126	1.01	04/17/2020 12:27	WG1462215
cis-1,3-Dichloropropene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
trans-1,3-Dichloropropene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
2,2-Dichloropropane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
Di-isopropyl ether	ND		0.0253	1.01	04/17/2020 12:27	WG1462215
Ethylbenzene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
4-Ethyltoluene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Hexachloro-1,3-butadiene	ND		0.631	1.01	04/17/2020 12:27	WG1462215
n-Hexane	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Isopropylbenzene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
p-Isopropyltoluene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
2-Butanone (MEK)	ND		2.53	1.01	04/17/2020 12:27	WG1462215
Methylene Chloride	ND		0.631	1.01	04/17/2020 12:27	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.631	1.01	04/17/2020 12:27	WG1462215
Methyl tert-butyl ether	ND		0.0253	1.01	04/17/2020 12:27	WG1462215
Methyl Cyclohexane	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Naphthalene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
Propene	ND	L1	1.26	1.01	04/17/2020 12:27	WG1462215
n-Propylbenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Styrene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Tetrachloroethene	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Toluene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,2,3-Trichlorobenzene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
1,2,4-Trichlorobenzene	ND		0.316	1.01	04/17/2020 12:27	WG1462215
1,1,1-Trichloroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,1,2-Trichloroethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Trichloroethene	ND	L2	0.0253	1.01	04/17/2020 12:27	WG1462215
Trichlorofluoromethane	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
1,2,3-Trichloropropane	ND		0.316	1.01	04/17/2020 12:27	WG1462215
1,2,4-Trimethylbenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,2,3-Trimethylbenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
1,3,5-Trimethylbenzene	ND		0.126	1.01	04/17/2020 12:27	WG1462215
Vinyl chloride	ND		0.0631	1.01	04/17/2020 12:27	WG1462215
Xylenes, Total	ND		0.164	1.01	04/17/2020 12:27	WG1462215
(S) Toluene-d8	*115*		*75.0-131*		*04/17/2020 12:27*	WG1462215
(S) 4-Bromofluorobenzene	*87.9*		*67.0-138*		*04/17/2020 12:27*	WG1462215
(S) 1,2-Dichloroethane-d4	*85.2*		*70.0-130*		*04/17/2020 12:27*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 00:47	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 00:47	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 00:47	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 00:47	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 00:47	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 00:47	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 00:47	WG1462794
(S) Decachlorobiphenyl	*89.1*		*10.0-135*		*04/22/2020 00:47*	WG1462794
(S) Tetrachloro-m-xylene	*87.1*		*10.0-139*		*04/22/2020 00:47*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 12:18	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 12:18	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 12:18	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 12:18	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 12:18	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 12:18	WG1462802
(S) p-Terphenyl-d14	*76.6*		*23.0-120*		*04/19/2020 12:18*	WG1462802
(S) Nitrobenzene-d5	*69.3*		*14.0-149*		*04/19/2020 12:18*	WG1462802
(S) 2-Fluorobiphenyl	*67.7*		*34.0-125*		*04/19/2020 12:18*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:11	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.97		2.00	1	04/20/2020 19:06	WG1462646
Barium	68.6		0.500	1	04/20/2020 19:06	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:06	WG1462646
Chromium	12.5		1.00	1	04/20/2020 19:06	WG1462646
Lead	9.63		0.500	1	04/20/2020 19:06	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:06	WG1462646
Silver	ND		1.00	1	04/20/2020 19:06	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 12:45	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 12:45	WG1462215
Benzene	ND		0.0250	1	04/17/2020 12:45	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 12:45	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
Bromoform	ND		0.625	1	04/17/2020 12:45	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 12:45	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 12:45	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 12:45	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 12:45	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 12:45	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 12:45	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 12:45	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 12:45	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 12:45	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 12:45	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 12:45	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 12:45	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 12:45	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 12:45	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 12:45	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 12:45	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 12:45	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 12:45	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 12:45	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 12:45	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 12:45	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 12:45	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 12:45	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 12:45	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 12:45	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 12:45	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 12:45	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 12:45	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 12:45	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 12:45	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 12:45	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 12:45	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 12:45	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 12:45	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 12:45	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 12:45	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 12:45	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 12:45	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
Styrene	ND		0.313	1	04/17/2020 12:45	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 12:45	WG1462215
Toluene	ND		0.125	1	04/17/2020 12:45	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 12:45	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 12:45	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 12:45	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 12:45	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 12:45	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 12:45	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 12:45	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 12:45	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 12:45*	WG1462215
(S) 4-Bromofluorobenzene	*87.8*		*67.0-138*		*04/17/2020 12:45*	WG1462215
(S) 1,2-Dichloroethane-d4	*86.3*		*70.0-130*		*04/17/2020 12:45*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 01:01	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 01:01	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 01:01	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 01:01	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 01:01	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 01:01	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 01:01	WG1462794
(S) Decachlorobiphenyl	*91.5*		*10.0-135*		*04/22/2020 01:01*	WG1462794
(S) Tetrachloro-m-xylene	*89.3*		*10.0-139*		*04/22/2020 01:01*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 12:39	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 12:39	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 12:39	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 12:39	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 12:39	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 12:39	WG1462802
(S) p-Terphenyl-d14	*81.7*		*23.0-120*		*04/19/2020 12:39*	WG1462802
(S) Nitrobenzene-d5	*73.3*		*14.0-149*		*04/19/2020 12:39*	WG1462802
(S) 2-Fluorobiphenyl	*71.2*		*34.0-125*		*04/19/2020 12:39*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:13	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	8.35		2.00	1	04/20/2020 19:09	WG1462646
Barium	274		0.500	1	04/20/2020 19:09	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:09	WG1462646
Chromium	12.7		1.00	1	04/20/2020 19:09	WG1462646
Lead	36.3		0.500	1	04/20/2020 19:09	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:09	WG1462646
Silver	ND		1.00	1	04/20/2020 19:09	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 13:04	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 13:04	WG1462215
Benzene	ND		0.0250	1	04/17/2020 13:04	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 13:04	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
Bromoform	ND		0.625	1	04/17/2020 13:04	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 13:04	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 13:04	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 13:04	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 13:04	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 13:04	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 13:04	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 13:04	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 13:04	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 13:04	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 13:04	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 13:04	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 13:04	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 13:04	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 13:04	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 13:04	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 13:04	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 13:04	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 13:04	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 13:04	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 13:04	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 13:04	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 13:04	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 13:04	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 13:04	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 13:04	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 13:04	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 13:04	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 13:04	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 13:04	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 13:04	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 13:04	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 13:04	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 13:04	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 13:04	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 13:04	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 13:04	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 13:04	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 13:04	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
Styrene	ND		0.313	1	04/17/2020 13:04	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 13:04	WG1462215
Toluene	ND		0.125	1	04/17/2020 13:04	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 13:04	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 13:04	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 13:04	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 13:04	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 13:04	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 13:04	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 13:04	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 13:04	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 13:04*	WG1462215
(S) 4-Bromofluorobenzene	*88.1*		*67.0-138*		*04/17/2020 13:04*	WG1462215
(S) 1,2-Dichloroethane-d4	*87.0*		*70.0-130*		*04/17/2020 13:04*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 01:15	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 01:15	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 01:15	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 01:15	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 01:15	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 01:15	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 01:15	WG1462794
(S) Decachlorobiphenyl	*47.0*		*10.0-135*		*04/22/2020 01:15*	WG1462794
(S) Tetrachloro-m-xylene	*56.9*		*10.0-139*		*04/22/2020 01:15*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 12:59	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 12:59	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 12:59	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 12:59	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 12:59	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 12:59	WG1462802
(S) p-Terphenyl-d14	*55.1*		*23.0-120*		*04/19/2020 12:59*	WG1462802
(S) Nitrobenzene-d5	*55.2*		*14.0-149*		*04/19/2020 12:59*	WG1462802
(S) 2-Fluorobiphenyl	*50.3*		*34.0-125*		*04/19/2020 12:59*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:16	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.89		2.00	1	04/20/2020 19:11	WG1462646
Barium	445		0.500	1	04/20/2020 19:11	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:11	WG1462646
Chromium	11.3		1.00	1	04/20/2020 19:11	WG1462646
Lead	21.1		0.500	1	04/20/2020 19:11	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:11	WG1462646
Silver	ND		1.00	1	04/20/2020 19:11	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 13:23	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 13:23	WG1462215
Benzene	ND		0.0250	1	04/17/2020 13:23	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 13:23	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
Bromoform	ND		0.625	1	04/17/2020 13:23	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 13:23	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 13:23	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 13:23	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 13:23	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 13:23	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 13:23	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 13:23	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 13:23	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 13:23	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 13:23	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 13:23	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 13:23	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 13:23	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 13:23	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 13:23	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 13:23	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 13:23	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 13:23	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 13:23	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 13:23	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 13:23	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 13:23	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 13:23	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 13:23	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 13:23	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 13:23	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 13:23	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 13:23	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 13:23	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 13:23	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 13:23	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 13:23	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 13:23	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 13:23	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 13:23	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 13:23	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 13:23	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 13:23	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
Styrene	ND		0.313	1	04/17/2020 13:23	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 13:23	WG1462215
Toluene	ND		0.125	1	04/17/2020 13:23	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 13:23	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 13:23	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 13:23	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 13:23	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 13:23	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 13:23	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 13:23	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 13:23	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 13:23*	WG1462215
(S) 4-Bromofluorobenzene	*88.6*		*67.0-138*		*04/17/2020 13:23*	WG1462215
(S) 1,2-Dichloroethane-d4	*87.3*		*70.0-130*		*04/17/2020 13:23*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 01:29	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 01:29	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 01:29	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 01:29	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 01:29	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 01:29	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 01:29	WG1462794
(S) Decachlorobiphenyl	*73.8*		*10.0-135*		*04/22/2020 01:29*	WG1462794
(S) Tetrachloro-m-xylene	*76.5*		*10.0-139*		*04/22/2020 01:29*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 13:20	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 13:20	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 13:20	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 13:20	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 13:20	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 13:20	WG1462802
(S) p-Terphenyl-d14	*54.1*		*23.0-120*		*04/19/2020 13:20*	WG1462802
(S) Nitrobenzene-d5	*60.7*		*14.0-149*		*04/19/2020 13:20*	WG1462802
(S) 2-Fluorobiphenyl	*48.8*		*34.0-125*		*04/19/2020 13:20*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:18	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.66		2.00	1	04/20/2020 19:14	WG1462646
Barium	121		0.500	1	04/20/2020 19:14	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:14	WG1462646
Chromium	7.52		1.00	1	04/20/2020 19:14	WG1462646
Lead	20.6		0.500	1	04/20/2020 19:14	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:14	WG1462646
Silver	ND		1.00	1	04/20/2020 19:14	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 13:42	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 13:42	WG1462215
Benzene	ND		0.0250	1	04/17/2020 13:42	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 13:42	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
Bromoform	ND		0.625	1	04/17/2020 13:42	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 13:42	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 13:42	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 13:42	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 13:42	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 13:42	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 13:42	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 13:42	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 13:42	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 13:42	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 13:42	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 13:42	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 13:42	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 13:42	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 13:42	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 13:42	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 13:42	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 13:42	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 13:42	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 13:42	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 13:42	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 13:42	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 13:42	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 13:42	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 13:42	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 13:42	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 13:42	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 13:42	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 13:42	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 13:42	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 13:42	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 13:42	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 13:42	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 13:42	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 13:42	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 13:42	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 13:42	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 13:42	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 13:42	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
Styrene	ND		0.313	1	04/17/2020 13:42	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 13:42	WG1462215
Toluene	ND		0.125	1	04/17/2020 13:42	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 13:42	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 13:42	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 13:42	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 13:42	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 13:42	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 13:42	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 13:42	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 13:42	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 13:42*	WG1462215
(S) 4-Bromofluorobenzene	*86.8*		*67.0-138*		*04/17/2020 13:42*	WG1462215
(S) 1,2-Dichloroethane-d4	*84.0*		*70.0-130*		*04/17/2020 13:42*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 01:43	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 01:43	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 01:43	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 01:43	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 01:43	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 01:43	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 01:43	WG1462794
(S) Decachlorobiphenyl	*71.4*		*10.0-135*		*04/22/2020 01:43*	WG1462794
(S) Tetrachloro-m-xylene	*68.9*		*10.0-139*		*04/22/2020 01:43*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Benzo(a)anthracene	0.00996		0.00600	1	04/19/2020 17:08	WG1462802
Benzo(a)pyrene	0.00999		0.00600	1	04/19/2020 17:08	WG1462802
Benzo(b)fluoranthene	0.0186		0.00600	1	04/19/2020 17:08	WG1462802
Benzo(g,h,i)perylene	0.0123		0.00600	1	04/19/2020 17:08	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Chrysene	0.0112		0.00600	1	04/19/2020 17:08	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Fluoranthene	0.0224		0.00600	1	04/19/2020 17:08	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Indeno(1,2,3-cd)pyrene	0.00741		0.00600	1	04/19/2020 17:08	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 17:08	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 17:08	WG1462802
Pyrene	0.0170		0.00600	1	04/19/2020 17:08	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 17:08	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 17:08	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 17:08	WG1462802
(S) p-Terphenyl-d14	*72.4*		*23.0-120*		*04/19/2020 17:08*	WG1462802
(S) Nitrobenzene-d5	*63.7*		*14.0-149*		*04/19/2020 17:08*	WG1462802
(S) 2-Fluorobiphenyl	*62.7*		*34.0-125*		*04/19/2020 17:08*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:20	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.07		2.00	1	04/20/2020 19:17	WG1462646
Barium	112		0.500	1	04/20/2020 19:17	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:17	WG1462646
Chromium	12.5		1.00	1	04/20/2020 19:17	WG1462646
Lead	18.5		0.500	1	04/20/2020 19:17	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:17	WG1462646
Silver	ND		1.00	1	04/20/2020 19:17	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:01	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 14:01	WG1462215
Benzene	ND		0.0250	1	04/17/2020 14:01	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 14:01	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
Bromoform	ND		0.625	1	04/17/2020 14:01	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 14:01	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 14:01	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 14:01	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:01	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 14:01	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:01	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 14:01	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 14:01	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 14:01	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 14:01	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 14:01	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:01	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:01	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 14:01	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:01	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:01	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:01	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:01	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 14:01	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:01	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:01	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:01	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:01	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:01	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:01	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 14:01	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:01	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:01	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 14:01	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:01	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:01	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:01	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 14:01	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:01	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:01	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:01	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 14:01	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 14:01	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
Styrene	ND		0.313	1	04/17/2020 14:01	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:01	WG1462215
Toluene	ND		0.125	1	04/17/2020 14:01	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:01	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:01	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 14:01	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:01	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:01	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:01	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 14:01	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 14:01	WG1462215
(S) Toluene-d8	*114*		*75.0-131*		*04/17/2020 14:01*	WG1462215
(S) 4-Bromofluorobenzene	*88.2*		*67.0-138*		*04/17/2020 14:01*	WG1462215
(S) 1,2-Dichloroethane-d4	*80.3*		*70.0-130*		*04/17/2020 14:01*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 01:57	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 01:57	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 01:57	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 01:57	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 01:57	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 01:57	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 01:57	WG1462794
(S) Decachlorobiphenyl	*77.1*		*10.0-135*		*04/22/2020 01:57*	WG1462794
(S) Tetrachloro-m-xylene	*77.6*		*10.0-139*		*04/22/2020 01:57*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 13:41	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 13:41	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 13:41	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 13:41	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 13:41	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 13:41	WG1462802
(S) p-Terphenyl-d14	*64.2*		*23.0-120*		*04/19/2020 13:41*	WG1462802
(S) Nitrobenzene-d5	*60.3*		*14.0-149*		*04/19/2020 13:41*	WG1462802
(S) 2-Fluorobiphenyl	*59.1*		*34.0-125*		*04/19/2020 13:41*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:23	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.21		2.00	1	04/20/2020 19:19	WG1462646
Barium	85.5		0.500	1	04/20/2020 19:19	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:19	WG1462646
Chromium	12.1		1.00	1	04/20/2020 19:19	WG1462646
Lead	12.8		0.500	1	04/20/2020 19:19	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:19	WG1462646
Silver	ND		1.00	1	04/20/2020 19:19	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:20	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 14:20	WG1462215
Benzene	ND		0.0250	1	04/17/2020 14:20	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 14:20	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
Bromoform	ND		0.625	1	04/17/2020 14:20	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 14:20	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 14:20	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 14:20	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:20	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 14:20	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:20	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 14:20	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 14:20	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 14:20	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 14:20	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 14:20	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:20	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:20	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 14:20	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:20	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:20	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:20	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:20	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 14:20	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:20	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:20	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:20	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:20	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:20	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:20	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 14:20	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:20	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:20	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 14:20	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:20	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:20	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:20	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 14:20	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:20	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:20	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:20	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 14:20	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 14:20	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
Styrene	ND		0.313	1	04/17/2020 14:20	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:20	WG1462215
Toluene	ND		0.125	1	04/17/2020 14:20	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:20	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:20	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 14:20	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:20	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:20	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:20	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 14:20	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 14:20	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 14:20*	WG1462215
(S) 4-Bromofluorobenzene	*87.4*		*67.0-138*		*04/17/2020 14:20*	WG1462215
(S) 1,2-Dichloroethane-d4	*86.1*		*70.0-130*		*04/17/2020 14:20*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 02:11	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 02:11	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 02:11	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 02:11	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 02:11	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 02:11	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 02:11	WG1462794
(S) Decachlorobiphenyl	*69.8*		*10.0-135*		*04/22/2020 02:11*	WG1462794
(S) Tetrachloro-m-xylene	*70.6*		*10.0-139*		*04/22/2020 02:11*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 14:02	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 14:02	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 14:02	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 14:02	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 14:02	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 14:02	WG1462802
(S) p-Terphenyl-d14	*68.7*		*23.0-120*		*04/19/2020 14:02*	WG1462802
(S) Nitrobenzene-d5	*60.7*		*14.0-149*		*04/19/2020 14:02*	WG1462802
(S) 2-Fluorobiphenyl	*60.3*		*34.0-125*		*04/19/2020 14:02*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:25	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.63		2.00	1	04/20/2020 19:22	WG1462646
Barium	183		0.500	1	04/20/2020 19:22	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:22	WG1462646
Chromium	13.2		1.00	1	04/20/2020 19:22	WG1462646
Lead	17.6		0.500	1	04/20/2020 19:22	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:22	WG1462646
Silver	ND		1.00	1	04/20/2020 19:22	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:39	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 14:39	WG1462215
Benzene	ND		0.0250	1	04/17/2020 14:39	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 14:39	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
Bromoform	ND		0.625	1	04/17/2020 14:39	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 14:39	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 14:39	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 14:39	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:39	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 14:39	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:39	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 14:39	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 14:39	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 14:39	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 14:39	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 14:39	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:39	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:39	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 14:39	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:39	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:39	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:39	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:39	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 14:39	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:39	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:39	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:39	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:39	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:39	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:39	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 14:39	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:39	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:39	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 14:39	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:39	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:39	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:39	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 14:39	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:39	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:39	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:39	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 14:39	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 14:39	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
Styrene	ND		0.313	1	04/17/2020 14:39	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:39	WG1462215
Toluene	ND		0.125	1	04/17/2020 14:39	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:39	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:39	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 14:39	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:39	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:39	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:39	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 14:39	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 14:39	WG1462215
(S) Toluene-d8	*113*		*75.0-131*		*04/17/2020 14:39*	WG1462215
(S) 4-Bromofluorobenzene	*85.6*		*67.0-138*		*04/17/2020 14:39*	WG1462215
(S) 1,2-Dichloroethane-d4	*85.9*		*70.0-130*		*04/17/2020 14:39*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/22/2020 02:25	WG1462794
PCB 1221	ND		0.0340	1	04/22/2020 02:25	WG1462794
PCB 1232	ND		0.0340	1	04/22/2020 02:25	WG1462794
PCB 1242	ND		0.0340	1	04/22/2020 02:25	WG1462794
PCB 1248	ND		0.0170	1	04/22/2020 02:25	WG1462794
PCB 1254	ND		0.0170	1	04/22/2020 02:25	WG1462794
PCB 1260	ND		0.0170	1	04/22/2020 02:25	WG1462794
(S) Decachlorobiphenyl	*71.7*		*10.0-135*		*04/22/2020 02:25*	WG1462794
(S) Tetrachloro-m-xylene	*70.1*		*10.0-139*		*04/22/2020 02:25*	WG1462794

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 14:22	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 14:22	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 14:22	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 14:22	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 14:22	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 14:22	WG1462802
(S) p-Terphenyl-d14	*54.0*		*23.0-120*		*04/19/2020 14:22*	WG1462802
(S) Nitrobenzene-d5	*49.5*		*14.0-149*		*04/19/2020 14:22*	WG1462802
(S) 2-Fluorobiphenyl	*49.2*		*34.0-125*		*04/19/2020 14:22*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:27	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.71		2.00	1	04/20/2020 19:25	WG1462646
Barium	154		0.500	1	04/20/2020 19:25	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:25	WG1462646
Chromium	13.2		1.00	1	04/20/2020 19:25	WG1462646
Lead	18.7		0.500	1	04/20/2020 19:25	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:25	WG1462646
Silver	ND		1.00	1	04/20/2020 19:25	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:58	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 14:58	WG1462215
Benzene	ND		0.0250	1	04/17/2020 14:58	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 14:58	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
Bromoform	ND		0.625	1	04/17/2020 14:58	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 14:58	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 14:58	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 14:58	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:58	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 14:58	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:58	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 14:58	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 14:58	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 14:58	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 14:58	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 14:58	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:58	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:58	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 14:58	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:58	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:58	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:58	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:58	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 14:58	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:58	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:58	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:58	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:58	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:58	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:58	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 14:58	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:58	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:58	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 14:58	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:58	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:58	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:58	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 14:58	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:58	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:58	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:58	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 14:58	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 14:58	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
Styrene	ND		0.313	1	04/17/2020 14:58	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:58	WG1462215
Toluene	ND		0.125	1	04/17/2020 14:58	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:58	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:58	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 14:58	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:58	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:58	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:58	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 14:58	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 14:58	WG1462215
(S) Toluene-d8	*114*		*75.0-131*		*04/17/2020 14:58*	WG1462215
(S) 4-Bromofluorobenzene	*85.0*		*67.0-138*		*04/17/2020 14:58*	WG1462215
(S) 1,2-Dichloroethane-d4	*84.7*		*70.0-130*		*04/17/2020 14:58*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 13:15	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 13:15	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 13:15	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 13:15	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 13:15	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 13:15	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 13:15	WG1462795
(S) Decachlorobiphenyl	*56.5*		*10.0-135*		*04/21/2020 13:15*	WG1462795
(S) Tetrachloro-m-xylene	*60.0*		*10.0-139*		*04/21/2020 13:15*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 14:43	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 14:43	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 14:43	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 14:43	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 14:43	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 14:43	WG1462802
(S) p-Terphenyl-d14	*70.7*		*23.0-120*		*04/19/2020 14:43*	WG1462802
(S) Nitrobenzene-d5	*60.9*		*14.0-149*		*04/19/2020 14:43*	WG1462802
(S) 2-Fluorobiphenyl	*59.3*		*34.0-125*		*04/19/2020 14:43*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:30	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.18		2.00	1	04/20/2020 19:33	WG1462646
Barium	121		0.500	1	04/20/2020 19:33	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:33	WG1462646
Chromium	5.59		1.00	1	04/20/2020 19:33	WG1462646
Lead	10.2		0.500	1	04/20/2020 19:33	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:33	WG1462646
Silver	ND		1.00	1	04/20/2020 19:33	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 15:17	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 15:17	WG1462215
Benzene	ND		0.0250	1	04/17/2020 15:17	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 15:17	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
Bromoform	ND		0.625	1	04/17/2020 15:17	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 15:17	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 15:17	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 15:17	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 15:17	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 15:17	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 15:17	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 15:17	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 15:17	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 15:17	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 15:17	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 15:17	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 15:17	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 15:17	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 15:17	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 15:17	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 15:17	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 15:17	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 15:17	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 15:17	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 15:17	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 15:17	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 15:17	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 15:17	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 15:17	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 15:17	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 15:17	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 15:17	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 15:17	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 15:17	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 15:17	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 15:17	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 15:17	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 15:17	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 15:17	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 15:17	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 15:17	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 15:17	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 15:17	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
Styrene	ND		0.313	1	04/17/2020 15:17	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 15:17	WG1462215
Toluene	ND		0.125	1	04/17/2020 15:17	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 15:17	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 15:17	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 15:17	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 15:17	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 15:17	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 15:17	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 15:17	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 15:17	WG1462215
(S) Toluene-d8	*114*		*75.0-131*		*04/17/2020 15:17*	WG1462215
(S) 4-Bromofluorobenzene	*85.8*		*67.0-138*		*04/17/2020 15:17*	WG1462215
(S) 1,2-Dichloroethane-d4	*79.6*		*70.0-130*		*04/17/2020 15:17*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 13:28	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 13:28	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 13:28	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 13:28	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 13:28	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 13:28	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 13:28	WG1462795
(S) Decachlorobiphenyl	*100*		*10.0-135*		*04/21/2020 13:28*	WG1462795
(S) Tetrachloro-m-xylene	*102*		*10.0-139*		*04/21/2020 13:28*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 15:04	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 15:04	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 15:04	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 15:04	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 15:04	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 15:04	WG1462802
(S) p-Terphenyl-d14	*79.0*		*23.0-120*		*04/19/2020 15:04*	WG1462802
(S) Nitrobenzene-d5	*69.8*		*14.0-149*		*04/19/2020 15:04*	WG1462802
(S) 2-Fluorobiphenyl	*68.3*		*34.0-125*		*04/19/2020 15:04*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0448		0.0400	1	04/20/2020 17:32	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	9.55		2.00	1	04/20/2020 19:35	WG1462646
Barium	512		0.500	1	04/20/2020 19:35	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:35	WG1462646
Chromium	14.1		1.00	1	04/20/2020 19:35	WG1462646
Lead	57.9		0.500	1	04/20/2020 19:35	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:35	WG1462646
Silver	ND		1.00	1	04/20/2020 19:35	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 15:36	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 15:36	WG1462215
Benzene	ND		0.0250	1	04/17/2020 15:36	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 15:36	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
Bromoform	ND		0.625	1	04/17/2020 15:36	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 15:36	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 15:36	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 15:36	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 15:36	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 15:36	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 15:36	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 15:36	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 15:36	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 15:36	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 15:36	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 15:36	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 15:36	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 15:36	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 15:36	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 15:36	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 15:36	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 15:36	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 15:36	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 15:36	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 15:36	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 15:36	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 15:36	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 15:36	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 15:36	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 15:36	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 15:36	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 15:36	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 15:36	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 15:36	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 15:36	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 15:36	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 15:36	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 15:36	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 15:36	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 15:36	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 15:36	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 15:36	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 15:36	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
Styrene	ND		0.313	1	04/17/2020 15:36	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 15:36	WG1462215
Toluene	ND		0.125	1	04/17/2020 15:36	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 15:36	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 15:36	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 15:36	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 15:36	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 15:36	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 15:36	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 15:36	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 15:36	WG1462215
(S) Toluene-d8	*112*		*75.0-131*		*04/17/2020 15:36*	WG1462215
(S) 4-Bromofluorobenzene	*89.1*		*67.0-138*		*04/17/2020 15:36*	WG1462215
(S) 1,2-Dichloroethane-d4	*82.9*		*70.0-130*		*04/17/2020 15:36*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 12:38	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 12:38	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 12:38	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 12:38	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 12:38	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 12:38	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 12:38	WG1462795
(S) Decachlorobiphenyl	*83.9*		*10.0-135*		*04/21/2020 12:38*	WG1462795
(S) Tetrachloro-m-xylene	*89.3*		*10.0-139*		*04/21/2020 12:38*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 15:24	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 15:24	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 15:24	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 15:24	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 15:24	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 15:24	WG1462802
(S) p-Terphenyl-d14	*67.3*		*23.0-120*		*04/19/2020 15:24*	WG1462802
(S) Nitrobenzene-d5	*60.6*		*14.0-149*		*04/19/2020 15:24*	WG1462802
(S) 2-Fluorobiphenyl	*57.0*		*34.0-125*		*04/19/2020 15:24*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0570		0.0400	1	04/20/2020 17:39	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.36		2.00	1	04/20/2020 19:38	WG1462646
Barium	122		0.500	1	04/20/2020 19:38	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:38	WG1462646
Chromium	9.31		1.00	1	04/20/2020 19:38	WG1462646
Lead	12.6		0.500	1	04/20/2020 19:38	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:38	WG1462646
Silver	ND		1.00	1	04/20/2020 19:38	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 15:54	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 15:54	WG1462215
Benzene	ND		0.0250	1	04/17/2020 15:54	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 15:54	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
Bromoform	ND		0.625	1	04/17/2020 15:54	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 15:54	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 15:54	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 15:54	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 15:54	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 15:54	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 15:54	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 15:54	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 15:54	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 15:54	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 15:54	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 15:54	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 15:54	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 15:54	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 15:54	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 15:54	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 15:54	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 15:54	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 15:54	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 15:54	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 15:54	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 15:54	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 15:54	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 15:54	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 15:54	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 15:54	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 15:54	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 15:54	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 15:54	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 15:54	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 15:54	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 15:54	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 15:54	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 15:54	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 15:54	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 15:54	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 15:54	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 15:54	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 15:54	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
Styrene	ND		0.313	1	04/17/2020 15:54	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 15:54	WG1462215
Toluene	ND		0.125	1	04/17/2020 15:54	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 15:54	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 15:54	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 15:54	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 15:54	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 15:54	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 15:54	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 15:54	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 15:54	WG1462215
(S) Toluene-d8	*112*		*75.0-131*		*04/17/2020 15:54*	WG1462215
(S) 4-Bromofluorobenzene	*87.7*		*67.0-138*		*04/17/2020 15:54*	WG1462215
(S) 1,2-Dichloroethane-d4	*84.3*		*70.0-130*		*04/17/2020 15:54*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 20:21	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 20:21	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 20:21	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 20:21	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 20:21	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 20:21	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 20:21	WG1462795
(S) Decachlorobiphenyl	*102*		*10.0-135*		*04/21/2020 20:21*	WG1462795
(S) Tetrachloro-m-xylene	*91.0*		*10.0-139*		*04/21/2020 20:21*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 15:45	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 15:45	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 15:45	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 15:45	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 15:45	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 15:45	WG1462802
(S) p-Terphenyl-d14	*71.2*		*23.0-120*		*04/19/2020 15:45*	WG1462802
(S) Nitrobenzene-d5	*61.8*		*14.0-149*		*04/19/2020 15:45*	WG1462802
(S) 2-Fluorobiphenyl	*59.2*		*34.0-125*		*04/19/2020 15:45*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0855		0.0400	1	04/20/2020 17:42	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/20/2020 00:31	WG1462650
Barium	64.2		0.500	1	04/20/2020 00:31	WG1462650
Cadmium	ND		0.500	1	04/20/2020 00:31	WG1462650
Chromium	8.74		1.00	1	04/20/2020 00:31	WG1462650
Lead	9.15		0.500	1	04/20/2020 00:31	WG1462650
Selenium	ND		2.00	1	04/20/2020 00:31	WG1462650
Silver	ND		1.00	1	04/20/2020 00:31	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:13	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 16:13	WG1462215
Benzene	ND		0.0250	1	04/17/2020 16:13	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 16:13	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
Bromoform	ND		0.625	1	04/17/2020 16:13	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 16:13	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 16:13	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 16:13	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:13	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 16:13	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 16:13	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 16:13	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 16:13	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 16:13	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 16:13	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 16:13	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:13	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:13	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 16:13	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:13	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:13	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:13	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:13	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 16:13	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:13	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:13	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:13	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:13	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:13	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:13	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 16:13	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:13	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:13	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 16:13	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:13	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:13	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:13	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 16:13	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:13	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:13	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:13	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 16:13	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 16:13	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
Styrene	ND		0.313	1	04/17/2020 16:13	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:13	WG1462215
Toluene	ND		0.125	1	04/17/2020 16:13	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:13	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:13	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 16:13	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:13	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:13	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 16:13	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 16:13	WG1462215
(S) Toluene-d8	*110*		*75.0-131*		*04/17/2020 16:13*	WG1462215
(S) 4-Bromofluorobenzene	*87.1*		*67.0-138*		*04/17/2020 16:13*	WG1462215
(S) 1,2-Dichloroethane-d4	*92.4*		*70.0-130*		*04/17/2020 16:13*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 20:33	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 20:33	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 20:33	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 20:33	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 20:33	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 20:33	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 20:33	WG1462795
(S) Decachlorobiphenyl	*83.7*		*10.0-135*		*04/21/2020 20:33*	WG1462795
(S) Tetrachloro-m-xylene	*76.1*		*10.0-139*		*04/21/2020 20:33*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 16:06	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 16:06	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 16:06	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 16:06	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 16:06	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 16:06	WG1462802
(S) p-Terphenyl-d14	*68.2*		*23.0-120*		*04/19/2020 16:06*	WG1462802
(S) Nitrobenzene-d5	*58.9*		*14.0-149*		*04/19/2020 16:06*	WG1462802
(S) 2-Fluorobiphenyl	*58.4*		*34.0-125*		*04/19/2020 16:06*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0591		0.0400	1	04/20/2020 17:44	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.46		2.00	1	04/20/2020 19:41	WG1462646
Barium	151		0.500	1	04/20/2020 19:41	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:41	WG1462646
Chromium	10.9		1.00	1	04/20/2020 19:41	WG1462646
Lead	49.1		0.500	1	04/20/2020 19:41	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:41	WG1462646
Silver	ND		1.00	1	04/20/2020 19:41	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:32	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 16:32	WG1462215
Benzene	ND		0.0250	1	04/17/2020 16:32	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 16:32	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
Bromoform	ND		0.625	1	04/17/2020 16:32	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 16:32	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 16:32	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 16:32	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:32	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 16:32	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 16:32	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 16:32	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 16:32	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 16:32	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 16:32	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 16:32	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:32	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:32	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 16:32	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:32	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:32	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:32	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:32	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 16:32	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:32	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:32	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:32	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:32	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:32	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:32	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 16:32	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:32	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:32	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 16:32	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:32	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:32	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:32	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 16:32	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:32	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:32	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:32	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 16:32	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 16:32	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
Styrene	ND		0.313	1	04/17/2020 16:32	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:32	WG1462215
Toluene	ND		0.125	1	04/17/2020 16:32	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:32	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:32	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 16:32	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:32	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:32	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:32	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 16:32	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 16:32	WG1462215
(S) Toluene-d8	*116*		*75.0-131*		*04/17/2020 16:32*	WG1462215
(S) 4-Bromofluorobenzene	*88.8*		*67.0-138*		*04/17/2020 16:32*	WG1462215
(S) 1,2-Dichloroethane-d4	*81.5*		*70.0-130*		*04/17/2020 16:32*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 20:46	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 20:46	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 20:46	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 20:46	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 20:46	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 20:46	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 20:46	WG1462795
(S) Decachlorobiphenyl	*98.0*		*10.0-135*		*04/21/2020 20:46*	WG1462795
(S) Tetrachloro-m-xylene	*81.6*		*10.0-139*		*04/21/2020 20:46*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 16:27	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 16:27	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 16:27	WG1462802
Benzo(a)anthracene	0.0246		0.00600	1	04/19/2020 16:27	WG1462802
Benzo(a)pyrene	0.0239		0.00600	1	04/19/2020 16:27	WG1462802
Benzo(b)fluoranthene	0.0410		0.00600	1	04/19/2020 16:27	WG1462802
Benzo(g,h,i)perylene	0.0238		0.00600	1	04/19/2020 16:27	WG1462802
Benzo(k)fluoranthene	0.0125		0.00600	1	04/19/2020 16:27	WG1462802
Chrysene	0.0326		0.00600	1	04/19/2020 16:27	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 16:27	WG1462802
Fluoranthene	0.0547		0.00600	1	04/19/2020 16:27	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 16:27	WG1462802
Indeno(1,2,3-cd)pyrene	0.0171		0.00600	1	04/19/2020 16:27	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 16:27	WG1462802
Phenanthrene	0.0204		0.00600	1	04/19/2020 16:27	WG1462802
Pyrene	0.0426		0.00600	1	04/19/2020 16:27	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 16:27	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 16:27	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 16:27	WG1462802
(S) p-Terphenyl-d14	*71.7*		*23.0-120*		*04/19/2020 16:27*	WG1462802
(S) Nitrobenzene-d5	*65.9*		*14.0-149*		*04/19/2020 16:27*	WG1462802
(S) 2-Fluorobiphenyl	*63.9*		*34.0-125*		*04/19/2020 16:27*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:46	WG1463119

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.63		2.00	1	04/20/2020 19:44	WG1462646
Barium	111		0.500	1	04/20/2020 19:44	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:44	WG1462646
Chromium	10.9		1.00	1	04/20/2020 19:44	WG1462646
Lead	16.9		0.500	1	04/20/2020 19:44	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:44	WG1462646
Silver	ND		1.00	1	04/20/2020 19:44	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:51	WG1462215
Acrylonitrile	ND		0.313	1	04/17/2020 16:51	WG1462215
Benzene	ND		0.0250	1	04/17/2020 16:51	WG1462215
Bromobenzene	ND		0.313	1	04/17/2020 16:51	WG1462215
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
Bromoform	ND		0.625	1	04/17/2020 16:51	WG1462215
Bromomethane	ND		0.313	1	04/17/2020 16:51	WG1462215
1,3-Butadiene	ND		0.625	1	04/17/2020 16:51	WG1462215
n-Butylbenzene	ND		0.313	1	04/17/2020 16:51	WG1462215
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:51	WG1462215
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
Carbon disulfide	ND		0.313	1	04/17/2020 16:51	WG1462215
Carbon tetrachloride	ND		0.125	1	04/17/2020 16:51	WG1462215
Chlorobenzene	ND		0.0625	1	04/17/2020 16:51	WG1462215
Chlorodibromomethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
Chloroethane	ND		0.125	1	04/17/2020 16:51	WG1462215
Chloroform	ND		0.0625	1	04/17/2020 16:51	WG1462215
Chloromethane	ND		0.313	1	04/17/2020 16:51	WG1462215
2-Chlorotoluene	ND		0.0625	1	04/17/2020 16:51	WG1462215
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:51	WG1462215
Cyclohexane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:51	WG1462215
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
Dibromomethane	ND		0.125	1	04/17/2020 16:51	WG1462215
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:51	WG1462215
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:51	WG1462215
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:51	WG1462215
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:51	WG1462215
1,1-Dichloropropene	ND	L2	0.0625	1	04/17/2020 16:51	WG1462215
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:51	WG1462215
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:51	WG1462215
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:51	WG1462215
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:51	WG1462215

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:51	WG1462215
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:51	WG1462215
Ethylbenzene	ND		0.0625	1	04/17/2020 16:51	WG1462215
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:51	WG1462215
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:51	WG1462215
n-Hexane	ND		0.125	1	04/17/2020 16:51	WG1462215
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:51	WG1462215
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:51	WG1462215
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:51	WG1462215
Methylene Chloride	ND		0.625	1	04/17/2020 16:51	WG1462215
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:51	WG1462215
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:51	WG1462215
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:51	WG1462215
Naphthalene	ND		0.313	1	04/17/2020 16:51	WG1462215
Propene	ND	L1	1.25	1	04/17/2020 16:51	WG1462215
n-Propylbenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
Styrene	ND		0.313	1	04/17/2020 16:51	WG1462215
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:51	WG1462215
Toluene	ND		0.125	1	04/17/2020 16:51	WG1462215
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:51	WG1462215
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:51	WG1462215
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
Trichloroethene	ND	L2	0.0250	1	04/17/2020 16:51	WG1462215
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:51	WG1462215
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:51	WG1462215
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:51	WG1462215
Vinyl chloride	ND		0.0625	1	04/17/2020 16:51	WG1462215
Xylenes, Total	ND		0.163	1	04/17/2020 16:51	WG1462215
(S) Toluene-d8	*114*		*75.0-131*		*04/17/2020 16:51*	WG1462215
(S) 4-Bromofluorobenzene	*87.1*		*67.0-138*		*04/17/2020 16:51*	WG1462215
(S) 1,2-Dichloroethane-d4	*83.3*		*70.0-130*		*04/17/2020 16:51*	WG1462215

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 20:58	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 20:58	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 20:58	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 20:58	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 20:58	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 20:58	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 20:58	WG1462795
(S) Decachlorobiphenyl	*90.5*		*10.0-135*		*04/21/2020 20:58*	WG1462795
(S) Tetrachloro-m-xylene	*82.7*		*10.0-139*		*04/21/2020 20:58*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Acenaphthene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Acenaphthylene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Benzo(a)anthracene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Benzo(a)pyrene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Benzo(b)fluoranthene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Benzo(g,h,i)perylene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Benzo(k)fluoranthene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Chrysene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Dibenz(a,h)anthracene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Fluoranthene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Fluorene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Naphthalene	ND		0.0200	1	04/19/2020 16:47	WG1462802
Phenanthrene	ND		0.00600	1	04/19/2020 16:47	WG1462802
Pyrene	ND		0.00600	1	04/19/2020 16:47	WG1462802
1-Methylnaphthalene	ND		0.0200	1	04/19/2020 16:47	WG1462802
2-Methylnaphthalene	ND		0.0200	1	04/19/2020 16:47	WG1462802
2-Chloronaphthalene	ND		0.0200	1	04/19/2020 16:47	WG1462802
(S) p-Terphenyl-d14	*62.2*		*23.0-120*		*04/19/2020 16:47*	WG1462802
(S) Nitrobenzene-d5	*56.6*		*14.0-149*		*04/19/2020 16:47*	WG1462802
(S) 2-Fluorobiphenyl	*58.3*		*34.0-125*		*04/19/2020 16:47*	WG1462802

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:00	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.98		2.00	1	04/20/2020 19:46	WG1462646
Barium	168		0.500	1	04/20/2020 19:46	WG1462646
Cadmium	ND		0.500	1	04/20/2020 19:46	WG1462646
Chromium	15.7		1.00	1	04/20/2020 19:46	WG1462646
Lead	26.8		0.500	1	04/20/2020 19:46	WG1462646
Selenium	ND		2.00	1	04/20/2020 19:46	WG1462646
Silver	ND		1.00	1	04/20/2020 19:46	WG1462646

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 10:54	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 10:54	WG1462235
Benzene	ND		0.0250	1	04/17/2020 10:54	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 10:54	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
Bromoform	ND		0.625	1	04/17/2020 10:54	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 10:54	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 10:54	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 10:54	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 10:54	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 10:54	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 10:54	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 10:54	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 10:54	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 10:54	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 10:54	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 10:54	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 10:54	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 10:54	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 10:54	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 10:54	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 10:54	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 10:54	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 10:54	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 10:54	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 10:54	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 10:54	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 10:54	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 10:54	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 10:54	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 10:54	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 10:54	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 10:54	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 10:54	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 10:54	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 10:54	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 10:54	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 10:54	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 10:54	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 10:54	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 10:54	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 10:54	WG1462235
Propene	ND		1.25	1	04/17/2020 10:54	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
Styrene	ND		0.313	1	04/17/2020 10:54	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 10:54	WG1462235
Toluene	ND		0.125	1	04/17/2020 10:54	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 10:54	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 10:54	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 10:54	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 10:54	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 10:54	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 10:54	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 10:54	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 10:54	WG1462235
(S) Toluene-d8	*104*		*75.0-131*		*04/17/2020 10:54*	WG1462235
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/17/2020 10:54*	WG1462235
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 10:54*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 21:11	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 21:11	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 21:11	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 21:11	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 21:11	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 21:11	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 21:11	WG1462795
(S) Decachlorobiphenyl	*84.1*		*10.0-135*		*04/21/2020 21:11*	WG1462795
(S) Tetrachloro-m-xylene	*74.8*		*10.0-139*		*04/21/2020 21:11*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Benzo(b)fluoranthene	0.00776		0.00600	1	04/20/2020 16:49	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Fluoranthene	0.00771	B1	0.00600	1	04/20/2020 16:49	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 16:49	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 16:49	WG1463142
Pyrene	0.00791	B1	0.00600	1	04/20/2020 16:49	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 16:49	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 16:49	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 16:49	WG1463142
(S) p-Terphenyl-d14	*59.4*		*23.0-120*		*04/20/2020 16:49*	WG1463142
(S) Nitrobenzene-d5	*68.4*		*14.0-149*		*04/20/2020 16:49*	WG1463142
(S) 2-Fluorobiphenyl	*61.8*		*34.0-125*		*04/20/2020 16:49*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:08	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.80		2.00	1	04/20/2020 00:44	WG1462650
Barium	70.9		0.500	1	04/20/2020 00:44	WG1462650
Cadmium	ND		0.500	1	04/20/2020 00:44	WG1462650
Chromium	8.57		1.00	1	04/20/2020 00:44	WG1462650
Lead	8.87		0.500	1	04/20/2020 00:44	WG1462650
Selenium	ND		2.00	1	04/20/2020 00:44	WG1462650
Silver	ND		1.00	1	04/20/2020 00:44	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.28	1.02	04/17/2020 11:51	WG1462235
Acrylonitrile	ND		0.319	1.02	04/17/2020 11:51	WG1462235
Benzene	ND		0.0255	1.02	04/17/2020 11:51	WG1462235
Bromobenzene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
Bromodichloromethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Bromoform	ND		0.638	1.02	04/17/2020 11:51	WG1462235
Bromomethane	ND		0.319	1.02	04/17/2020 11:51	WG1462235
1,3-Butadiene	ND		0.638	1.02	04/17/2020 11:51	WG1462235
n-Butylbenzene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
sec-Butylbenzene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
tert-Butylbenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Carbon disulfide	ND		0.319	1.02	04/17/2020 11:51	WG1462235
Carbon tetrachloride	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Chlorobenzene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Chlorodibromomethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Chloroethane	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Chloroform	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Chloromethane	ND		0.319	1.02	04/17/2020 11:51	WG1462235
2-Chlorotoluene	ND	R7	0.0638	1.02	04/17/2020 11:51	WG1462235
4-Chlorotoluene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Cyclohexane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.638	1.02	04/17/2020 11:51	WG1462235
1,2-Dibromoethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Dibromomethane	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,2-Dichlorobenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,3-Dichlorobenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,4-Dichlorobenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Dichlorodifluoromethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,1-Dichloroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,2-Dichloroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,1-Dichloroethene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
cis-1,2-Dichloroethene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
trans-1,2-Dichloroethene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,2-Dichloropropane	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,1-Dichloropropene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,3-Dichloropropane	ND		0.128	1.02	04/17/2020 11:51	WG1462235
cis-1,3-Dichloropropene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
trans-1,3-Dichloropropene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
2,2-Dichloropropane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
Di-isopropyl ether	ND		0.0255	1.02	04/17/2020 11:51	WG1462235
Ethylbenzene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
4-Ethyltoluene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Hexachloro-1,3-butadiene	ND		0.638	1.02	04/17/2020 11:51	WG1462235
n-Hexane	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Isopropylbenzene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
p-Isopropyltoluene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
2-Butanone (MEK)	ND		2.55	1.02	04/17/2020 11:51	WG1462235
Methylene Chloride	ND	L1	0.638	1.02	04/17/2020 11:51	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.638	1.02	04/17/2020 11:51	WG1462235
Methyl tert-butyl ether	ND		0.0255	1.02	04/17/2020 11:51	WG1462235
Methyl Cyclohexane	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Naphthalene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
Propene	ND		1.28	1.02	04/17/2020 11:51	WG1462235
n-Propylbenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Styrene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Tetrachloroethene	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Toluene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,2,3-Trichlorobenzene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
1,2,4-Trichlorobenzene	ND		0.319	1.02	04/17/2020 11:51	WG1462235
1,1,1-Trichloroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,1,2-Trichloroethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Trichloroethene	ND		0.0255	1.02	04/17/2020 11:51	WG1462235
Trichlorofluoromethane	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
1,2,3-Trichloropropane	ND		0.319	1.02	04/17/2020 11:51	WG1462235
1,2,4-Trimethylbenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,2,3-Trimethylbenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
1,3,5-Trimethylbenzene	ND		0.128	1.02	04/17/2020 11:51	WG1462235
Vinyl chloride	ND		0.0638	1.02	04/17/2020 11:51	WG1462235
Xylenes, Total	ND		0.166	1.02	04/17/2020 11:51	WG1462235
(S) Toluene-d8	*101*		*75.0-131*		*04/17/2020 11:51*	WG1462235
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/17/2020 11:51*	WG1462235
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/17/2020 11:51*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 21:23	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 21:23	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 21:23	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 21:23	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 21:23	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 21:23	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 21:23	WG1462795
(S) Decachlorobiphenyl	*103*		*10.0-135*		*04/21/2020 21:23*	WG1462795
(S) Tetrachloro-m-xylene	*91.9*		*10.0-139*		*04/21/2020 21:23*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 12:21	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 12:21	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 12:21	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 12:21	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 12:21	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 12:21	WG1463142
(S) p-Terphenyl-d14	*70.9*		*23.0-120*		*04/20/2020 12:21*	WG1463142
(S) Nitrobenzene-d5	*78.4*		*14.0-149*		*04/20/2020 12:21*	WG1463142
(S) 2-Fluorobiphenyl	*71.5*		*34.0-125*		*04/20/2020 12:21*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:10	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.39		2.00	1	04/20/2020 00:47	WG1462650
Barium	38.3		0.500	1	04/20/2020 00:47	WG1462650
Cadmium	ND		0.500	1	04/20/2020 00:47	WG1462650
Chromium	4.69		1.00	1	04/20/2020 00:47	WG1462650
Lead	11.2		0.500	1	04/20/2020 00:47	WG1462650
Selenium	ND		2.00	1	04/20/2020 00:47	WG1462650
Silver	ND		1.00	1	04/20/2020 00:47	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 12:10	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 12:10	WG1462235
Benzene	ND		0.0250	1	04/17/2020 12:10	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 12:10	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
Bromoform	ND		0.625	1	04/17/2020 12:10	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 12:10	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 12:10	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 12:10	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 12:10	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 12:10	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 12:10	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 12:10	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 12:10	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 12:10	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 12:10	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 12:10	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 12:10	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 12:10	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 12:10	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 12:10	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 12:10	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 12:10	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 12:10	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 12:10	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 12:10	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 12:10	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 12:10	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 12:10	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 12:10	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 12:10	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 12:10	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 12:10	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 12:10	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 12:10	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 12:10	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 12:10	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 12:10	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 12:10	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 12:10	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 12:10	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 12:10	WG1462235
Propene	ND		1.25	1	04/17/2020 12:10	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
Styrene	ND		0.313	1	04/17/2020 12:10	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 12:10	WG1462235
Toluene	ND		0.125	1	04/17/2020 12:10	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 12:10	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 12:10	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 12:10	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 12:10	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 12:10	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 12:10	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 12:10	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 12:10	WG1462235
(S) Toluene-d8	*104*		*75.0-131*		*04/17/2020 12:10*	WG1462235
(S) 4-Bromofluorobenzene	*99.4*		*67.0-138*		*04/17/2020 12:10*	WG1462235
(S) 1,2-Dichloroethane-d4	*103*		*70.0-130*		*04/17/2020 12:10*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 21:36	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 21:36	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 21:36	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 21:36	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 21:36	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 21:36	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 21:36	WG1462795
(S) Decachlorobiphenyl	*107*		*10.0-135*		*04/21/2020 21:36*	WG1462795
(S) Tetrachloro-m-xylene	*94.3*		*10.0-139*		*04/21/2020 21:36*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 12:42	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 12:42	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 12:42	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 12:42	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 12:42	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 12:42	WG1463142
(S) p-Terphenyl-d14	*81.4*		*23.0-120*		*04/20/2020 12:42*	WG1463142
(S) Nitrobenzene-d5	*91.9*		*14.0-149*		*04/20/2020 12:42*	WG1463142
(S) 2-Fluorobiphenyl	*82.6*		*34.0-125*		*04/20/2020 12:42*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:12	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.44		2.00	1	04/20/2020 00:50	WG1462650
Barium	60.5		0.500	1	04/20/2020 00:50	WG1462650
Cadmium	ND		0.500	1	04/20/2020 00:50	WG1462650
Chromium	2.72		1.00	1	04/20/2020 00:50	WG1462650
Lead	10.8		0.500	1	04/20/2020 00:50	WG1462650
Selenium	ND		2.00	1	04/20/2020 00:50	WG1462650
Silver	ND		1.00	1	04/20/2020 00:50	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.26	1.01	04/17/2020 12:40	WG1462235
Acrylonitrile	ND		0.316	1.01	04/17/2020 12:40	WG1462235
Benzene	ND		0.0253	1.01	04/17/2020 12:40	WG1462235
Bromobenzene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
Bromodichloromethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Bromoform	ND		0.631	1.01	04/17/2020 12:40	WG1462235
Bromomethane	ND		0.316	1.01	04/17/2020 12:40	WG1462235
1,3-Butadiene	ND		0.631	1.01	04/17/2020 12:40	WG1462235
n-Butylbenzene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
sec-Butylbenzene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
tert-Butylbenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Carbon disulfide	ND		0.316	1.01	04/17/2020 12:40	WG1462235
Carbon tetrachloride	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Chlorobenzene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Chlorodibromomethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Chloroethane	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Chloroform	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Chloromethane	ND		0.316	1.01	04/17/2020 12:40	WG1462235
2-Chlorotoluene	ND	R7	0.0631	1.01	04/17/2020 12:40	WG1462235
4-Chlorotoluene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Cyclohexane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.631	1.01	04/17/2020 12:40	WG1462235
1,2-Dibromoethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Dibromomethane	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,2-Dichlorobenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,3-Dichlorobenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,4-Dichlorobenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Dichlorodifluoromethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,1-Dichloroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,2-Dichloroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,1-Dichloroethene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
cis-1,2-Dichloroethene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
trans-1,2-Dichloroethene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,2-Dichloropropane	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,1-Dichloropropene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,3-Dichloropropane	ND		0.126	1.01	04/17/2020 12:40	WG1462235
cis-1,3-Dichloropropene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
trans-1,3-Dichloropropene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
2,2-Dichloropropane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
Di-isopropyl ether	ND		0.0253	1.01	04/17/2020 12:40	WG1462235
Ethylbenzene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
4-Ethyltoluene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Hexachloro-1,3-butadiene	ND		0.631	1.01	04/17/2020 12:40	WG1462235
n-Hexane	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Isopropylbenzene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
p-Isopropyltoluene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
2-Butanone (MEK)	ND		2.53	1.01	04/17/2020 12:40	WG1462235
Methylene Chloride	ND	L1	0.631	1.01	04/17/2020 12:40	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.631	1.01	04/17/2020 12:40	WG1462235
Methyl tert-butyl ether	ND		0.0253	1.01	04/17/2020 12:40	WG1462235
Methyl Cyclohexane	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Naphthalene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
Propene	ND		1.26	1.01	04/17/2020 12:40	WG1462235
n-Propylbenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Styrene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Tetrachloroethene	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Toluene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,2,3-Trichlorobenzene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
1,2,4-Trichlorobenzene	ND		0.316	1.01	04/17/2020 12:40	WG1462235
1,1,1-Trichloroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,1,2-Trichloroethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Trichloroethene	ND		0.0253	1.01	04/17/2020 12:40	WG1462235
Trichlorofluoromethane	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
1,2,3-Trichloropropane	ND		0.316	1.01	04/17/2020 12:40	WG1462235
1,2,4-Trimethylbenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,2,3-Trimethylbenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
1,3,5-Trimethylbenzene	ND		0.126	1.01	04/17/2020 12:40	WG1462235
Vinyl chloride	ND		0.0631	1.01	04/17/2020 12:40	WG1462235
Xylenes, Total	ND		0.164	1.01	04/17/2020 12:40	WG1462235
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 12:40*	WG1462235
(S) 4-Bromofluorobenzene	*106*		*67.0-138*		*04/17/2020 12:40*	WG1462235
(S) 1,2-Dichloroethane-d4	*104*		*70.0-130*		*04/17/2020 12:40*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 21:48	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 21:48	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 21:48	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 21:48	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 21:48	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 21:48	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 21:48	WG1462795
(S) Decachlorobiphenyl	*114*		*10.0-135*		*04/21/2020 21:48*	WG1462795
(S) Tetrachloro-m-xylene	*99.7*		*10.0-139*		*04/21/2020 21:48*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 13:02	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 13:02	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 13:02	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 13:02	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 13:02	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 13:02	WG1463142
(S) p-Terphenyl-d14	*73.6*		*23.0-120*		*04/20/2020 13:02*	WG1463142
(S) Nitrobenzene-d5	*83.5*		*14.0-149*		*04/20/2020 13:02*	WG1463142
(S) 2-Fluorobiphenyl	*74.5*		*34.0-125*		*04/20/2020 13:02*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:15	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.06		2.00	1	04/20/2020 00:58	WG1462650
Barium	47.3		0.500	1	04/20/2020 00:58	WG1462650
Cadmium	ND		0.500	1	04/20/2020 00:58	WG1462650
Chromium	21.3		1.00	1	04/20/2020 00:58	WG1462650
Lead	7.95		0.500	1	04/20/2020 00:58	WG1462650
Selenium	ND		2.00	1	04/20/2020 00:58	WG1462650
Silver	ND		1.00	1	04/20/2020 00:58	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 12:59	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 12:59	WG1462235
Benzene	ND		0.0250	1	04/17/2020 12:59	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 12:59	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
Bromoform	ND		0.625	1	04/17/2020 12:59	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 12:59	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 12:59	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 12:59	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 12:59	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 12:59	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 12:59	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 12:59	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 12:59	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 12:59	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 12:59	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 12:59	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 12:59	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 12:59	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 12:59	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 12:59	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 12:59	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 12:59	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 12:59	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 12:59	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 12:59	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 12:59	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 12:59	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 12:59	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 12:59	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 12:59	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 12:59	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 12:59	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 12:59	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 12:59	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 12:59	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 12:59	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 12:59	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 12:59	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 12:59	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 12:59	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 12:59	WG1462235
Propene	ND		1.25	1	04/17/2020 12:59	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
Styrene	ND		0.313	1	04/17/2020 12:59	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 12:59	WG1462235
Toluene	ND		0.125	1	04/17/2020 12:59	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 12:59	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 12:59	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 12:59	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 12:59	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 12:59	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 12:59	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 12:59	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 12:59	WG1462235
(S) Toluene-d8	*103*		*75.0-131*		*04/17/2020 12:59*	WG1462235
(S) 4-Bromofluorobenzene	*99.0*		*67.0-138*		*04/17/2020 12:59*	WG1462235
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*04/17/2020 12:59*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 22:01	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 22:01	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 22:01	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 22:01	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 22:01	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 22:01	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 22:01	WG1462795
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/21/2020 22:01*	WG1462795
(S) Tetrachloro-m-xylene	*99.5*		*10.0-139*		*04/21/2020 22:01*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Acenaphthene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Acenaphthylene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Benzo(a)anthracene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Benzo(a)pyrene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Benzo(b)fluoranthene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Benzo(g,h,i)perylene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Benzo(k)fluoranthene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Chrysene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Dibenz(a,h)anthracene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Fluoranthene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Fluorene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Naphthalene	ND		0.0202	1.01	04/20/2020 13:23	WG1463142
Phenanthrene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
Pyrene	ND		0.00606	1.01	04/20/2020 13:23	WG1463142
1-Methylnaphthalene	ND		0.0202	1.01	04/20/2020 13:23	WG1463142
2-Methylnaphthalene	ND		0.0202	1.01	04/20/2020 13:23	WG1463142
2-Chloronaphthalene	ND		0.0202	1.01	04/20/2020 13:23	WG1463142
(S) p-Terphenyl-d14	*79.7*		*23.0-120*		*04/20/2020 13:23*	WG1463142
(S) Nitrobenzene-d5	*90.1*		*14.0-149*		*04/20/2020 13:23*	WG1463142
(S) 2-Fluorobiphenyl	*81.1*		*34.0-125*		*04/20/2020 13:23*	WG1463142

Sample Narrative:

L1209083-25 WG1463142: Dilution due to sample volume.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0469		0.0400	1	04/20/2020 18:17	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	13.4		2.00	1	04/20/2020 01:01	WG1462650
Barium	88.7		0.500	1	04/20/2020 01:01	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:01	WG1462650
Chromium	12.4		1.00	1	04/20/2020 01:01	WG1462650
Lead	23.9		0.500	1	04/20/2020 01:01	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:01	WG1462650
Silver	ND		1.00	1	04/20/2020 01:01	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 13:18	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 13:18	WG1462235
Benzene	ND		0.0250	1	04/17/2020 13:18	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 13:18	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
Bromoform	ND		0.625	1	04/17/2020 13:18	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 13:18	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 13:18	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 13:18	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 13:18	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 13:18	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 13:18	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 13:18	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 13:18	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 13:18	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 13:18	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 13:18	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 13:18	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 13:18	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 13:18	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 13:18	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 13:18	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 13:18	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 13:18	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 13:18	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 13:18	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 13:18	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 13:18	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 13:18	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 13:18	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 13:18	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 13:18	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 13:18	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 13:18	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 13:18	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 13:18	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 13:18	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 13:18	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 13:18	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 13:18	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 13:18	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 13:18	WG1462235
Propene	ND		1.25	1	04/17/2020 13:18	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
Styrene	ND		0.313	1	04/17/2020 13:18	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 13:18	WG1462235
Toluene	ND		0.125	1	04/17/2020 13:18	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 13:18	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 13:18	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 13:18	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 13:18	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 13:18	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 13:18	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 13:18	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 13:18	WG1462235
(S) Toluene-d8	*103*		*75.0-131*		*04/17/2020 13:18*	WG1462235
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/17/2020 13:18*	WG1462235
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 13:18*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 22:13	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 22:13	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 22:13	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 22:13	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 22:13	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 22:13	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 22:13	WG1462795
(S) Decachlorobiphenyl	*108*		*10.0-135*		*04/21/2020 22:13*	WG1462795
(S) Tetrachloro-m-xylene	*95.8*		*10.0-139*		*04/21/2020 22:13*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 13:44	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 13:44	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 13:44	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 13:44	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 13:44	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 13:44	WG1463142
(S) p-Terphenyl-d14	*56.4*		*23.0-120*		*04/20/2020 13:44*	WG1463142
(S) Nitrobenzene-d5	*72.0*		*14.0-149*		*04/20/2020 13:44*	WG1463142
(S) 2-Fluorobiphenyl	*63.1*		*34.0-125*		*04/20/2020 13:44*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:19	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	ND		2.00	1	04/20/2020 01:04	WG1462650
Barium	84.4		0.500	1	04/20/2020 01:04	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:04	WG1462650
Chromium	5.41		1.00	1	04/20/2020 01:04	WG1462650
Lead	12.4		0.500	1	04/20/2020 01:04	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:04	WG1462650
Silver	ND		1.00	1	04/20/2020 01:04	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 13:37	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 13:37	WG1462235
Benzene	ND		0.0250	1	04/17/2020 13:37	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 13:37	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
Bromoform	ND		0.625	1	04/17/2020 13:37	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 13:37	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 13:37	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 13:37	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 13:37	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 13:37	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 13:37	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 13:37	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 13:37	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 13:37	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 13:37	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 13:37	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 13:37	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 13:37	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 13:37	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 13:37	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 13:37	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 13:37	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 13:37	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 13:37	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 13:37	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 13:37	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 13:37	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 13:37	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 13:37	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 13:37	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 13:37	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 13:37	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 13:37	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 13:37	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 13:37	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 13:37	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 13:37	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 13:37	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 13:37	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 13:37	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 13:37	WG1462235
Propene	ND		1.25	1	04/17/2020 13:37	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
Styrene	ND		0.313	1	04/17/2020 13:37	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 13:37	WG1462235
Toluene	ND		0.125	1	04/17/2020 13:37	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 13:37	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 13:37	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 13:37	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 13:37	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 13:37	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 13:37	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 13:37	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 13:37	WG1462235
(S) Toluene-d8	*101*		*75.0-131*		*04/17/2020 13:37*	WG1462235
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/17/2020 13:37*	WG1462235
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 13:37*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 22:26	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 22:26	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 22:26	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 22:26	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 22:26	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 22:26	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 22:26	WG1462795
(S) Decachlorobiphenyl	*110*		*10.0-135*		*04/21/2020 22:26*	WG1462795
(S) Tetrachloro-m-xylene	*94.5*		*10.0-139*		*04/21/2020 22:26*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0276		0.00600	1	04/20/2020 17:51	WG1463142
Acenaphthene	0.0213		0.00600	1	04/20/2020 17:51	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 17:51	WG1463142
Benzo(a)anthracene	0.128		0.00600	1	04/20/2020 17:51	WG1463142
Benzo(a)pyrene	0.125		0.00600	1	04/20/2020 17:51	WG1463142
Benzo(b)fluoranthene	0.170		0.00600	1	04/20/2020 17:51	WG1463142
Benzo(g,h,i)perylene	0.0918		0.00600	1	04/20/2020 17:51	WG1463142
Benzo(k)fluoranthene	0.0528		0.00600	1	04/20/2020 17:51	WG1463142
Chrysene	0.120		0.00600	1	04/20/2020 17:51	WG1463142
Dibenz(a,h)anthracene	0.0235		0.00600	1	04/20/2020 17:51	WG1463142
Fluoranthene	0.190		0.00600	1	04/20/2020 17:51	WG1463142
Fluorene	0.00994		0.00600	1	04/20/2020 17:51	WG1463142
Indeno(1,2,3-cd)pyrene	0.0813		0.00600	1	04/20/2020 17:51	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 17:51	WG1463142
Phenanthrene	0.0902		0.00600	1	04/20/2020 17:51	WG1463142
Pyrene	0.166		0.00600	1	04/20/2020 17:51	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 17:51	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 17:51	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 17:51	WG1463142
(S) p-Terphenyl-d14	*69.9*		*23.0-120*		*04/20/2020 17:51*	WG1463142
(S) Nitrobenzene-d5	*79.6*		*14.0-149*		*04/20/2020 17:51*	WG1463142
(S) 2-Fluorobiphenyl	*71.6*		*34.0-125*		*04/20/2020 17:51*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:22	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.92		2.00	1	04/20/2020 01:07	WG1462650
Barium	83.4		0.500	1	04/20/2020 01:07	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:07	WG1462650
Chromium	11.1		1.00	1	04/20/2020 01:07	WG1462650
Lead	16.3		0.500	1	04/20/2020 01:07	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:07	WG1462650
Silver	ND		1.00	1	04/20/2020 01:07	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 13:56	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 13:56	WG1462235
Benzene	ND		0.0250	1	04/17/2020 13:56	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 13:56	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
Bromoform	ND		0.625	1	04/17/2020 13:56	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 13:56	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 13:56	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 13:56	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 13:56	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 13:56	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 13:56	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 13:56	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 13:56	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 13:56	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 13:56	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 13:56	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 13:56	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 13:56	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 13:56	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 13:56	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 13:56	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 13:56	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 13:56	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 13:56	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 13:56	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 13:56	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 13:56	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 13:56	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 13:56	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 13:56	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 13:56	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 13:56	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 13:56	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 13:56	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 13:56	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 13:56	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 13:56	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 13:56	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 13:56	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 13:56	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 13:56	WG1462235
Propene	ND		1.25	1	04/17/2020 13:56	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
Styrene	ND		0.313	1	04/17/2020 13:56	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 13:56	WG1462235
Toluene	ND		0.125	1	04/17/2020 13:56	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 13:56	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 13:56	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 13:56	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 13:56	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 13:56	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 13:56	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 13:56	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 13:56	WG1462235
(S) Toluene-d8	*103*		*75.0-131*		*04/17/2020 13:56*	WG1462235
(S) 4-Bromofluorobenzene	*99.7*		*67.0-138*		*04/17/2020 13:56*	WG1462235
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 13:56*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 22:38	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 22:38	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 22:38	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 22:38	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 22:38	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 22:38	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 22:38	WG1462795
(S) Decachlorobiphenyl	*100*		*10.0-135*		*04/21/2020 22:38*	WG1462795
(S) Tetrachloro-m-xylene	*90.1*		*10.0-139*		*04/21/2020 22:38*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 14:04	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 14:04	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 14:04	WG1463142
Benzo(a)anthracene	0.0149		0.00600	1	04/20/2020 14:04	WG1463142
Benzo(a)pyrene	0.0157		0.00600	1	04/20/2020 14:04	WG1463142
Benzo(b)fluoranthene	0.0209		0.00600	1	04/20/2020 14:04	WG1463142
Benzo(g,h,i)perylene	0.0144		0.00600	1	04/20/2020 14:04	WG1463142
Benzo(k)fluoranthene	0.00856		0.00600	1	04/20/2020 14:04	WG1463142
Chrysene	0.0163		0.00600	1	04/20/2020 14:04	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 14:04	WG1463142
Fluoranthene	0.0225	B1	0.00600	1	04/20/2020 14:04	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 14:04	WG1463142
Indeno(1,2,3-cd)pyrene	0.0121		0.00600	1	04/20/2020 14:04	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 14:04	WG1463142
Phenanthrene	0.00630		0.00600	1	04/20/2020 14:04	WG1463142
Pyrene	0.0236	B1	0.00600	1	04/20/2020 14:04	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 14:04	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 14:04	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 14:04	WG1463142
(S) p-Terphenyl-d14	*52.9*		*23.0-120*		*04/20/2020 14:04*	WG1463142
(S) Nitrobenzene-d5	*58.8*		*14.0-149*		*04/20/2020 14:04*	WG1463142
(S) 2-Fluorobiphenyl	*55.0*		*34.0-125*		*04/20/2020 14:04*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:24	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.20		2.00	1	04/20/2020 01:10	WG1462650
Barium	61.8		0.500	1	04/20/2020 01:10	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:10	WG1462650
Chromium	13.3		1.00	1	04/20/2020 01:10	WG1462650
Lead	14.5		0.500	1	04/20/2020 01:10	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:10	WG1462650
Silver	ND		1.00	1	04/20/2020 01:10	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:15	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 14:15	WG1462235
Benzene	ND		0.0250	1	04/17/2020 14:15	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 14:15	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
Bromoform	ND		0.625	1	04/17/2020 14:15	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 14:15	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 14:15	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 14:15	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:15	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 14:15	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:15	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 14:15	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 14:15	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 14:15	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 14:15	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 14:15	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:15	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:15	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 14:15	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:15	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:15	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:15	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:15	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:15	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:15	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:15	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:15	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:15	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:15	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 14:15	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:15	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:15	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 14:15	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:15	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:15	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:15	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 14:15	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:15	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:15	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:15	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 14:15	WG1462235
Propene	ND		1.25	1	04/17/2020 14:15	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
Styrene	ND		0.313	1	04/17/2020 14:15	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:15	WG1462235
Toluene	ND		0.125	1	04/17/2020 14:15	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:15	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:15	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 14:15	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:15	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:15	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:15	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 14:15	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 14:15	WG1462235
(S) Toluene-d8	*101*		*75.0-131*		*04/17/2020 14:15*	WG1462235
(S) 4-Bromofluorobenzene	*99.1*		*67.0-138*		*04/17/2020 14:15*	WG1462235
(S) 1,2-Dichloroethane-d4	*96.6*		*70.0-130*		*04/17/2020 14:15*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 22:50	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 22:50	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 22:50	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 22:50	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 22:50	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 22:50	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 22:50	WG1462795
(S) Decachlorobiphenyl	*106*		*10.0-135*		*04/21/2020 22:50*	WG1462795
(S) Tetrachloro-m-xylene	*93.5*		*10.0-139*		*04/21/2020 22:50*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 14:25	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 14:25	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 14:25	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 14:25	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 14:25	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 14:25	WG1463142
(S) p-Terphenyl-d14	*67.4*		*23.0-120*		*04/20/2020 14:25*	WG1463142
(S) Nitrobenzene-d5	*71.9*		*14.0-149*		*04/20/2020 14:25*	WG1463142
(S) 2-Fluorobiphenyl	*68.6*		*34.0-125*		*04/20/2020 14:25*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:26	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.76		2.00	1	04/20/2020 01:12	WG1462650
Barium	144		0.500	1	04/20/2020 01:12	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:12	WG1462650
Chromium	9.71		1.00	1	04/20/2020 01:12	WG1462650
Lead	12.7		0.500	1	04/20/2020 01:12	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:12	WG1462650
Silver	ND		1.00	1	04/20/2020 01:12	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:34	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 14:34	WG1462235
Benzene	ND		0.0250	1	04/17/2020 14:34	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 14:34	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
Bromoform	ND		0.625	1	04/17/2020 14:34	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 14:34	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 14:34	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 14:34	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:34	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 14:34	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:34	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 14:34	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 14:34	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 14:34	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 14:34	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 14:34	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:34	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:34	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 14:34	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:34	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:34	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:34	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:34	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:34	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:34	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:34	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:34	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:34	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:34	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 14:34	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:34	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:34	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 14:34	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:34	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:34	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:34	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 14:34	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:34	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:34	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:34	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 14:34	WG1462235
Propene	ND		1.25	1	04/17/2020 14:34	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
Styrene	ND		0.313	1	04/17/2020 14:34	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:34	WG1462235
Toluene	ND		0.125	1	04/17/2020 14:34	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:34	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:34	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 14:34	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:34	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:34	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:34	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 14:34	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 14:34	WG1462235
(S) Toluene-d8	*103*		*75.0-131*		*04/17/2020 14:34*	WG1462235
(S) 4-Bromofluorobenzene	*99.8*		*67.0-138*		*04/17/2020 14:34*	WG1462235
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 14:34*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 23:03	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 23:03	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 23:03	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 23:03	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 23:03	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 23:03	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 23:03	WG1462795
(S) Decachlorobiphenyl	*107*		*10.0-135*		*04/21/2020 23:03*	WG1462795
(S) Tetrachloro-m-xylene	*92.9*		*10.0-139*		*04/21/2020 23:03*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 14:46	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 14:46	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 14:46	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 14:46	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 14:46	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 14:46	WG1463142
(S) p-Terphenyl-d14	*75.5*		*23.0-120*		*04/20/2020 14:46*	WG1463142
(S) Nitrobenzene-d5	*84.3*		*14.0-149*		*04/20/2020 14:46*	WG1463142
(S) 2-Fluorobiphenyl	*77.1*		*34.0-125*		*04/20/2020 14:46*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:29	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.60		2.00	1	04/20/2020 01:15	WG1462650
Barium	149		0.500	1	04/20/2020 01:15	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:15	WG1462650
Chromium	13.7		1.00	1	04/20/2020 01:15	WG1462650
Lead	18.7		0.500	1	04/20/2020 01:15	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:15	WG1462650
Silver	ND		1.00	1	04/20/2020 01:15	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 14:53	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 14:53	WG1462235
Benzene	ND		0.0250	1	04/17/2020 14:53	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 14:53	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
Bromoform	ND		0.625	1	04/17/2020 14:53	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 14:53	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 14:53	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 14:53	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 14:53	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 14:53	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 14:53	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 14:53	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 14:53	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 14:53	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 14:53	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 14:53	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 14:53	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 14:53	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 14:53	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 14:53	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 14:53	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 14:53	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 14:53	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 14:53	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 14:53	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 14:53	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 14:53	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 14:53	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 14:53	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 14:53	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 14:53	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 14:53	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 14:53	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 14:53	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 14:53	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 14:53	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 14:53	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 14:53	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 14:53	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 14:53	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 14:53	WG1462235
Propene	ND		1.25	1	04/17/2020 14:53	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
Styrene	ND		0.313	1	04/17/2020 14:53	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 14:53	WG1462235
Toluene	ND		0.125	1	04/17/2020 14:53	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 14:53	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 14:53	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 14:53	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 14:53	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 14:53	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 14:53	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 14:53	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 14:53	WG1462235
(S) Toluene-d8	*102*		*75.0-131*		*04/17/2020 14:53*	WG1462235
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/17/2020 14:53*	WG1462235
(S) 1,2-Dichloroethane-d4	*99.9*		*70.0-130*		*04/17/2020 14:53*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 23:15	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 23:15	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 23:15	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 23:15	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 23:15	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 23:15	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 23:15	WG1462795
(S) Decachlorobiphenyl	*87.0*		*10.0-135*		*04/21/2020 23:15*	WG1462795
(S) Tetrachloro-m-xylene	*77.7*		*10.0-139*		*04/21/2020 23:15*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 15:06	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 15:06	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 15:06	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 15:06	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 15:06	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 15:06	WG1463142
(S) p-Terphenyl-d14	*41.6*		*23.0-120*		*04/20/2020 15:06*	WG1463142
(S) Nitrobenzene-d5	*47.9*		*14.0-149*		*04/20/2020 15:06*	WG1463142
(S) 2-Fluorobiphenyl	*43.3*		*34.0-125*		*04/20/2020 15:06*	WG1463142

Sample Narrative:

L1209083-31 WG1463142: Dilution due to sample volume.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0273	.6818182	04/20/2020 18:36	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.84		2.00	1	04/20/2020 01:18	WG1462650
Barium	18.8		0.500	1	04/20/2020 01:18	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:18	WG1462650
Chromium	2.48		1.00	1	04/20/2020 01:18	WG1462650
Lead	7.29		0.500	1	04/20/2020 01:18	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:18	WG1462650
Silver	ND		1.00	1	04/20/2020 01:18	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 15:12	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 15:12	WG1462235
Benzene	ND		0.0250	1	04/17/2020 15:12	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 15:12	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
Bromoform	ND		0.625	1	04/17/2020 15:12	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 15:12	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 15:12	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 15:12	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 15:12	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 15:12	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 15:12	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 15:12	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 15:12	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 15:12	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 15:12	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 15:12	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 15:12	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 15:12	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 15:12	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 15:12	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 15:12	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 15:12	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 15:12	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 15:12	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 15:12	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 15:12	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 15:12	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 15:12	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 15:12	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 15:12	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 15:12	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 15:12	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 15:12	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 15:12	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 15:12	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 15:12	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 15:12	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 15:12	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 15:12	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 15:12	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 15:12	WG1462235
Propene	ND		1.25	1	04/17/2020 15:12	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
Styrene	ND		0.313	1	04/17/2020 15:12	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 15:12	WG1462235
Toluene	ND		0.125	1	04/17/2020 15:12	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 15:12	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 15:12	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 15:12	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 15:12	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 15:12	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 15:12	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 15:12	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 15:12	WG1462235
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 15:12*	WG1462235
(S) 4-Bromofluorobenzene	*92.1*		*67.0-138*		*04/17/2020 15:12*	WG1462235
(S) 1,2-Dichloroethane-d4	*96.2*		*70.0-130*		*04/17/2020 15:12*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 23:28	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 23:28	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 23:28	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 23:28	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 23:28	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 23:28	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 23:28	WG1462795
(S) Decachlorobiphenyl	*119*		*10.0-135*		*04/21/2020 23:28*	WG1462795
(S) Tetrachloro-m-xylene	*102*		*10.0-139*		*04/21/2020 23:28*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 15:27	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 15:27	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 15:27	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 15:27	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 15:27	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 15:27	WG1463142
(S) p-Terphenyl-d14	*75.9*		*23.0-120*		*04/20/2020 15:27*	WG1463142
(S) Nitrobenzene-d5	*86.3*		*14.0-149*		*04/20/2020 15:27*	WG1463142
(S) 2-Fluorobiphenyl	*79.4*		*34.0-125*		*04/20/2020 15:27*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:38	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	15.0		2.00	1	04/20/2020 01:21	WG1462650
Barium	48.0		0.500	1	04/20/2020 01:21	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:21	WG1462650
Chromium	5.94		1.00	1	04/20/2020 01:21	WG1462650
Lead	9.21		0.500	1	04/20/2020 01:21	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:21	WG1462650
Silver	ND		1.00	1	04/20/2020 01:21	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 15:31	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 15:31	WG1462235
Benzene	ND		0.0250	1	04/17/2020 15:31	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 15:31	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
Bromoform	ND		0.625	1	04/17/2020 15:31	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 15:31	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 15:31	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 15:31	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 15:31	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 15:31	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 15:31	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 15:31	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 15:31	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 15:31	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 15:31	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 15:31	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 15:31	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 15:31	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 15:31	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 15:31	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 15:31	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 15:31	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 15:31	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 15:31	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 15:31	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 15:31	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 15:31	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 15:31	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 15:31	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 15:31	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 15:31	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 15:31	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 15:31	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 15:31	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 15:31	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 15:31	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 15:31	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 15:31	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 15:31	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 15:31	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 15:31	WG1462235
Propene	ND		1.25	1	04/17/2020 15:31	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
Styrene	ND		0.313	1	04/17/2020 15:31	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 15:31	WG1462235
Toluene	ND		0.125	1	04/17/2020 15:31	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 15:31	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 15:31	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 15:31	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 15:31	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 15:31	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 15:31	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 15:31	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 15:31	WG1462235
(S) Toluene-d8	*103*		*75.0-131*		*04/17/2020 15:31*	WG1462235
(S) 4-Bromofluorobenzene	*99.2*		*67.0-138*		*04/17/2020 15:31*	WG1462235
(S) 1,2-Dichloroethane-d4	*99.8*		*70.0-130*		*04/17/2020 15:31*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/21/2020 23:40	WG1462795
PCB 1221	ND		0.0340	1	04/21/2020 23:40	WG1462795
PCB 1232	ND		0.0340	1	04/21/2020 23:40	WG1462795
PCB 1242	ND		0.0340	1	04/21/2020 23:40	WG1462795
PCB 1248	ND		0.0170	1	04/21/2020 23:40	WG1462795
PCB 1254	ND		0.0170	1	04/21/2020 23:40	WG1462795
PCB 1260	ND		0.0170	1	04/21/2020 23:40	WG1462795
(S) Decachlorobiphenyl	*102*		*10.0-135*		*04/21/2020 23:40*	WG1462795
(S) Tetrachloro-m-xylene	*89.1*		*10.0-139*		*04/21/2020 23:40*	WG1462795

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Acenaphthene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Acenaphthylene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Benzo(a)anthracene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Benzo(a)pyrene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Benzo(b)fluoranthene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Benzo(g,h,i)perylene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Benzo(k)fluoranthene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Chrysene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Dibenz(a,h)anthracene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Fluoranthene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Fluorene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Naphthalene	ND		0.0204	1.02	04/20/2020 15:48	WG1463142
Phenanthrene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
Pyrene	ND		0.00612	1.02	04/20/2020 15:48	WG1463142
1-Methylnaphthalene	ND		0.0204	1.02	04/20/2020 15:48	WG1463142
2-Methylnaphthalene	ND		0.0204	1.02	04/20/2020 15:48	WG1463142
2-Chloronaphthalene	ND		0.0204	1.02	04/20/2020 15:48	WG1463142
(S) p-Terphenyl-d14	*73.1*		*23.0-120*		*04/20/2020 15:48*	WG1463142
(S) Nitrobenzene-d5	*83.9*		*14.0-149*		*04/20/2020 15:48*	WG1463142
(S) 2-Fluorobiphenyl	*74.7*		*34.0-125*		*04/20/2020 15:48*	WG1463142

Sample Narrative:

L1209083-33 WG1463142: Dilution due to sample volume.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:41	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	14.5		2.00	1	04/20/2020 01:24	WG1462650
Barium	51.6		0.500	1	04/20/2020 01:24	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:24	WG1462650
Chromium	6.44		1.00	1	04/20/2020 01:24	WG1462650
Lead	10.1		0.500	1	04/20/2020 01:24	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:24	WG1462650
Silver	ND		1.00	1	04/20/2020 01:24	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/21/2020 19:58	WG1464100
Acrylonitrile	ND		0.313	1	04/21/2020 19:58	WG1464100
Benzene	ND		0.0250	1	04/21/2020 19:58	WG1464100
Bromobenzene	ND		0.313	1	04/21/2020 19:58	WG1464100
Bromodichloromethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
Bromoform	ND		0.625	1	04/21/2020 19:58	WG1464100
Bromomethane	ND		0.313	1	04/21/2020 19:58	WG1464100
1,3-Butadiene	ND	R7	0.625	1	04/21/2020 19:58	WG1464100
n-Butylbenzene	ND		0.313	1	04/21/2020 19:58	WG1464100
sec-Butylbenzene	ND		0.313	1	04/21/2020 19:58	WG1464100
tert-Butylbenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
Carbon disulfide	ND		0.313	1	04/21/2020 19:58	WG1464100
Carbon tetrachloride	ND		0.125	1	04/21/2020 19:58	WG1464100
Chlorobenzene	ND		0.0625	1	04/21/2020 19:58	WG1464100
Chlorodibromomethane	ND	L1	0.0625	1	04/21/2020 19:58	WG1464100
Chloroethane	ND		0.125	1	04/21/2020 19:58	WG1464100
Chloroform	ND		0.0625	1	04/21/2020 19:58	WG1464100
Chloromethane	ND		0.313	1	04/21/2020 19:58	WG1464100
2-Chlorotoluene	ND		0.0625	1	04/21/2020 19:58	WG1464100
4-Chlorotoluene	ND		0.125	1	04/21/2020 19:58	WG1464100
Cyclohexane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/21/2020 19:58	WG1464100
1,2-Dibromoethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
Dibromomethane	ND		0.125	1	04/21/2020 19:58	WG1464100
1,2-Dichlorobenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
1,3-Dichlorobenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
1,4-Dichlorobenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
Dichlorodifluoromethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,1-Dichloroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,2-Dichloroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,1-Dichloroethene	ND		0.0625	1	04/21/2020 19:58	WG1464100
cis-1,2-Dichloroethene	ND		0.0625	1	04/21/2020 19:58	WG1464100
trans-1,2-Dichloroethene	ND		0.125	1	04/21/2020 19:58	WG1464100
1,2-Dichloropropane	ND		0.125	1	04/21/2020 19:58	WG1464100
1,1-Dichloropropene	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,3-Dichloropropane	ND		0.125	1	04/21/2020 19:58	WG1464100
cis-1,3-Dichloropropene	ND		0.0625	1	04/21/2020 19:58	WG1464100
trans-1,3-Dichloropropene	ND		0.125	1	04/21/2020 19:58	WG1464100
2,2-Dichloropropane	ND		0.0625	1	04/21/2020 19:58	WG1464100

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/21/2020 19:58	WG1464100
Di-isopropyl ether	ND		0.0250	1	04/21/2020 19:58	WG1464100
Ethylbenzene	ND		0.0625	1	04/21/2020 19:58	WG1464100
4-Ethyltoluene	ND		0.125	1	04/21/2020 19:58	WG1464100
Hexachloro-1,3-butadiene	ND		0.625	1	04/21/2020 19:58	WG1464100
n-Hexane	ND		0.125	1	04/21/2020 19:58	WG1464100
Isopropylbenzene	ND		0.0625	1	04/21/2020 19:58	WG1464100
p-Isopropyltoluene	ND		0.125	1	04/21/2020 19:58	WG1464100
2-Butanone (MEK)	ND		2.50	1	04/21/2020 19:58	WG1464100
Methylene Chloride	ND		0.625	1	04/21/2020 19:58	WG1464100
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/21/2020 19:58	WG1464100
Methyl tert-butyl ether	ND		0.0250	1	04/21/2020 19:58	WG1464100
Methyl Cyclohexane	ND		0.125	1	04/21/2020 19:58	WG1464100
Naphthalene	ND		0.313	1	04/21/2020 19:58	WG1464100
Propene	ND		1.25	1	04/21/2020 19:58	WG1464100
n-Propylbenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
Styrene	ND		0.313	1	04/21/2020 19:58	WG1464100
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
Tetrachloroethene	ND		0.0625	1	04/21/2020 19:58	WG1464100
Toluene	ND		0.125	1	04/21/2020 19:58	WG1464100
1,2,3-Trichlorobenzene	ND		0.313	1	04/21/2020 19:58	WG1464100
1,2,4-Trichlorobenzene	ND		0.313	1	04/21/2020 19:58	WG1464100
1,1,1-Trichloroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,1,2-Trichloroethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
Trichloroethene	ND		0.0250	1	04/21/2020 19:58	WG1464100
Trichlorofluoromethane	ND		0.0625	1	04/21/2020 19:58	WG1464100
1,2,3-Trichloropropane	ND		0.313	1	04/21/2020 19:58	WG1464100
1,2,4-Trimethylbenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
1,2,3-Trimethylbenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
1,3,5-Trimethylbenzene	ND		0.125	1	04/21/2020 19:58	WG1464100
Vinyl chloride	ND		0.0625	1	04/21/2020 19:58	WG1464100
Xylenes, Total	ND		0.163	1	04/21/2020 19:58	WG1464100
(S) Toluene-d8	*103*		*75.0-131*		*04/21/2020 19:58*	WG1464100
(S) 4-Bromofluorobenzene	*96.5*		*67.0-138*		*04/21/2020 19:58*	WG1464100
(S) 1,2-Dichloroethane-d4	*99.3*		*70.0-130*		*04/21/2020 19:58*	WG1464100

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 15:51	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 15:51	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 15:51	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 15:51	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 15:51	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 15:51	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 15:51	WG1463015
(S) Decachlorobiphenyl	*92.6*		*10.0-135*		*04/20/2020 15:51*	WG1463015
(S) Tetrachloro-m-xylene	*88.1*		*10.0-139*		*04/20/2020 15:51*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 16:08	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 16:08	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 16:08	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 16:08	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 16:08	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 16:08	WG1463142
(S) p-Terphenyl-d14	*72.7*		*23.0-120*		*04/20/2020 16:08*	WG1463142
(S) Nitrobenzene-d5	*83.5*		*14.0-149*		*04/20/2020 16:08*	WG1463142
(S) 2-Fluorobiphenyl	*74.7*		*34.0-125*		*04/20/2020 16:08*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:43	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.16		2.00	1	04/20/2020 17:28	WG1462656
Barium	67.8		0.500	1	04/20/2020 17:28	WG1462656
Cadmium	ND		0.500	1	04/20/2020 17:28	WG1462656
Chromium	7.44		1.00	1	04/20/2020 17:28	WG1462656
Lead	9.28		0.500	1	04/20/2020 17:28	WG1462656
Selenium	ND		2.00	1	04/20/2020 17:28	WG1462656
Silver	ND		1.00	1	04/20/2020 17:28	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:09	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 16:09	WG1462235
Benzene	ND		0.0250	1	04/17/2020 16:09	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 16:09	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
Bromoform	ND		0.625	1	04/17/2020 16:09	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 16:09	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 16:09	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 16:09	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:09	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 16:09	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 16:09	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 16:09	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 16:09	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 16:09	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 16:09	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 16:09	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:09	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:09	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 16:09	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:09	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:09	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:09	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:09	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:09	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:09	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:09	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:09	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:09	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:09	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 16:09	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:09	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:09	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 16:09	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:09	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:09	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:09	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 16:09	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:09	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:09	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:09	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 16:09	WG1462235
Propene	ND		1.25	1	04/17/2020 16:09	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
Styrene	ND		0.313	1	04/17/2020 16:09	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:09	WG1462235
Toluene	ND		0.125	1	04/17/2020 16:09	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:09	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:09	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 16:09	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:09	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:09	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:09	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 16:09	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 16:09	WG1462235
(S) Toluene-d8	*102*		*75.0-131*		*04/17/2020 16:09*	WG1462235
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/17/2020 16:09*	WG1462235
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 16:09*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 16:03	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 16:03	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 16:03	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 16:03	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 16:03	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 16:03	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 16:03	WG1463015
(S) Decachlorobiphenyl	*96.4*		*10.0-135*		*04/20/2020 16:03*	WG1463015
(S) Tetrachloro-m-xylene	*89.7*		*10.0-139*		*04/20/2020 16:03*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Acenaphthene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Acenaphthylene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Chrysene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Fluoranthene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Fluorene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Naphthalene	ND		0.0200	1	04/20/2020 16:29	WG1463142
Phenanthrene	ND		0.00600	1	04/20/2020 16:29	WG1463142
Pyrene	ND		0.00600	1	04/20/2020 16:29	WG1463142
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 16:29	WG1463142
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 16:29	WG1463142
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 16:29	WG1463142
(S) p-Terphenyl-d14	*74.7*		*23.0-120*		*04/20/2020 16:29*	WG1463142
(S) Nitrobenzene-d5	*84.6*		*14.0-149*		*04/20/2020 16:29*	WG1463142
(S) 2-Fluorobiphenyl	*76.6*		*34.0-125*		*04/20/2020 16:29*	WG1463142

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0448		0.0400	1	04/20/2020 18:45	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.20		2.00	1	04/20/2020 01:32	WG1462650
Barium	121		0.500	1	04/20/2020 01:32	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:32	WG1462650
Chromium	10.3		1.00	1	04/20/2020 01:32	WG1462650
Lead	27.5		0.500	1	04/20/2020 01:32	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:32	WG1462650
Silver	ND		1.00	1	04/20/2020 01:32	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:28	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 16:28	WG1462235
Benzene	ND		0.0250	1	04/17/2020 16:28	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 16:28	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
Bromoform	ND		0.625	1	04/17/2020 16:28	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 16:28	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 16:28	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 16:28	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:28	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 16:28	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 16:28	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 16:28	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 16:28	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 16:28	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 16:28	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 16:28	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:28	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:28	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 16:28	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:28	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:28	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:28	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:28	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:28	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:28	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:28	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:28	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:28	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:28	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 16:28	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:28	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:28	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 16:28	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:28	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:28	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:28	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 16:28	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:28	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:28	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:28	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 16:28	WG1462235
Propene	ND		1.25	1	04/17/2020 16:28	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
Styrene	ND		0.313	1	04/17/2020 16:28	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:28	WG1462235
Toluene	ND		0.125	1	04/17/2020 16:28	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:28	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:28	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 16:28	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:28	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:28	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:28	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 16:28	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 16:28	WG1462235
(S) Toluene-d8	*107*		*75.0-131*		*04/17/2020 16:28*	WG1462235
(S) 4-Bromofluorobenzene	*96.8*		*67.0-138*		*04/17/2020 16:28*	WG1462235
(S) 1,2-Dichloroethane-d4	*94.9*		*70.0-130*		*04/17/2020 16:28*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 16:15	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 16:15	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 16:15	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 16:15	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 16:15	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 16:15	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 16:15	WG1463015
(S) Decachlorobiphenyl	*101*		*10.0-135*		*04/20/2020 16:15*	WG1463015
(S) Tetrachloro-m-xylene	*93.7*		*10.0-139*		*04/20/2020 16:15*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	0.0188		0.00612	1.02	04/20/2020 18:12	WG1463142
Acenaphthene	ND		0.00612	1.02	04/20/2020 18:12	WG1463142
Acenaphthylene	0.0101		0.00612	1.02	04/20/2020 18:12	WG1463142
Benzo(a)anthracene	0.0259		0.00612	1.02	04/20/2020 18:12	WG1463142
Benzo(a)pyrene	0.0209		0.00612	1.02	04/20/2020 18:12	WG1463142
Benzo(b)fluoranthene	0.0531		0.00612	1.02	04/20/2020 18:12	WG1463142
Benzo(g,h,i)perylene	0.0317		0.00612	1.02	04/20/2020 18:12	WG1463142
Benzo(k)fluoranthene	0.0174		0.00612	1.02	04/20/2020 18:12	WG1463142
Chrysene	0.0310		0.00612	1.02	04/20/2020 18:12	WG1463142
Dibenz(a,h)anthracene	0.00674		0.00612	1.02	04/20/2020 18:12	WG1463142
Fluoranthene	0.0439		0.00612	1.02	04/20/2020 18:12	WG1463142
Fluorene	ND		0.00612	1.02	04/20/2020 18:12	WG1463142
Indeno(1,2,3-cd)pyrene	0.0229		0.00612	1.02	04/20/2020 18:12	WG1463142
Naphthalene	ND		0.0204	1.02	04/20/2020 18:12	WG1463142
Phenanthrene	0.00936		0.00612	1.02	04/20/2020 18:12	WG1463142
Pyrene	0.0561		0.00612	1.02	04/20/2020 18:12	WG1463142
1-Methylnaphthalene	ND		0.0204	1.02	04/20/2020 18:12	WG1463142
2-Methylnaphthalene	ND		0.0204	1.02	04/20/2020 18:12	WG1463142
2-Chloronaphthalene	ND		0.0204	1.02	04/20/2020 18:12	WG1463142
(S) p-Terphenyl-d14	*64.0*		*23.0-120*		*04/20/2020 18:12*	WG1463142
(S) Nitrobenzene-d5	*73.2*		*14.0-149*		*04/20/2020 18:12*	WG1463142
(S) 2-Fluorobiphenyl	*67.1*		*34.0-125*		*04/20/2020 18:12*	WG1463142

Sample Narrative:

L1209083-36 WG1463142: Dilution due to sample volume.

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 17:53	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.74		2.00	1	04/20/2020 01:35	WG1462650
Barium	107		0.500	1	04/20/2020 01:35	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:35	WG1462650
Chromium	11.6		1.00	1	04/20/2020 01:35	WG1462650
Lead	17.7		0.500	1	04/20/2020 01:35	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:35	WG1462650
Silver	ND		1.00	1	04/20/2020 01:35	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:48	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 16:48	WG1462235
Benzene	ND		0.0250	1	04/17/2020 16:48	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 16:48	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
Bromoform	ND		0.625	1	04/17/2020 16:48	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 16:48	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 16:48	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 16:48	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:48	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 16:48	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 16:48	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 16:48	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 16:48	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 16:48	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 16:48	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 16:48	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:48	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:48	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 16:48	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:48	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:48	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:48	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:48	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:48	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:48	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:48	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:48	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:48	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:48	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 16:48	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:48	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:48	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 16:48	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:48	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:48	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:48	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 16:48	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:48	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:48	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:48	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 16:48	WG1462235
Propene	ND		1.25	1	04/17/2020 16:48	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
Styrene	ND		0.313	1	04/17/2020 16:48	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:48	WG1462235
Toluene	ND		0.125	1	04/17/2020 16:48	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:48	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:48	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 16:48	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:48	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:48	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:48	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 16:48	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 16:48	WG1462235
(S) Toluene-d8	*107*		*75.0-131*		*04/17/2020 16:48*	WG1462235
(S) 4-Bromofluorobenzene	*95.9*		*67.0-138*		*04/17/2020 16:48*	WG1462235
(S) 1,2-Dichloroethane-d4	*98.8*		*70.0-130*		*04/17/2020 16:48*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 16:28	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 16:28	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 16:28	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 16:28	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 16:28	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 16:28	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 16:28	WG1463015
(S) Decachlorobiphenyl	*91.3*		*10.0-135*		*04/20/2020 16:28*	WG1463015
(S) Tetrachloro-m-xylene	*83.2*		*10.0-139*		*04/20/2020 16:28*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 17:50	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 17:50	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 17:50	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 17:50	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 17:50	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 17:50	WG1463281
(S) p-Terphenyl-d14	*47.0*		*23.0-120*		*04/20/2020 17:50*	WG1463281
(S) Nitrobenzene-d5	*47.0*		*14.0-149*		*04/20/2020 17:50*	WG1463281
(S) 2-Fluorobiphenyl	*46.3*		*34.0-125*		*04/20/2020 17:50*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:48	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.59		2.00	1	04/20/2020 01:38	WG1462650
Barium	131		0.500	1	04/20/2020 01:38	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:38	WG1462650
Chromium	11.0		1.00	1	04/20/2020 01:38	WG1462650
Lead	17.1		0.500	1	04/20/2020 01:38	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:38	WG1462650
Silver	ND		1.00	1	04/20/2020 01:38	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 17:07	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 17:07	WG1462235
Benzene	ND		0.0250	1	04/17/2020 17:07	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 17:07	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
Bromoform	ND		0.625	1	04/17/2020 17:07	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 17:07	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 17:07	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 17:07	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 17:07	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 17:07	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 17:07	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 17:07	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 17:07	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 17:07	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 17:07	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 17:07	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 17:07	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 17:07	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 17:07	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 17:07	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 17:07	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 17:07	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 17:07	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 17:07	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 17:07	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 17:07	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 17:07	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 17:07	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 17:07	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 17:07	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 17:07	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 17:07	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 17:07	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 17:07	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 17:07	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 17:07	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 17:07	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 17:07	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 17:07	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 17:07	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 17:07	WG1462235
Propene	ND		1.25	1	04/17/2020 17:07	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
Styrene	ND		0.313	1	04/17/2020 17:07	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 17:07	WG1462235
Toluene	ND		0.125	1	04/17/2020 17:07	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 17:07	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 17:07	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 17:07	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 17:07	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 17:07	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 17:07	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 17:07	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 17:07	WG1462235
(S) Toluene-d8	*104*		*75.0-131*		*04/17/2020 17:07*	WG1462235
(S) 4-Bromofluorobenzene	*96.9*		*67.0-138*		*04/17/2020 17:07*	WG1462235
(S) 1,2-Dichloroethane-d4	*97.3*		*70.0-130*		*04/17/2020 17:07*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 15:13	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 15:13	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 15:13	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 15:13	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 15:13	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 15:13	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 15:13	WG1463015
(S) Decachlorobiphenyl	*81.6*		*10.0-135*		*04/20/2020 15:13*	WG1463015
(S) Tetrachloro-m-xylene	*80.7*		*10.0-139*		*04/20/2020 15:13*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 18:11	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 18:11	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 18:11	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 18:11	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 18:11	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 18:11	WG1463281
(S) p-Terphenyl-d14	*47.0*		*23.0-120*		*04/20/2020 18:11*	WG1463281
(S) Nitrobenzene-d5	*43.5*		*14.0-149*		*04/20/2020 18:11*	WG1463281
(S) 2-Fluorobiphenyl	*44.1*		*34.0-125*		*04/20/2020 18:11*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:50	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	4.59		2.00	1	04/20/2020 01:40	WG1462650
Barium	173		0.500	1	04/20/2020 01:40	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:40	WG1462650
Chromium	13.3		1.00	1	04/20/2020 01:40	WG1462650
Lead	18.3		0.500	1	04/20/2020 01:40	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:40	WG1462650
Silver	ND		1.00	1	04/20/2020 01:40	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 17:26	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 17:26	WG1462235
Benzene	ND		0.0250	1	04/17/2020 17:26	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 17:26	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
Bromoform	ND		0.625	1	04/17/2020 17:26	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 17:26	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 17:26	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 17:26	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 17:26	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 17:26	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 17:26	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 17:26	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 17:26	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 17:26	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 17:26	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 17:26	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 17:26	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 17:26	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 17:26	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 17:26	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 17:26	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 17:26	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 17:26	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 17:26	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 17:26	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 17:26	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 17:26	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 17:26	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 17:26	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 17:26	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 17:26	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 17:26	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 17:26	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 17:26	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 17:26	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 17:26	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 17:26	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 17:26	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 17:26	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 17:26	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 17:26	WG1462235
Propene	ND		1.25	1	04/17/2020 17:26	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
Styrene	ND		0.313	1	04/17/2020 17:26	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 17:26	WG1462235
Toluene	ND		0.125	1	04/17/2020 17:26	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 17:26	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 17:26	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 17:26	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 17:26	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 17:26	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 17:26	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 17:26	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 17:26	WG1462235
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 17:26*	WG1462235
(S) 4-Bromofluorobenzene	*96.6*		*67.0-138*		*04/17/2020 17:26*	WG1462235
(S) 1,2-Dichloroethane-d4	*97.8*		*70.0-130*		*04/17/2020 17:26*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 16:40	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 16:40	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 16:40	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 16:40	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 16:40	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 16:40	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 16:40	WG1463015
(S) Decachlorobiphenyl	*90.5*		*10.0-135*		*04/20/2020 16:40*	WG1463015
(S) Tetrachloro-m-xylene	*82.3*		*10.0-139*		*04/20/2020 16:40*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 18:31	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 18:31	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 18:31	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 18:31	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 18:31	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 18:31	WG1463281
(S) p-Terphenyl-d14	*43.0*		*23.0-120*		*04/20/2020 18:31*	WG1463281
(S) Nitrobenzene-d5	*40.0*		*14.0-149*		*04/20/2020 18:31*	WG1463281
(S) 2-Fluorobiphenyl	*44.7*		*34.0-125*		*04/20/2020 18:31*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 18:52	WG1463118

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.15		2.00	1	04/20/2020 01:43	WG1462650
Barium	25.8		0.500	1	04/20/2020 01:43	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:43	WG1462650
Chromium	3.92		1.00	1	04/20/2020 01:43	WG1462650
Lead	5.04		0.500	1	04/20/2020 01:43	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:43	WG1462650
Silver	ND		1.00	1	04/20/2020 01:43	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 17:45	WG1462235
Acrylonitrile	ND		0.313	1	04/17/2020 17:45	WG1462235
Benzene	ND		0.0250	1	04/17/2020 17:45	WG1462235
Bromobenzene	ND		0.313	1	04/17/2020 17:45	WG1462235
Bromodichloromethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
Bromoform	ND		0.625	1	04/17/2020 17:45	WG1462235
Bromomethane	ND		0.313	1	04/17/2020 17:45	WG1462235
1,3-Butadiene	ND		0.625	1	04/17/2020 17:45	WG1462235
n-Butylbenzene	ND		0.313	1	04/17/2020 17:45	WG1462235
sec-Butylbenzene	ND		0.313	1	04/17/2020 17:45	WG1462235
tert-Butylbenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
Carbon disulfide	ND		0.313	1	04/17/2020 17:45	WG1462235
Carbon tetrachloride	ND		0.125	1	04/17/2020 17:45	WG1462235
Chlorobenzene	ND		0.0625	1	04/17/2020 17:45	WG1462235
Chlorodibromomethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
Chloroethane	ND		0.125	1	04/17/2020 17:45	WG1462235
Chloroform	ND		0.0625	1	04/17/2020 17:45	WG1462235
Chloromethane	ND		0.313	1	04/17/2020 17:45	WG1462235
2-Chlorotoluene	ND	R7	0.0625	1	04/17/2020 17:45	WG1462235
4-Chlorotoluene	ND		0.125	1	04/17/2020 17:45	WG1462235
Cyclohexane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 17:45	WG1462235
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
Dibromomethane	ND		0.125	1	04/17/2020 17:45	WG1462235
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 17:45	WG1462235
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 17:45	WG1462235
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 17:45	WG1462235
1,2-Dichloropropane	ND		0.125	1	04/17/2020 17:45	WG1462235
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,3-Dichloropropane	ND		0.125	1	04/17/2020 17:45	WG1462235
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 17:45	WG1462235
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 17:45	WG1462235
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 17:45	WG1462235

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 17:45	WG1462235
Di-isopropyl ether	ND		0.0250	1	04/17/2020 17:45	WG1462235
Ethylbenzene	ND		0.0625	1	04/17/2020 17:45	WG1462235
4-Ethyltoluene	ND		0.125	1	04/17/2020 17:45	WG1462235
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 17:45	WG1462235
n-Hexane	ND		0.125	1	04/17/2020 17:45	WG1462235
Isopropylbenzene	ND		0.0625	1	04/17/2020 17:45	WG1462235
p-Isopropyltoluene	ND		0.125	1	04/17/2020 17:45	WG1462235
2-Butanone (MEK)	ND		2.50	1	04/17/2020 17:45	WG1462235
Methylene Chloride	ND	L1	0.625	1	04/17/2020 17:45	WG1462235
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 17:45	WG1462235
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 17:45	WG1462235
Methyl Cyclohexane	ND		0.125	1	04/17/2020 17:45	WG1462235
Naphthalene	ND		0.313	1	04/17/2020 17:45	WG1462235
Propene	ND		1.25	1	04/17/2020 17:45	WG1462235
n-Propylbenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
Styrene	ND		0.313	1	04/17/2020 17:45	WG1462235
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,1,2-Trichlorotrifluoroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
Tetrachloroethene	ND		0.0625	1	04/17/2020 17:45	WG1462235
Toluene	ND		0.125	1	04/17/2020 17:45	WG1462235
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 17:45	WG1462235
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 17:45	WG1462235
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
Trichloroethene	ND		0.0250	1	04/17/2020 17:45	WG1462235
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 17:45	WG1462235
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 17:45	WG1462235
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 17:45	WG1462235
Vinyl chloride	ND		0.0625	1	04/17/2020 17:45	WG1462235
Xylenes, Total	ND		0.163	1	04/17/2020 17:45	WG1462235
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 17:45*	WG1462235
(S) 4-Bromofluorobenzene	*97.6*		*67.0-138*		*04/17/2020 17:45*	WG1462235
(S) 1,2-Dichloroethane-d4	*100*		*70.0-130*		*04/17/2020 17:45*	WG1462235

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 16:53	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 16:53	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 16:53	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 16:53	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 16:53	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 16:53	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 16:53	WG1463015
(S) Decachlorobiphenyl	*107*		*10.0-135*		*04/20/2020 16:53*	WG1463015
(S) Tetrachloro-m-xylene	*97.2*		*10.0-139*		*04/20/2020 16:53*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 18:52	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 18:52	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 18:52	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 18:52	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 18:52	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 18:52	WG1463281
(S) p-Terphenyl-d14	*64.1*		*23.0-120*		*04/20/2020 18:52*	WG1463281
(S) Nitrobenzene-d5	*51.0*		*14.0-149*		*04/20/2020 18:52*	WG1463281
(S) 2-Fluorobiphenyl	*52.8*		*34.0-125*		*04/20/2020 18:52*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:11	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.43		2.00	1	04/20/2020 01:46	WG1462650
Barium	69.4		0.500	1	04/20/2020 01:46	WG1462650
Cadmium	ND		0.500	1	04/20/2020 01:46	WG1462650
Chromium	11.7		1.00	1	04/20/2020 01:46	WG1462650
Lead	7.04		0.500	1	04/20/2020 01:46	WG1462650
Selenium	ND		2.00	1	04/20/2020 01:46	WG1462650
Silver	ND		1.00	1	04/20/2020 01:46	WG1462650

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 11:09	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 11:09	WG1462237
Benzene	ND		0.0250	1	04/17/2020 11:09	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 11:09	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
Bromoform	ND		0.625	1	04/17/2020 11:09	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 11:09	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 11:09	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 11:09	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 11:09	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 11:09	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 11:09	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 11:09	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 11:09	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 11:09	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 11:09	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 11:09	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 11:09	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 11:09	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 11:09	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 11:09	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 11:09	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 11:09	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 11:09	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 11:09	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 11:09	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 11:09	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 11:09	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 11:09	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 11:09	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 11:09	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 11:09	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 11:09	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 11:09	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 11:09	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 11:09	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 11:09	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 11:09	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 11:09	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 11:09	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 11:09	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 11:09	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 11:09	WG1462237
Propene	ND		1.25	1	04/17/2020 11:09	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
Styrene	ND		0.313	1	04/17/2020 11:09	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 11:09	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 11:09	WG1462237
Toluene	ND		0.125	1	04/17/2020 11:09	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 11:09	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 11:09	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 11:09	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 11:09	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 11:09	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 11:09	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 11:09	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 11:09	WG1462237
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 11:09*	WG1462237
(S) 4-Bromofluorobenzene	*99.5*		*67.0-138*		*04/17/2020 11:09*	WG1462237
(S) 1,2-Dichloroethane-d4	*91.4*		*70.0-130*		*04/17/2020 11:09*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 17:05	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 17:05	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 17:05	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 17:05	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 17:05	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 17:05	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 17:05	WG1463015
(S) Decachlorobiphenyl	*115*		*10.0-135*		*04/20/2020 17:05*	WG1463015
(S) Tetrachloro-m-xylene	*103*		*10.0-139*		*04/20/2020 17:05*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 19:13	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 19:13	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 19:13	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 19:13	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 19:13	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 19:13	WG1463281
(S) p-Terphenyl-d14	*67.4*		*23.0-120*		*04/20/2020 19:13*	WG1463281
(S) Nitrobenzene-d5	*56.8*		*14.0-149*		*04/20/2020 19:13*	WG1463281
(S) 2-Fluorobiphenyl	*57.8*		*34.0-125*		*04/20/2020 19:13*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:14	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.44		2.00	1	04/20/2020 17:42	WG1462656
Barium	108		0.500	1	04/20/2020 17:42	WG1462656
Cadmium	ND		0.500	1	04/20/2020 17:42	WG1462656
Chromium	12.5		1.00	1	04/20/2020 17:42	WG1462656
Lead	14.5		0.500	1	04/20/2020 17:42	WG1462656
Selenium	ND		2.00	1	04/20/2020 17:42	WG1462656
Silver	ND		1.00	1	04/20/2020 17:42	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 11:30	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 11:30	WG1462237
Benzene	ND		0.0250	1	04/17/2020 11:30	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 11:30	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
Bromoform	ND		0.625	1	04/17/2020 11:30	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 11:30	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 11:30	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 11:30	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 11:30	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 11:30	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 11:30	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 11:30	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 11:30	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 11:30	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 11:30	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 11:30	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 11:30	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 11:30	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 11:30	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 11:30	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 11:30	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 11:30	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 11:30	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 11:30	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 11:30	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 11:30	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 11:30	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 11:30	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 11:30	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 11:30	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 11:30	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 11:30	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 11:30	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 11:30	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 11:30	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 11:30	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 11:30	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 11:30	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 11:30	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 11:30	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 11:30	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 11:30	WG1462237
Propene	ND		1.25	1	04/17/2020 11:30	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
Styrene	ND		0.313	1	04/17/2020 11:30	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 11:30	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 11:30	WG1462237
Toluene	ND		0.125	1	04/17/2020 11:30	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 11:30	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 11:30	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 11:30	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 11:30	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 11:30	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 11:30	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 11:30	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 11:30	WG1462237
(S) Toluene-d8	*106*		*75.0-131*		*04/17/2020 11:30*	WG1462237
(S) 4-Bromofluorobenzene	*101*		*67.0-138*		*04/17/2020 11:30*	WG1462237
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 11:30*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 17:18	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 17:18	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 17:18	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 17:18	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 17:18	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 17:18	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 17:18	WG1463015
(S) Decachlorobiphenyl	*62.0*		*10.0-135*		*04/20/2020 17:18*	WG1463015
(S) Tetrachloro-m-xylene	*66.5*		*10.0-139*		*04/20/2020 17:18*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Acenaphthene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Acenaphthylene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Benzo(a)anthracene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Benzo(a)pyrene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Benzo(b)fluoranthene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Benzo(g,h,i)perylene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Benzo(k)fluoranthene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Chrysene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Dibenz(a,h)anthracene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Fluoranthene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Fluorene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Indeno(1,2,3-cd)pyrene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Naphthalene	ND		0.0202	1.01	04/21/2020 00:02	WG1463450
Phenanthrene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
Pyrene	ND		0.00606	1.01	04/21/2020 00:02	WG1463450
1-Methylnaphthalene	ND		0.0202	1.01	04/21/2020 00:02	WG1463450
2-Methylnaphthalene	ND		0.0202	1.01	04/21/2020 00:02	WG1463450
2-Chloronaphthalene	ND		0.0202	1.01	04/21/2020 00:02	WG1463450
(S) p-Terphenyl-d14	*88.2*		*23.0-120*		*04/21/2020 00:02*	WG1463450
(S) Nitrobenzene-d5	*123*		*14.0-149*		*04/21/2020 00:02*	WG1463450
(S) 2-Fluorobiphenyl	*86.6*		*34.0-125*		*04/21/2020 00:02*	WG1463450

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:16	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	5.14		2.00	1	04/20/2020 17:45	WG1462656
Barium	116		0.500	1	04/20/2020 17:45	WG1462656
Cadmium	ND		0.500	1	04/20/2020 17:45	WG1462656
Chromium	10.3		1.00	1	04/20/2020 17:45	WG1462656
Lead	22.7		0.500	1	04/20/2020 17:45	WG1462656
Selenium	ND		2.00	1	04/20/2020 17:45	WG1462656
Silver	ND		1.00	1	04/20/2020 17:45	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 11:51	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 11:51	WG1462237
Benzene	ND		0.0250	1	04/17/2020 11:51	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 11:51	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
Bromoform	ND		0.625	1	04/17/2020 11:51	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 11:51	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 11:51	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 11:51	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 11:51	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 11:51	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 11:51	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 11:51	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 11:51	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 11:51	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 11:51	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 11:51	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 11:51	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 11:51	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 11:51	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 11:51	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 11:51	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 11:51	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 11:51	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 11:51	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 11:51	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 11:51	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 11:51	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 11:51	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 11:51	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 11:51	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 11:51	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 11:51	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 11:51	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 11:51	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 11:51	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 11:51	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 11:51	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 11:51	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 11:51	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 11:51	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 11:51	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 11:51	WG1462237
Propene	ND		1.25	1	04/17/2020 11:51	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
Styrene	ND		0.313	1	04/17/2020 11:51	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 11:51	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 11:51	WG1462237
Toluene	ND		0.125	1	04/17/2020 11:51	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 11:51	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 11:51	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 11:51	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 11:51	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 11:51	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 11:51	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 11:51	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 11:51	WG1462237
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 11:51*	WG1462237
(S) 4-Bromofluorobenzene	*95.8*		*67.0-138*		*04/17/2020 11:51*	WG1462237
(S) 1,2-Dichloroethane-d4	*96.1*		*70.0-130*		*04/17/2020 11:51*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 17:30	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 17:30	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 17:30	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 17:30	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 17:30	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 17:30	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 17:30	WG1463015
(S) Decachlorobiphenyl	*113*		*10.0-135*		*04/20/2020 17:30*	WG1463015
(S) Tetrachloro-m-xylene	*83.1*		*10.0-139*		*04/20/2020 17:30*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Benzo(b)fluoranthene	0.0109		0.00600	1	04/20/2020 20:15	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Chrysene	0.00603		0.00600	1	04/20/2020 20:15	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Fluoranthene	0.00876		0.00600	1	04/20/2020 20:15	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 20:15	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 20:15	WG1463281
Pyrene	0.00998		0.00600	1	04/20/2020 20:15	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 20:15	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 20:15	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 20:15	WG1463281
(S) p-Terphenyl-d14	*41.7*		*23.0-120*		*04/20/2020 20:15*	WG1463281
(S) Nitrobenzene-d5	*40.4*		*14.0-149*		*04/20/2020 20:15*	WG1463281
(S) 2-Fluorobiphenyl	*39.8*		*34.0-125*		*04/20/2020 20:15*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:18	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	7.49		2.00	1	04/20/2020 17:48	WG1462656
Barium	95.5		0.500	1	04/20/2020 17:48	WG1462656
Cadmium	ND		0.500	1	04/20/2020 17:48	WG1462656
Chromium	11.0		1.00	1	04/20/2020 17:48	WG1462656
Lead	17.9		0.500	1	04/20/2020 17:48	WG1462656
Selenium	ND		2.00	1	04/20/2020 17:48	WG1462656
Silver	ND		1.00	1	04/20/2020 17:48	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 12:11	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 12:11	WG1462237
Benzene	ND		0.0250	1	04/17/2020 12:11	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 12:11	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
Bromoform	ND		0.625	1	04/17/2020 12:11	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 12:11	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 12:11	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 12:11	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 12:11	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 12:11	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 12:11	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 12:11	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 12:11	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 12:11	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 12:11	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 12:11	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 12:11	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 12:11	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 12:11	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 12:11	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 12:11	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 12:11	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 12:11	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 12:11	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 12:11	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 12:11	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 12:11	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 12:11	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 12:11	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 12:11	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 12:11	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 12:11	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 12:11	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 12:11	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 12:11	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 12:11	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 12:11	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 12:11	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 12:11	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 12:11	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 12:11	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 12:11	WG1462237
Propene	ND		1.25	1	04/17/2020 12:11	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
Styrene	ND		0.313	1	04/17/2020 12:11	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 12:11	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 12:11	WG1462237
Toluene	ND		0.125	1	04/17/2020 12:11	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 12:11	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 12:11	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 12:11	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 12:11	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 12:11	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 12:11	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 12:11	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 12:11	WG1462237
(S) Toluene-d8	*102*		*75.0-131*		*04/17/2020 12:11*	WG1462237
(S) 4-Bromofluorobenzene	*96.9*		*67.0-138*		*04/17/2020 12:11*	WG1462237
(S) 1,2-Dichloroethane-d4	*101*		*70.0-130*		*04/17/2020 12:11*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 17:43	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 17:43	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 17:43	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 17:43	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 17:43	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 17:43	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 17:43	WG1463015
(S) Decachlorobiphenyl	*90.1*		*10.0-135*		*04/20/2020 17:43*	WG1463015
(S) Tetrachloro-m-xylene	*81.7*		*10.0-139*		*04/20/2020 17:43*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 20:36	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 20:36	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 20:36	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 20:36	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 20:36	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 20:36	WG1463281
(S) p-Terphenyl-d14	*40.4*		*23.0-120*		*04/20/2020 20:36*	WG1463281
(S) Nitrobenzene-d5	*38.1*		*14.0-149*		*04/20/2020 20:36*	WG1463281
(S) 2-Fluorobiphenyl	*38.7*		*34.0-125*		*04/20/2020 20:36*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:21	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.04		2.00	1	04/20/2020 17:57	WG1462656
Barium	109		0.500	1	04/20/2020 17:57	WG1462656
Cadmium	ND		0.500	1	04/20/2020 17:57	WG1462656
Chromium	12.8		1.00	1	04/20/2020 17:57	WG1462656
Lead	20.2		0.500	1	04/20/2020 17:57	WG1462656
Selenium	ND		2.00	1	04/20/2020 17:57	WG1462656
Silver	ND		1.00	1	04/20/2020 17:57	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:13	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 16:13	WG1462237
Benzene	ND		0.0250	1	04/17/2020 16:13	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 16:13	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
Bromoform	ND		0.625	1	04/17/2020 16:13	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 16:13	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 16:13	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 16:13	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:13	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 16:13	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 16:13	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 16:13	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 16:13	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 16:13	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 16:13	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 16:13	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 16:13	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:13	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:13	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 16:13	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:13	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:13	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:13	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:13	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:13	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:13	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:13	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:13	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:13	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:13	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 16:13	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:13	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:13	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 16:13	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:13	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:13	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:13	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 16:13	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:13	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:13	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:13	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 16:13	WG1462237
Propene	ND		1.25	1	04/17/2020 16:13	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
Styrene	ND		0.313	1	04/17/2020 16:13	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 16:13	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:13	WG1462237
Toluene	ND		0.125	1	04/17/2020 16:13	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:13	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:13	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 16:13	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:13	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:13	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:13	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 16:13	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 16:13	WG1462237
(S) Toluene-d8	*109*		*75.0-131*		*04/17/2020 16:13*	WG1462237
(S) 4-Bromofluorobenzene	*105*		*67.0-138*		*04/17/2020 16:13*	WG1462237
(S) 1,2-Dichloroethane-d4	*99.4*		*70.0-130*		*04/17/2020 16:13*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 17:55	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 17:55	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 17:55	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 17:55	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 17:55	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 17:55	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 17:55	WG1463015
(S) Decachlorobiphenyl	*91.0*		*10.0-135*		*04/20/2020 17:55*	WG1463015
(S) Tetrachloro-m-xylene	*83.7*		*10.0-139*		*04/20/2020 17:55*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 20:57	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 20:57	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 20:57	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 20:57	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 20:57	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 20:57	WG1463281
(S) p-Terphenyl-d14	*37.5*		*23.0-120*		*04/20/2020 20:57*	WG1463281
(S) Nitrobenzene-d5	*38.0*		*14.0-149*		*04/20/2020 20:57*	WG1463281
(S) 2-Fluorobiphenyl	*38.0*		*34.0-125*		*04/20/2020 20:57*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:23	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	13.0		2.00	1	04/20/2020 18:00	WG1462656
Barium	106		0.500	1	04/20/2020 18:00	WG1462656
Cadmium	ND		0.500	1	04/20/2020 18:00	WG1462656
Chromium	15.8		1.00	1	04/20/2020 18:00	WG1462656
Lead	16.9		0.500	1	04/20/2020 18:00	WG1462656
Selenium	ND		2.00	1	04/20/2020 18:00	WG1462656
Silver	ND		1.00	1	04/20/2020 18:00	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:34	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 16:34	WG1462237
Benzene	ND		0.0250	1	04/17/2020 16:34	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 16:34	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
Bromoform	ND		0.625	1	04/17/2020 16:34	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 16:34	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 16:34	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 16:34	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:34	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 16:34	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 16:34	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 16:34	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 16:34	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 16:34	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 16:34	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 16:34	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 16:34	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:34	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:34	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 16:34	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:34	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:34	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:34	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:34	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:34	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:34	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:34	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:34	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:34	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:34	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 16:34	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:34	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:34	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 16:34	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:34	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:34	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:34	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 16:34	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:34	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:34	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:34	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 16:34	WG1462237
Propene	ND		1.25	1	04/17/2020 16:34	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
Styrene	ND		0.313	1	04/17/2020 16:34	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 16:34	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:34	WG1462237
Toluene	ND		0.125	1	04/17/2020 16:34	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:34	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:34	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 16:34	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:34	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:34	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:34	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 16:34	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 16:34	WG1462237
(S) Toluene-d8	*105*		*75.0-131*		*04/17/2020 16:34*	WG1462237
(S) 4-Bromofluorobenzene	*96.9*		*67.0-138*		*04/17/2020 16:34*	WG1462237
(S) 1,2-Dichloroethane-d4	*94.6*		*70.0-130*		*04/17/2020 16:34*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 18:08	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 18:08	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 18:08	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 18:08	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 18:08	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 18:08	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 18:08	WG1463015
(S) Decachlorobiphenyl	*100*		*10.0-135*		*04/20/2020 18:08*	WG1463015
(S) Tetrachloro-m-xylene	*87.2*		*10.0-139*		*04/20/2020 18:08*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 21:17	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 21:17	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 21:17	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 21:17	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 21:17	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 21:17	WG1463281
(S) p-Terphenyl-d14	*54.0*		*23.0-120*		*04/20/2020 21:17*	WG1463281
(S) Nitrobenzene-d5	*45.6*		*14.0-149*		*04/20/2020 21:17*	WG1463281
(S) 2-Fluorobiphenyl	*45.1*		*34.0-125*		*04/20/2020 21:17*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:26	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	13.0		2.00	1	04/20/2020 18:03	WG1462656
Barium	108		0.500	1	04/20/2020 18:03	WG1462656
Cadmium	ND		0.500	1	04/20/2020 18:03	WG1462656
Chromium	17.3		1.00	1	04/20/2020 18:03	WG1462656
Lead	16.9		0.500	1	04/20/2020 18:03	WG1462656
Selenium	ND		2.00	1	04/20/2020 18:03	WG1462656
Silver	ND		1.00	1	04/20/2020 18:03	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 16:54	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 16:54	WG1462237
Benzene	ND		0.0250	1	04/17/2020 16:54	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 16:54	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
Bromoform	ND		0.625	1	04/17/2020 16:54	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 16:54	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 16:54	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 16:54	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 16:54	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 16:54	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 16:54	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 16:54	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 16:54	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 16:54	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 16:54	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 16:54	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 16:54	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 16:54	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 16:54	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 16:54	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 16:54	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 16:54	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 16:54	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 16:54	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 16:54	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 16:54	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 16:54	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 16:54	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 16:54	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 16:54	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 16:54	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 16:54	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 16:54	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 16:54	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 16:54	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 16:54	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 16:54	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 16:54	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 16:54	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 16:54	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 16:54	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 16:54	WG1462237
Propene	ND		1.25	1	04/17/2020 16:54	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
Styrene	ND		0.313	1	04/17/2020 16:54	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 16:54	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 16:54	WG1462237
Toluene	ND		0.125	1	04/17/2020 16:54	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 16:54	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 16:54	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 16:54	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 16:54	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 16:54	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 16:54	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 16:54	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 16:54	WG1462237
(S) Toluene-d8	*109*		*75.0-131*		*04/17/2020 16:54*	WG1462237
(S) 4-Bromofluorobenzene	*104*		*67.0-138*		*04/17/2020 16:54*	WG1462237
(S) 1,2-Dichloroethane-d4	*92.0*		*70.0-130*		*04/17/2020 16:54*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 18:20	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 18:20	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 18:20	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 18:20	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 18:20	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 18:20	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 18:20	WG1463015
(S) Decachlorobiphenyl	*94.8*		*10.0-135*		*04/20/2020 18:20*	WG1463015
(S) Tetrachloro-m-xylene	*83.5*		*10.0-139*		*04/20/2020 18:20*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 21:38	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 21:38	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 21:38	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 21:38	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 21:38	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 21:38	WG1463281
(S) p-Terphenyl-d14	*48.6*		*23.0-120*		*04/20/2020 21:38*	WG1463281
(S) Nitrobenzene-d5	*46.3*		*14.0-149*		*04/20/2020 21:38*	WG1463281
(S) 2-Fluorobiphenyl	*46.0*		*34.0-125*		*04/20/2020 21:38*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0324	.8108108	04/20/2020 19:33	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	3.04		2.00	1	04/20/2020 18:05	WG1462656
Barium	39.5		0.500	1	04/20/2020 18:05	WG1462656
Cadmium	ND		0.500	1	04/20/2020 18:05	WG1462656
Chromium	3.75		1.00	1	04/20/2020 18:05	WG1462656
Lead	4.92		0.500	1	04/20/2020 18:05	WG1462656
Selenium	ND		2.00	1	04/20/2020 18:05	WG1462656
Silver	ND		1.00	1	04/20/2020 18:05	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 17:14	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 17:14	WG1462237
Benzene	ND		0.0250	1	04/17/2020 17:14	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 17:14	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
Bromoform	ND		0.625	1	04/17/2020 17:14	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 17:14	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 17:14	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 17:14	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 17:14	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 17:14	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 17:14	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 17:14	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 17:14	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 17:14	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 17:14	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 17:14	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 17:14	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 17:14	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 17:14	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 17:14	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 17:14	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 17:14	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 17:14	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 17:14	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 17:14	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 17:14	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 17:14	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 17:14	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 17:14	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 17:14	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 17:14	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 17:14	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 17:14	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 17:14	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 17:14	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 17:14	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 17:14	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 17:14	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 17:14	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 17:14	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 17:14	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 17:14	WG1462237
Propene	ND		1.25	1	04/17/2020 17:14	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
Styrene	ND		0.313	1	04/17/2020 17:14	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 17:14	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 17:14	WG1462237
Toluene	ND		0.125	1	04/17/2020 17:14	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 17:14	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 17:14	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 17:14	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 17:14	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 17:14	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 17:14	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 17:14	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 17:14	WG1462237
(S) Toluene-d8	*109*		*75.0-131*		*04/17/2020 17:14*	WG1462237
(S) 4-Bromofluorobenzene	*103*		*67.0-138*		*04/17/2020 17:14*	WG1462237
(S) 1,2-Dichloroethane-d4	*96.8*		*70.0-130*		*04/17/2020 17:14*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 18:32	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 18:32	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 18:32	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 18:32	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 18:32	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 18:32	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 18:32	WG1463015
(S) Decachlorobiphenyl	*105*		*10.0-135*		*04/20/2020 18:32*	WG1463015
(S) Tetrachloro-m-xylene	*93.1*		*10.0-139*		*04/20/2020 18:32*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 21:59	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 21:59	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 21:59	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 21:59	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 21:59	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 21:59	WG1463281
(S) p-Terphenyl-d14	*61.8*		*23.0-120*		*04/20/2020 21:59*	WG1463281
(S) Nitrobenzene-d5	*53.1*		*14.0-149*		*04/20/2020 21:59*	WG1463281
(S) 2-Fluorobiphenyl	*51.4*		*34.0-125*		*04/20/2020 21:59*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:35	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	6.78		2.00	1	04/20/2020 18:08	WG1462656
Barium	79.2		0.500	1	04/20/2020 18:08	WG1462656
Cadmium	ND		0.500	1	04/20/2020 18:08	WG1462656
Chromium	7.48		1.00	1	04/20/2020 18:08	WG1462656
Lead	12.9		0.500	1	04/20/2020 18:08	WG1462656
Selenium	ND		2.00	1	04/20/2020 18:08	WG1462656
Silver	ND		1.00	1	04/20/2020 18:08	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 17:35	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 17:35	WG1462237
Benzene	ND		0.0250	1	04/17/2020 17:35	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 17:35	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
Bromoform	ND		0.625	1	04/17/2020 17:35	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 17:35	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 17:35	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 17:35	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 17:35	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 17:35	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 17:35	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 17:35	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 17:35	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 17:35	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 17:35	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 17:35	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 17:35	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 17:35	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 17:35	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 17:35	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 17:35	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 17:35	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 17:35	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 17:35	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 17:35	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 17:35	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 17:35	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 17:35	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 17:35	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 17:35	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 17:35	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 17:35	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 17:35	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 17:35	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 17:35	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 17:35	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 17:35	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 17:35	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 17:35	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 17:35	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 17:35	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 17:35	WG1462237
Propene	ND		1.25	1	04/17/2020 17:35	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
Styrene	ND		0.313	1	04/17/2020 17:35	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 17:35	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 17:35	WG1462237
Toluene	ND		0.125	1	04/17/2020 17:35	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 17:35	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 17:35	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 17:35	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 17:35	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 17:35	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 17:35	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 17:35	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 17:35	WG1462237
(S) Toluene-d8	*109*		*75.0-131*		*04/17/2020 17:35*	WG1462237
(S) 4-Bromofluorobenzene	*99.0*		*67.0-138*		*04/17/2020 17:35*	WG1462237
(S) 1,2-Dichloroethane-d4	*96.9*		*70.0-130*		*04/17/2020 17:35*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 18:45	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 18:45	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 18:45	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 18:45	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 18:45	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 18:45	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 18:45	WG1463015
(S) Decachlorobiphenyl	*117*		*10.0-135*		*04/20/2020 18:45*	WG1463015
(S) Tetrachloro-m-xylene	*102*		*10.0-139*		*04/20/2020 18:45*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Acenaphthene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Acenaphthylene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Benzo(a)anthracene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Benzo(a)pyrene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Benzo(b)fluoranthene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Benzo(g,h,i)perylene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Benzo(k)fluoranthene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Chrysene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Dibenz(a,h)anthracene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Fluoranthene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Fluorene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Naphthalene	ND		0.0200	1	04/20/2020 22:19	WG1463281
Phenanthrene	ND		0.00600	1	04/20/2020 22:19	WG1463281
Pyrene	ND		0.00600	1	04/20/2020 22:19	WG1463281
1-Methylnaphthalene	ND		0.0200	1	04/20/2020 22:19	WG1463281
2-Methylnaphthalene	ND		0.0200	1	04/20/2020 22:19	WG1463281
2-Chloronaphthalene	ND		0.0200	1	04/20/2020 22:19	WG1463281
(S) p-Terphenyl-d14	*58.9*		*23.0-120*		*04/20/2020 22:19*	WG1463281
(S) Nitrobenzene-d5	*52.8*		*14.0-149*		*04/20/2020 22:19*	WG1463281
(S) 2-Fluorobiphenyl	*53.6*		*34.0-125*		*04/20/2020 22:19*	WG1463281

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	ND		0.0400	1	04/20/2020 19:37	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	12.4		2.00	1	04/20/2020 18:11	WG1462656
Barium	863		0.500	1	04/20/2020 18:11	WG1462656
Cadmium	ND		0.500	1	04/20/2020 18:11	WG1462656
Chromium	9.53		1.00	1	04/20/2020 18:11	WG1462656
Lead	10.9		0.500	1	04/20/2020 18:11	WG1462656
Selenium	2.45		2.00	1	04/20/2020 18:11	WG1462656
Silver	ND		1.00	1	04/20/2020 18:11	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 17:55	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 17:55	WG1462237
Benzene	ND		0.0250	1	04/17/2020 17:55	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 17:55	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
Bromoform	ND		0.625	1	04/17/2020 17:55	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 17:55	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 17:55	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 17:55	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 17:55	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 17:55	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 17:55	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 17:55	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 17:55	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 17:55	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 17:55	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 17:55	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 17:55	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 17:55	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 17:55	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 17:55	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 17:55	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 17:55	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 17:55	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 17:55	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 17:55	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 17:55	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 17:55	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 17:55	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 17:55	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 17:55	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 17:55	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 17:55	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 17:55	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 17:55	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 17:55	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 17:55	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 17:55	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 17:55	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 17:55	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 17:55	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 17:55	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 17:55	WG1462237
Propene	ND		1.25	1	04/17/2020 17:55	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
Styrene	ND		0.313	1	04/17/2020 17:55	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 17:55	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 17:55	WG1462237
Toluene	ND		0.125	1	04/17/2020 17:55	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 17:55	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 17:55	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 17:55	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 17:55	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 17:55	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 17:55	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 17:55	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 17:55	WG1462237
(S) Toluene-d8	*106*		*75.0-131*		*04/17/2020 17:55*	WG1462237
(S) 4-Bromofluorobenzene	*95.9*		*67.0-138*		*04/17/2020 17:55*	WG1462237
(S) 1,2-Dichloroethane-d4	*96.4*		*70.0-130*		*04/17/2020 17:55*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 18:57	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 18:57	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 18:57	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 18:57	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 18:57	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 18:57	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 18:57	WG1463015
(S) Decachlorobiphenyl	*94.6*		*10.0-135*		*04/20/2020 18:57*	WG1463015
(S) Tetrachloro-m-xylene	*87.7*		*10.0-139*		*04/20/2020 18:57*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Acenaphthene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Acenaphthylene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Benzo(a)anthracene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Benzo(a)pyrene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Benzo(b)fluoranthene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Benzo(g,h,i)perylene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Benzo(k)fluoranthene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Chrysene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Dibenz(a,h)anthracene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Fluoranthene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Fluorene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Naphthalene	ND		0.0200	1	04/21/2020 17:25	WG1463856
Phenanthrene	ND		0.00600	1	04/21/2020 17:25	WG1463856
Pyrene	ND		0.00600	1	04/21/2020 17:25	WG1463856
1-Methylnaphthalene	ND		0.0200	1	04/21/2020 17:25	WG1463856
2-Methylnaphthalene	ND		0.0200	1	04/21/2020 17:25	WG1463856
2-Chloronaphthalene	ND		0.0200	1	04/21/2020 17:25	WG1463856
(S) p-Terphenyl-d14	*60.1*		*23.0-120*		*04/21/2020 17:25*	WG1463856
(S) Nitrobenzene-d5	*60.0*		*14.0-149*		*04/21/2020 17:25*	WG1463856
(S) 2-Fluorobiphenyl	*57.7*		*34.0-125*		*04/21/2020 17:25*	WG1463856

Mercury by Method 7471B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Mercury	0.0721		0.0400	1	04/20/2020 19:40	WG1463138

Metals (ICP) by Method 6010D

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Arsenic	2.03		2.00	1	04/20/2020 18:14	WG1462656
Barium	164		0.500	1	04/20/2020 18:14	WG1462656
Cadmium	ND		0.500	1	04/20/2020 18:14	WG1462656
Chromium	7.28		1.00	1	04/20/2020 18:14	WG1462656
Lead	10.1		0.500	1	04/20/2020 18:14	WG1462656
Selenium	ND		2.00	1	04/20/2020 18:14	WG1462656
Silver	ND		1.00	1	04/20/2020 18:14	WG1462656

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Acetone	ND		1.25	1	04/17/2020 18:15	WG1462237
Acrylonitrile	ND		0.313	1	04/17/2020 18:15	WG1462237
Benzene	ND		0.0250	1	04/17/2020 18:15	WG1462237
Bromobenzene	ND		0.313	1	04/17/2020 18:15	WG1462237
Bromodichloromethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
Bromoform	ND		0.625	1	04/17/2020 18:15	WG1462237
Bromomethane	ND		0.313	1	04/17/2020 18:15	WG1462237
1,3-Butadiene	ND		0.625	1	04/17/2020 18:15	WG1462237
n-Butylbenzene	ND		0.313	1	04/17/2020 18:15	WG1462237
sec-Butylbenzene	ND		0.313	1	04/17/2020 18:15	WG1462237
tert-Butylbenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
Carbon disulfide	ND		0.313	1	04/17/2020 18:15	WG1462237
Carbon tetrachloride	ND	L1	0.125	1	04/17/2020 18:15	WG1462237
Chlorobenzene	ND		0.0625	1	04/17/2020 18:15	WG1462237
Chlorodibromomethane	ND	L1	0.0625	1	04/17/2020 18:15	WG1462237
Chloroethane	ND	R7	0.125	1	04/17/2020 18:15	WG1462237
Chloroform	ND		0.0625	1	04/17/2020 18:15	WG1462237
Chloromethane	ND		0.313	1	04/17/2020 18:15	WG1462237
2-Chlorotoluene	ND	L1	0.0625	1	04/17/2020 18:15	WG1462237
4-Chlorotoluene	ND		0.125	1	04/17/2020 18:15	WG1462237
Cyclohexane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,2-Dibromo-3-Chloropropane	ND		0.625	1	04/17/2020 18:15	WG1462237
1,2-Dibromoethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
Dibromomethane	ND		0.125	1	04/17/2020 18:15	WG1462237
1,2-Dichlorobenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
1,3-Dichlorobenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
1,4-Dichlorobenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
Dichlorodifluoromethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,1-Dichloroethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,2-Dichloroethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,1-Dichloroethene	ND		0.0625	1	04/17/2020 18:15	WG1462237
cis-1,2-Dichloroethene	ND		0.0625	1	04/17/2020 18:15	WG1462237
trans-1,2-Dichloroethene	ND		0.125	1	04/17/2020 18:15	WG1462237
1,2-Dichloropropane	ND		0.125	1	04/17/2020 18:15	WG1462237
1,1-Dichloropropene	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,3-Dichloropropane	ND		0.125	1	04/17/2020 18:15	WG1462237
cis-1,3-Dichloropropene	ND		0.0625	1	04/17/2020 18:15	WG1462237
trans-1,3-Dichloropropene	ND		0.125	1	04/17/2020 18:15	WG1462237
2,2-Dichloropropane	ND		0.0625	1	04/17/2020 18:15	WG1462237

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Dicyclopentadiene	ND		0.313	1	04/17/2020 18:15	WG1462237
Di-isopropyl ether	ND		0.0250	1	04/17/2020 18:15	WG1462237
Ethylbenzene	ND		0.0625	1	04/17/2020 18:15	WG1462237
4-Ethyltoluene	ND		0.125	1	04/17/2020 18:15	WG1462237
Hexachloro-1,3-butadiene	ND		0.625	1	04/17/2020 18:15	WG1462237
n-Hexane	ND		0.125	1	04/17/2020 18:15	WG1462237
Isopropylbenzene	ND		0.0625	1	04/17/2020 18:15	WG1462237
p-Isopropyltoluene	ND		0.125	1	04/17/2020 18:15	WG1462237
2-Butanone (MEK)	ND		2.50	1	04/17/2020 18:15	WG1462237
Methylene Chloride	ND		0.625	1	04/17/2020 18:15	WG1462237
4-Methyl-2-pentanone (MIBK)	ND		0.625	1	04/17/2020 18:15	WG1462237
Methyl tert-butyl ether	ND		0.0250	1	04/17/2020 18:15	WG1462237
Methyl Cyclohexane	ND		0.125	1	04/17/2020 18:15	WG1462237
Naphthalene	ND		0.313	1	04/17/2020 18:15	WG1462237
Propene	ND		1.25	1	04/17/2020 18:15	WG1462237
n-Propylbenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
Styrene	ND		0.313	1	04/17/2020 18:15	WG1462237
1,1,1,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,1,2,2-Tetrachloroethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,1,2-Trichlorotrifluoroethane	ND	R7	0.0625	1	04/17/2020 18:15	WG1462237
Tetrachloroethene	ND		0.0625	1	04/17/2020 18:15	WG1462237
Toluene	ND		0.125	1	04/17/2020 18:15	WG1462237
1,2,3-Trichlorobenzene	ND		0.313	1	04/17/2020 18:15	WG1462237
1,2,4-Trichlorobenzene	ND		0.313	1	04/17/2020 18:15	WG1462237
1,1,1-Trichloroethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,1,2-Trichloroethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
Trichloroethene	ND		0.0250	1	04/17/2020 18:15	WG1462237
Trichlorofluoromethane	ND		0.0625	1	04/17/2020 18:15	WG1462237
1,2,3-Trichloropropane	ND		0.313	1	04/17/2020 18:15	WG1462237
1,2,4-Trimethylbenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
1,2,3-Trimethylbenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
1,3,5-Trimethylbenzene	ND		0.125	1	04/17/2020 18:15	WG1462237
Vinyl chloride	ND		0.0625	1	04/17/2020 18:15	WG1462237
Xylenes, Total	ND		0.163	1	04/17/2020 18:15	WG1462237
(S) Toluene-d8	*102*		*75.0-131*		*04/17/2020 18:15*	WG1462237
(S) 4-Bromofluorobenzene	*97.7*		*67.0-138*		*04/17/2020 18:15*	WG1462237
(S) 1,2-Dichloroethane-d4	*99.7*		*70.0-130*		*04/17/2020 18:15*	WG1462237

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.0340	1	04/20/2020 19:10	WG1463015
PCB 1221	ND		0.0340	1	04/20/2020 19:10	WG1463015
PCB 1232	ND		0.0340	1	04/20/2020 19:10	WG1463015
PCB 1242	ND		0.0340	1	04/20/2020 19:10	WG1463015
PCB 1248	ND		0.0170	1	04/20/2020 19:10	WG1463015
PCB 1254	ND		0.0170	1	04/20/2020 19:10	WG1463015
PCB 1260	ND		0.0170	1	04/20/2020 19:10	WG1463015
(S) Decachlorobiphenyl	*93.4*		*10.0-135*		*04/20/2020 19:10*	WG1463015
(S) Tetrachloro-m-xylene	*83.8*		*10.0-139*		*04/20/2020 19:10*	WG1463015

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/kg	Qualifier	RDL mg/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Acenaphthene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Acenaphthylene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Benzo(a)anthracene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Benzo(a)pyrene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Benzo(b)fluoranthene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Benzo(g,h,i)perylene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Benzo(k)fluoranthene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Chrysene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Dibenz(a,h)anthracene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Fluoranthene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Fluorene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Indeno(1,2,3-cd)pyrene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Naphthalene	ND		0.0200	1	04/21/2020 17:45	WG1463856
Phenanthrene	ND		0.00600	1	04/21/2020 17:45	WG1463856
Pyrene	ND		0.00600	1	04/21/2020 17:45	WG1463856
1-Methylnaphthalene	ND		0.0200	1	04/21/2020 17:45	WG1463856
2-Methylnaphthalene	ND		0.0200	1	04/21/2020 17:45	WG1463856
2-Chloronaphthalene	ND		0.0200	1	04/21/2020 17:45	WG1463856
(S) p-Terphenyl-d14	*60.0*		*23.0-120*		*04/21/2020 17:45*	WG1463856
(S) Nitrobenzene-d5	*57.8*		*14.0-149*		*04/21/2020 17:45*	WG1463856
(S) 2-Fluorobiphenyl	*58.4*		*34.0-125*		*04/21/2020 17:45*	WG1463856

Mercury by Method 7470A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Mercury	ND		0.000200	1	04/16/2020 10:49	WG1461278

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Arsenic	ND		0.0100	1	04/17/2020 12:20	WG1461353
Barium	ND		0.00500	1	04/17/2020 12:20	WG1461353
Cadmium	ND		0.00200	1	04/17/2020 12:20	WG1461353
Chromium	ND		0.0100	1	04/17/2020 12:20	WG1461353
Lead	ND		0.00600	1	04/17/2020 12:20	WG1461353
Selenium	ND		0.0100	1	04/17/2020 12:20	WG1461353
Silver	ND		0.00500	1	04/17/2020 12:20	WG1461353

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Acetone	ND		0.0500	1	04/16/2020 21:20	WG1461987
Acrolein	ND		0.0500	1	04/16/2020 21:20	WG1461987
Acrylonitrile	ND		0.0100	1	04/16/2020 21:20	WG1461987
Benzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Bromobenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Bromodichloromethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Bromoform	ND		0.00100	1	04/16/2020 21:20	WG1461987
Bromomethane	ND		0.00500	1	04/16/2020 21:20	WG1461987
1,3-Butadiene	ND		0.00200	1	04/16/2020 21:20	WG1461987
n-Butylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
sec-Butylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
tert-Butylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Carbon tetrachloride	ND		0.00100	1	04/16/2020 21:20	WG1461987
Carbon disulfide	ND		0.00100	1	04/16/2020 21:20	WG1461987
Chlorobenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Chlorodibromomethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Chloroethane	ND		0.00500	1	04/16/2020 21:20	WG1461987
Chloroform	ND		0.00500	1	04/16/2020 21:20	WG1461987
Chloromethane	ND		0.00250	1	04/16/2020 21:20	WG1461987
Cyclohexane	ND		0.00100	1	04/16/2020 21:20	WG1461987
2-Chlorotoluene	ND		0.00100	1	04/16/2020 21:20	WG1461987
4-Chlorotoluene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,2-Dibromo-3-Chloropropane	ND		0.00500	1	04/16/2020 21:20	WG1461987
1,2-Dibromoethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Dibromomethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,2-Dichlorobenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,3-Dichlorobenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,4-Dichlorobenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Dichlorodifluoromethane	ND		0.00500	1	04/16/2020 21:20	WG1461987
1,1-Dichloroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,2-Dichloroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,1-Dichloroethene	ND		0.00100	1	04/16/2020 21:20	WG1461987
cis-1,2-Dichloroethene	ND		0.00100	1	04/16/2020 21:20	WG1461987
trans-1,2-Dichloroethene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,2-Dichloropropane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,1-Dichloropropene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,3-Dichloropropane	ND		0.00100	1	04/16/2020 21:20	WG1461987
cis-1,3-Dichloropropene	ND		0.00100	1	04/16/2020 21:20	WG1461987
trans-1,3-Dichloropropene	ND		0.00100	1	04/16/2020 21:20	WG1461987

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
2,2-Dichloropropane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Dicyclopentadiene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Di-isopropyl ether	ND		0.00100	1	04/16/2020 21:20	WG1461987
Ethylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
4-Ethyltoluene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Hexachloro-1,3-butadiene	ND	R7	0.00100	1	04/16/2020 21:20	WG1461987
n-Hexane	ND		0.0100	1	04/16/2020 21:20	WG1461987
Isopropylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
p-Isopropyltoluene	ND		0.00100	1	04/16/2020 21:20	WG1461987
2-Butanone (MEK)	ND		0.0100	1	04/16/2020 21:20	WG1461987
Methyl Cyclohexane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Methylene Chloride	ND		0.00500	1	04/16/2020 21:20	WG1461987
4-Methyl-2-pentanone (MIBK)	ND		0.0100	1	04/16/2020 21:20	WG1461987
Methyl tert-butyl ether	ND		0.00100	1	04/16/2020 21:20	WG1461987
Naphthalene	ND	R7	0.00500	1	04/16/2020 21:20	WG1461987
Propene	ND	L1	0.00250	1	04/16/2020 21:20	WG1461987
n-Propylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Styrene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,1,1,2-Tetrachloroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,1,2,2-Tetrachloroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,1,2-Trichlorotrifluoroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Tetrachloroethene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Toluene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,2,3-Trichlorobenzene	ND	R7	0.00100	1	04/16/2020 21:20	WG1461987
1,2,4-Trichlorobenzene	ND	R7	0.00100	1	04/16/2020 21:20	WG1461987
1,1,1-Trichloroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,1,2-Trichloroethane	ND		0.00100	1	04/16/2020 21:20	WG1461987
Trichloroethene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Trichlorofluoromethane	ND		0.00500	1	04/16/2020 21:20	WG1461987
1,2,3-Trichloropropane	ND		0.00250	1	04/16/2020 21:20	WG1461987
1,2,4-Trimethylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,2,3-Trimethylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
1,3,5-Trimethylbenzene	ND		0.00100	1	04/16/2020 21:20	WG1461987
Vinyl chloride	ND		0.00100	1	04/16/2020 21:20	WG1461987
Xylenes, Total	ND		0.00300	1	04/16/2020 21:20	WG1461987
(S) Toluene-d8	*105*		*80.0-120*		*04/16/2020 21:20*	WG1461987
(S) 4-Bromofluorobenzene	*93.3*		*77.0-126*		*04/16/2020 21:20*	WG1461987
(S) 1,2-Dichloroethane-d4	*97.4*		*70.0-130*		*04/16/2020 21:20*	WG1461987

Polychlorinated Biphenyls (GC) by Method 8082 A

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
PCB 1016	ND		0.00100	1	04/17/2020 20:27	WG1462068
PCB 1221	ND		0.00100	1	04/17/2020 20:27	WG1462068
PCB 1232	ND		0.00100	1	04/17/2020 20:27	WG1462068
PCB 1242	ND		0.00100	1	04/17/2020 20:27	WG1462068
PCB 1248	ND		0.000500	1	04/17/2020 20:27	WG1462068
PCB 1254	ND		0.000500	1	04/17/2020 20:27	WG1462068
PCB 1260	ND	L1	0.000500	1	04/17/2020 20:27	WG1462068
(S) Decachlorobiphenyl	*40.8*		*10.0-128*		*04/17/2020 20:27*	WG1462068
(S) Tetrachloro-m-xylene	*108*		*10.0-127*		*04/17/2020 20:27*	WG1462068

Semi Volatile Organic Compounds (GC/MS) by Method 8270C-SIM

Analyte	Result mg/l	Qualifier	RDL mg/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Acenaphthene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Acenaphthylene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Benzo(a)anthracene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Benzo(a)pyrene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Benzo(b)fluoranthene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Benzo(g,h,i)perylene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Benzo(k)fluoranthene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Chrysene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Dibenz(a,h)anthracene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Fluoranthene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Fluorene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Indeno(1,2,3-cd)pyrene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Naphthalene	ND		0.000250	1	04/17/2020 06:30	WG1462021
Phenanthrene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
Pyrene	ND		0.0000500	1	04/17/2020 06:30	WG1462021
1-Methylnaphthalene	ND		0.000250	1	04/17/2020 06:30	WG1462021
2-Methylnaphthalene	ND		0.000250	1	04/17/2020 06:30	WG1462021
2-Chloronaphthalene	ND		0.000250	1	04/17/2020 06:30	WG1462021
(S) Nitrobenzene-d5	*98.9*		*31.0-160*		*04/17/2020 06:30*	WG1462021
(S) 2-Fluorobiphenyl	*90.5*		*48.0-148*		*04/17/2020 06:30*	WG1462021
(S) p-Terphenyl-d14	*108*		*37.0-146*		*04/17/2020 06:30*	WG1462021

Method Blank (MB)

(MB) R3519178-1 04/16/20 10:14

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Mercury	U		0.000100	0.000200

Laboratory Control Sample (LCS)

(LCS) R3519178-2 04/16/20 10:16

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.00300	0.00332	111	80.0-120	

L1209037-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209037-01 04/16/20 10:18 • (MS) R3519178-3 04/16/20 10:20 • (MSD) R3519178-4 04/16/20 10:21

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.00300	ND	0.00343	0.00342	114	114	1	75.0-125			0.178	20

Method Blank (MB)

(MB) R3520275-1 04/20/20 17:49

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3520275-2 04/20/20 17:51

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.465	93.0	80.0-120	

L1209083-37 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-37 04/20/20 17:53 • (MS) R3520275-3 04/20/20 17:56 • (MSD) R3520275-4 04/20/20 17:58

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.440	0.508	88.1	102	1	75.0-125			14.3	20

Method Blank (MB)

(MB) R3520274-1 04/20/20 16:42

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3520274-2 04/20/20 16:45

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.512	102	80.0-120	

L1209083-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-01 04/20/20 16:47 • (MS) R3520274-3 04/20/20 16:50 • (MSD) R3520274-4 04/20/20 16:52

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	0.101	0.647	0.590	109	97.8	1	75.0-125			9.21	20

Method Blank (MB)

(MB) R3520276-1 04/20/20 18:55

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.0180	0.0400

Laboratory Control Sample (LCS)

(LCS) R3520276-2 04/20/20 18:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Mercury	0.500	0.503	101	80.0-120	

L1209439-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209439-03 04/20/20 19:04 • (MS) R3520276-3 04/20/20 19:07 • (MSD) R3520276-4 04/20/20 19:09

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	0.0205	0.461	0.489	88.2	93.8	1	75.0-125			5.91	20

Method Blank (MB)

(MB) R3519615-1 04/17/20 11:03

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Arsenic	U		0.00440	0.0100
Barium	U		0.000895	0.00500
Cadmium	U		0.000563	0.00200
Chromium	U		0.00500	0.0100
Lead	U		0.00295	0.00600
Selenium	U		0.00735	0.0100
Silver	U		0.00191	0.00500

Laboratory Control Sample (LCS)

(LCS) R3519615-2 04/17/20 11:06

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	1.00	0.963	96.3	80.0-120	
Barium	1.00	1.00	100	80.0-120	
Cadmium	1.00	0.969	96.9	80.0-120	
Chromium	1.00	0.990	99.0	80.0-120	
Lead	1.00	0.984	98.4	80.0-120	
Selenium	1.00	0.968	96.8	80.0-120	
Silver	0.200	0.175	87.5	80.0-120	

L1208430-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1208430-01 04/17/20 11:09 • (MS) R3519615-4 04/17/20 11:14 • (MSD) R3519615-5 04/17/20 11:16

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	1.00	ND	1.01	1.01	101	101	1	75.0-125			0.563	20
Barium	1.00	0.0522	1.03	1.02	97.7	96.6	1	75.0-125			1.14	20
Cadmium	1.00	0.00211	0.996	0.983	99.4	98.1	1	75.0-125			1.33	20
Chromium	1.00	ND	0.969	0.964	96.9	96.4	1	75.0-125			0.562	20
Lead	1.00	ND	0.990	0.979	99.0	97.9	1	75.0-125			1.05	20
Selenium	1.00	ND	1.02	1.01	101	100	1	75.0-125			0.768	20
Silver	0.200	ND	0.181	0.178	90.3	89.2	1	75.0-125			1.14	20

Method Blank (MB)

(MB) R3520291-1 04/20/20 18:29

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3520291-2 04/20/20 18:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	97.4	97.4	80.0-120	
Barium	100	104	104	80.0-120	
Cadmium	100	97.6	97.6	80.0-120	
Chromium	100	98.0	98.0	80.0-120	
Lead	100	102	102	80.0-120	
Selenium	100	98.5	98.5	80.0-120	
Silver	20.0	17.7	88.5	80.0-120	

L1209083-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-01 04/20/20 18:35 • (MS) R3520291-5 04/20/20 18:43 • (MSD) R3520291-6 04/20/20 18:45

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	5.85	103	101	97.2	95.2	1	75.0-125			1.96	20
Barium	100	197	286	280	89.1	82.9	1	75.0-125			2.21	20
Cadmium	100	ND	98.1	95.6	97.6	95.1	1	75.0-125			2.62	20
Chromium	100	18.3	111	110	92.9	91.4	1	75.0-125			1.36	20
Lead	100	92.9	193	293	99.8	200	1	75.0-125		M1 R5	41.3	20
Selenium	100	ND	95.0	92.0	95.0	92.0	1	75.0-125			3.27	20
Silver	20.0	ND	17.2	16.9	86.0	84.7	1	75.0-125			1.49	20

Method Blank (MB)

(MB) R3519973-1 04/20/20 00:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3519973-2 04/20/20 00:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	95.6	95.6	80.0-120	
Barium	100	100	100	80.0-120	
Cadmium	100	96.0	96.0	80.0-120	
Chromium	100	99.0	99.0	80.0-120	
Lead	100	98.5	98.5	80.0-120	
Selenium	100	96.0	96.0	80.0-120	
Silver	20.0	18.3	91.5	80.0-120	

L1209083-18 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-18 04/20/20 00:31 • (MS) R3519973-5 04/20/20 00:39 • (MSD) R3519973-6 04/20/20 00:42

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	ND	98.9	97.1	96.9	95.2	1	75.0-125			1.77	20
Barium	100	64.2	156	155	91.9	91.3	1	75.0-125			0.410	20
Cadmium	100	ND	95.2	95.7	95.2	95.7	1	75.0-125			0.599	20
Chromium	100	8.74	120	103	112	94.3	1	75.0-125			15.5	20
Lead	100	9.15	111	111	102	102	1	75.0-125			0.372	20
Selenium	100	ND	94.2	95.5	94.2	95.5	1	75.0-125			1.37	20
Silver	20.0	ND	17.6	17.8	88.1	89.2	1	75.0-125			1.29	20

Method Blank (MB)

(MB) R3520299-1 04/20/20 17:22

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Arsenic	U		0.460	2.00
Barium	U		0.240	0.500
Cadmium	U		0.0810	0.500
Chromium	U		0.250	1.00
Lead	U		0.208	0.500
Selenium	U		0.617	2.00
Silver	U		0.228	1.00

Laboratory Control Sample (LCS)

(LCS) R3520299-2 04/20/20 17:24

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Arsenic	100	95.3	95.3	80.0-120	
Barium	100	101	101	80.0-120	
Cadmium	100	95.2	95.2	80.0-120	
Chromium	100	96.2	96.2	80.0-120	
Lead	100	97.9	97.9	80.0-120	
Selenium	100	97.2	97.2	80.0-120	
Silver	20.0	17.4	86.8	80.0-120	

L1209083-35 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-35 04/20/20 17:28 • (MS) R3520299-5 04/20/20 17:36 • (MSD) R3520299-6 04/20/20 17:39

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Arsenic	100	4.16	90.9	90.1	86.7	85.9	1	75.0-125			0.841	20
Barium	100	67.8	160	154	92.2	86.4	1	75.0-125			3.68	20
Cadmium	100	ND	86.8	86.9	86.6	86.6	1	75.0-125			0.0813	20
Chromium	100	7.44	96.4	93.1	89.0	85.6	1	75.0-125			3.51	20
Lead	100	9.28	102	99.1	92.8	89.8	1	75.0-125			2.89	20
Selenium	100	ND	86.6	87.7	85.7	86.9	1	75.0-125			1.29	20
Silver	20.0	ND	15.9	15.7	79.4	78.6	1	75.0-125			1.01	20

Method Blank (MB)

(MB) R3519589-4 04/16/20 20:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Acetone	U		0.0113	0.0500
Acrolein	U		0.00254	0.0500
Acrylonitrile	U		0.000671	0.0100
Benzene	U		0.0000941	0.00100
Bromobenzene	U		0.000118	0.00100
Bromodichloromethane	U		0.000136	0.00100
Bromoform	U		0.000129	0.00100
Bromomethane	U		0.000605	0.00500
1,3-Butadiene	U		0.000299	0.00200
n-Butylbenzene	U		0.000157	0.00100
sec-Butylbenzene	U		0.000125	0.00100
tert-Butylbenzene	U		0.000127	0.00100
Carbon disulfide	U		0.0000962	0.00100
Carbon tetrachloride	U		0.000128	0.00100
Chlorobenzene	U		0.000116	0.00100
Chlorodibromomethane	U		0.000140	0.00100
Chloroethane	U		0.000192	0.00500
Chloroform	U		0.000111	0.00500
Chloromethane	U		0.000960	0.00250
Cyclohexane	U		0.000188	0.00100
2-Chlorotoluene	U		0.000106	0.00100
4-Chlorotoluene	U		0.000114	0.00100
1,2-Dibromo-3-Chloropropane	U		0.000276	0.00500
1,2-Dibromoethane	U		0.000126	0.00100
Dibromomethane	U		0.000122	0.00100
1,2-Dichlorobenzene	U		0.000107	0.00100
1,3-Dichlorobenzene	U		0.000110	0.00100
1,4-Dichlorobenzene	U		0.000120	0.00100
Dichlorodifluoromethane	U		0.000374	0.00500
1,1-Dichloroethane	U		0.000100	0.00100
1,2-Dichloroethane	U		0.0000819	0.00100
1,1-Dichloroethene	U		0.000188	0.00100
cis-1,2-Dichloroethene	U		0.000126	0.00100
trans-1,2-Dichloroethene	U		0.000149	0.00100
1,2-Dichloropropane	U		0.000149	0.00100
1,1-Dichloropropene	U		0.000142	0.00100
1,3-Dichloropropane	U		0.000110	0.00100
cis-1,3-Dichloropropene	U		0.000111	0.00100
trans-1,3-Dichloropropene	U		0.000118	0.00100
2,2-Dichloropropane	U		0.000161	0.00100

Method Blank (MB)

(MB) R3519589-4 04/16/20 20:09

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Dicyclopentadiene	U		0.000253	0.00100
Di-isopropyl ether	U		0.000105	0.00100
Ethylbenzene	U		0.000137	0.00100
4-Ethyltoluene	U		0.000208	0.00100
Hexachloro-1,3-butadiene	0.000467	E4	0.000337	0.00100
n-Hexane	U		0.000749	0.0100
Isopropylbenzene	U		0.000105	0.00100
p-Isopropyltoluene	U		0.000120	0.00100
2-Butanone (MEK)	U		0.00119	0.0100
Methyl Cyclohexane	U		0.000660	0.00100
Methylene Chloride	0.000750	E4	0.000430	0.00500
4-Methyl-2-pentanone (MIBK)	U		0.000478	0.0100
Methyl tert-butyl ether	U		0.000101	0.00100
Naphthalene	U		0.00100	0.00500
Propene	U		0.000936	0.00250
n-Propylbenzene	U		0.0000993	0.00100
Styrene	U		0.000118	0.00100
1,1,1,2-Tetrachloroethane	U		0.000147	0.00100
1,1,2,2-Tetrachloroethane	U		0.000133	0.00100
Tetrachloroethene	U		0.000300	0.00100
Toluene	U		0.000278	0.00100
1,1,2-Trichlorotrifluoroethane	U		0.000180	0.00100
1,2,3-Trichlorobenzene	0.000412	E4	0.000230	0.00100
1,2,4-Trichlorobenzene	U		0.000481	0.00100
1,1,1-Trichloroethane	U		0.000149	0.00100
1,1,2-Trichloroethane	U		0.000158	0.00100
Trichloroethene	U		0.000190	0.00100
Trichlorofluoromethane	U		0.000160	0.00500
1,2,3-Trichloropropane	U		0.000237	0.00250
1,2,3-Trimethylbenzene	U		0.000104	0.00100
1,2,4-Trimethylbenzene	U		0.000322	0.00100
1,3,5-Trimethylbenzene	U		0.000104	0.00100
Vinyl chloride	U		0.000234	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	*107*			*80.0-120*
(S) 4-Bromofluorobenzene	*91.0*			*77.0-126*
(S) 1,2-Dichloroethane-d4	*94.6*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519589-1 04/16/20 18:47 • (LCSD) R3519589-2 04/16/20 19:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.0250	0.0238	0.0236	95.2	94.4	19.0-160			0.844	27
Acrolein	0.0250	0.0227	0.0198	90.8	79.2	10.0-160			13.6	26
Acrylonitrile	0.0250	0.0262	0.0260	105	104	55.0-149			0.766	20
Benzene	0.00500	0.00468	0.00463	93.6	92.6	70.0-123			1.07	20
Bromobenzene	0.00500	0.00518	0.00529	104	106	73.0-121			2.10	20
Bromodichloromethane	0.00500	0.00485	0.00484	97.0	96.8	75.0-120			0.206	20
Bromoform	0.00500	0.00465	0.00467	93.0	93.4	68.0-132			0.429	20
Bromomethane	0.00500	0.00420	0.00419	84.0	83.8	10.0-160			0.238	25
1,3-Butadiene	0.00500	0.00552	0.00572	110	114	45.0-147			3.56	20
n-Butylbenzene	0.00500	0.00560	0.00539	112	108	73.0-125			3.82	20
sec-Butylbenzene	0.00500	0.00552	0.00555	110	111	75.0-125			0.542	20
tert-Butylbenzene	0.00500	0.00531	0.00537	106	107	76.0-124			1.12	20
Carbon disulfide	0.00500	0.00514	0.00526	103	105	61.0-128			2.31	20
Carbon tetrachloride	0.00500	0.00514	0.00515	103	103	68.0-126			0.194	20
Chlorobenzene	0.00500	0.00533	0.00512	107	102	80.0-121			4.02	20
Chlorodibromomethane	0.00500	0.00548	0.00512	110	102	77.0-125			6.79	20
Chloroethane	0.00500	0.00461	0.00472	92.2	94.4	47.0-150			2.36	20
Chloroform	0.00500	0.00460	0.00453	92.0	90.6	73.0-120			1.53	20
Chloromethane	0.00500	0.00493	0.00504	98.6	101	41.0-142			2.21	20
2-Chlorotoluene	0.00500	0.00525	0.00528	105	106	76.0-123			0.570	20
4-Chlorotoluene	0.00500	0.00548	0.00531	110	106	75.0-122			3.15	20
1,2-Dibromo-3-Chloropropane	0.00500	0.00394	0.00410	78.8	82.0	58.0-134			3.98	20
1,2-Dibromoethane	0.00500	0.00579	0.00525	116	105	80.0-122			9.78	20
Dibromomethane	0.00500	0.00502	0.00519	100	104	80.0-120			3.33	20
1,2-Dichlorobenzene	0.00500	0.00529	0.00528	106	106	79.0-121			0.189	20
1,3-Dichlorobenzene	0.00500	0.00516	0.00535	103	107	79.0-120			3.62	20
1,4-Dichlorobenzene	0.00500	0.00506	0.00492	101	98.4	79.0-120			2.81	20
Dichlorodifluoromethane	0.00500	0.00595	0.00563	119	113	51.0-149			5.53	20
1,1-Dichloroethane	0.00500	0.00511	0.00517	102	103	70.0-126			1.17	20
1,2-Dichloroethane	0.00500	0.00475	0.00488	95.0	97.6	70.0-128			2.70	20
1,1-Dichloroethene	0.00500	0.00559	0.00543	112	109	71.0-124			2.90	20
cis-1,2-Dichloroethene	0.00500	0.00506	0.00540	101	108	73.0-120			6.50	20
trans-1,2-Dichloroethene	0.00500	0.00506	0.00498	101	99.6	73.0-120			1.59	20
1,2-Dichloropropane	0.00500	0.00460	0.00468	92.0	93.6	77.0-125			1.72	20
1,1-Dichloropropene	0.00500	0.00474	0.00468	94.8	93.6	74.0-126			1.27	20
1,3-Dichloropropane	0.00500	0.00521	0.00485	104	97.0	80.0-120			7.16	20
cis-1,3-Dichloropropene	0.00500	0.00491	0.00472	98.2	94.4	80.0-123			3.95	20
trans-1,3-Dichloropropene	0.00500	0.00581	0.00504	116	101	78.0-124			14.2	20
2,2-Dichloropropane	0.00500	0.00515	0.00489	103	97.8	58.0-130			5.18	20
Cyclohexane	0.00500	0.00457	0.00479	91.4	95.8	71.0-124			4.70	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519589-1 04/16/20 18:47 • (LCSD) R3519589-2 04/16/20 19:08

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Dicyclopentadiene	0.00500	0.00558	0.00555	112	111	74.0-126			0.539	20
Di-isopropyl ether	0.00500	0.00474	0.00469	94.8	93.8	58.0-138			1.06	20
Ethylbenzene	0.00500	0.00505	0.00492	101	98.4	79.0-123			2.61	20
4-Ethyltoluene	0.00500	0.00529	0.00526	106	105	74.0-127			0.569	20
Hexachloro-1,3-butadiene	0.00500	0.00291	0.00388	58.2	77.6	54.0-138		R7	28.6	20
n-Hexane	0.00500	0.00450	0.00483	90.0	96.6	57.0-133			7.07	20
Isopropylbenzene	0.00500	0.00543	0.00528	109	106	76.0-127			2.80	20
p-Isopropyltoluene	0.00500	0.00546	0.00549	109	110	76.0-125			0.548	20
2-Butanone (MEK)	0.0250	0.0232	0.0226	92.8	90.4	44.0-160			2.62	20
Methylene Chloride	0.00500	0.00506	0.00522	101	104	67.0-120			3.11	20
4-Methyl-2-pentanone (MIBK)	0.0250	0.0265	0.0248	106	99.2	68.0-142			6.63	20
Methyl tert-butyl ether	0.00500	0.00509	0.00479	102	95.8	68.0-125			6.07	20
Naphthalene	0.00500	0.00317	0.00510	63.4	102	54.0-135		R7	46.7	20
Propene	0.00500	0.00845	0.00716	169	143	10.0-160	L1		16.5	20
n-Propylbenzene	0.00500	0.00543	0.00522	109	104	77.0-124			3.94	20
Styrene	0.00500	0.00454	0.00444	90.8	88.8	73.0-130			2.23	20
1,1,1,2-Tetrachloroethane	0.00500	0.00574	0.00545	115	109	75.0-125			5.18	20
1,1,2,2-Tetrachloroethane	0.00500	0.00541	0.00510	108	102	65.0-130			5.90	20
Tetrachloroethene	0.00500	0.00583	0.00548	117	110	72.0-132			6.19	20
Toluene	0.00500	0.00516	0.00487	103	97.4	79.0-120			5.78	20
1,1,2-Trichlorotrifluoroethane	0.00500	0.00565	0.00545	113	109	69.0-132			3.60	20
1,2,3-Trichlorobenzene	0.00500	0.00305	0.00525	61.0	105	50.0-138		R7	53.0	20
1,2,4-Trichlorobenzene	0.00500	0.00320	0.00429	64.0	85.8	57.0-137		R7	29.1	20
1,1,1-Trichloroethane	0.00500	0.00516	0.00503	103	101	73.0-124			2.55	20
1,1,2-Trichloroethane	0.00500	0.00573	0.00559	115	112	80.0-120			2.47	20
Trichloroethene	0.00500	0.00540	0.00508	108	102	78.0-124			6.11	20
Trichlorofluoromethane	0.00500	0.00530	0.00524	106	105	59.0-147			1.14	20
1,2,3-Trichloropropane	0.00500	0.00553	0.00561	111	112	73.0-130			1.44	20
1,2,3-Trimethylbenzene	0.00500	0.00559	0.00533	112	107	77.0-120			4.76	20
1,2,4-Trimethylbenzene	0.00500	0.00533	0.00539	107	108	76.0-121			1.12	20
Methyl Cyclohexane	0.00500	0.00455	0.00446	91.0	89.2	68.0-126			2.00	20
1,3,5-Trimethylbenzene	0.00500	0.00504	0.00519	101	104	76.0-122			2.93	20
Vinyl chloride	0.00500	0.00458	0.00465	91.6	93.0	67.0-131			1.52	20
Xylenes, Total	0.0150	0.0157	0.0151	105	101	79.0-123			3.90	20
(S) Toluene-d8				*109*	*104*	*80.0-120*				
(S) 4-Bromofluorobenzene				*97.1*	*90.9*	*77.0-126*				
(S) 1,2-Dichloroethane-d4				*93.4*	*96.8*	*70.0-130*				

Method Blank (MB)

(MB) R3520065-3 04/17/20 09:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3520065-3 04/17/20 09:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*115*			*75.0-131*
(S) 4-Bromofluorobenzene	*86.6*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*79.9*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520065-1 04/17/20 08:14 • (LCSD) R3520065-2 04/17/20 08:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.412	0.389	65.9	62.2	10.0-160			5.74	31
Acrylonitrile	0.625	0.497	0.443	79.5	70.9	45.0-153			11.5	22
Benzene	0.125	0.105	0.0999	84.0	79.9	70.0-123			4.98	20
Bromobenzene	0.125	0.127	0.118	102	94.4	73.0-121			7.35	20
Bromodichloromethane	0.125	0.102	0.0982	81.6	78.6	73.0-121			3.80	20
Bromoform	0.125	0.0953	0.0954	76.2	76.3	64.0-132			0.105	20
Bromomethane	0.125	0.0927	0.0839	74.2	67.1	56.0-147			9.97	20
1,3-Butadiene	0.125	0.135	0.122	108	97.6	32.0-150			10.1	20
n-Butylbenzene	0.125	0.0941	0.0865	75.3	69.2	68.0-135			8.42	20
sec-Butylbenzene	0.125	0.112	0.106	89.6	84.8	74.0-130			5.50	20
tert-Butylbenzene	0.125	0.110	0.105	88.0	84.0	75.0-127			4.65	20
Carbon disulfide	0.125	0.0904	0.0839	72.3	67.1	56.0-133			7.46	20
Carbon tetrachloride	0.125	0.0969	0.0898	77.5	71.8	66.0-128			7.61	20
Chlorobenzene	0.125	0.108	0.103	86.4	82.4	76.0-128			4.74	20
Chlorodibromomethane	0.125	0.0971	0.0939	77.7	75.1	74.0-127			3.35	20
Chloroethane	0.125	0.117	0.111	93.6	88.8	61.0-134			5.26	20
Chloroform	0.125	0.105	0.102	84.0	81.6	72.0-123			2.90	20
Chloromethane	0.125	0.154	0.145	123	116	51.0-138			6.02	20
Cyclohexane	0.125	0.106	0.101	84.8	80.8	70.0-130			4.83	20
2-Chlorotoluene	0.125	0.112	0.105	89.6	84.0	75.0-124			6.45	20
4-Chlorotoluene	0.125	0.122	0.115	97.6	92.0	75.0-124			5.91	20
1,2-Dibromo-3-Chloropropane	0.125	0.0968	0.0969	77.4	77.5	59.0-130			0.103	20
1,2-Dibromoethane	0.125	0.106	0.102	84.8	81.6	74.0-128			3.85	20
Dibromomethane	0.125	0.0966	0.0974	77.3	77.9	75.0-122			0.825	20
1,2-Dichlorobenzene	0.125	0.105	0.0994	84.0	79.5	76.0-124			5.48	20
1,3-Dichlorobenzene	0.125	0.115	0.109	92.0	87.2	76.0-125			5.36	20
1,4-Dichlorobenzene	0.125	0.109	0.104	87.2	83.2	77.0-121			4.69	20
Dichlorodifluoromethane	0.125	0.157	0.141	126	113	43.0-156			10.7	20
1,1-Dichloroethane	0.125	0.116	0.106	92.8	84.8	70.0-127			9.01	20
1,2-Dichloroethane	0.125	0.120	0.111	96.0	88.8	65.0-131			7.79	20
1,1-Dichloroethene	0.125	0.117	0.107	93.6	85.6	65.0-131			8.93	20
cis-1,2-Dichloroethene	0.125	0.104	0.0990	83.2	79.2	73.0-125			4.93	20
trans-1,2-Dichloroethene	0.125	0.107	0.102	85.6	81.6	71.0-125			4.78	20
1,2-Dichloropropane	0.125	0.128	0.122	102	97.6	74.0-125			4.80	20
1,1-Dichloropropene	0.125	0.0975	0.0891	78.0	71.3	73.0-125		L2	9.00	20
1,3-Dichloropropane	0.125	0.109	0.108	87.2	86.4	80.0-125			0.922	20
cis-1,3-Dichloropropene	0.125	0.106	0.103	84.8	82.4	76.0-127			2.87	20
trans-1,3-Dichloropropene	0.125	0.112	0.106	89.6	84.8	73.0-127			5.50	20
2,2-Dichloropropane	0.125	0.0848	0.0821	67.8	65.7	59.0-135			3.24	20
Dicyclopentadiene	0.125	0.119	0.110	95.2	88.0	71.0-132			7.86	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520065-1 04/17/20 08:14 • (LCSD) R3520065-2 04/17/20 08:33

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.143	0.142	114	114	60.0-136			0.702	20
Ethylbenzene	0.125	0.109	0.102	87.2	81.6	74.0-126			6.64	20
4-Ethyltoluene	0.125	0.114	0.107	91.2	85.6	71.0-129			6.33	20
Hexachloro-1,3-butadiene	0.125	0.0892	0.0818	71.4	65.4	57.0-150			8.65	20
n-Hexane	0.125	0.137	0.125	110	100	55.0-137			9.16	20
Isopropylbenzene	0.125	0.0975	0.0907	78.0	72.6	72.0-127			7.23	20
p-Isopropyltoluene	0.125	0.107	0.0953	85.6	76.2	72.0-133			11.6	20
2-Butanone (MEK)	0.625	0.607	0.594	97.1	95.0	30.0-160			2.16	24
Methyl Cyclohexane	0.125	0.107	0.106	85.6	84.8	67.0-129			0.939	20
Methylene Chloride	0.125	0.109	0.107	87.2	85.6	68.0-123			1.85	20
4-Methyl-2-pentanone (MIBK)	0.625	0.644	0.635	103	102	56.0-143			1.41	20
Methyl tert-butyl ether	0.125	0.0994	0.101	79.5	80.8	66.0-132			1.60	20
Naphthalene	0.125	0.101	0.101	80.8	80.8	59.0-130			0.000	20
Propene	0.125	0.221	0.196	177	157	10.0-160	L1		12.0	20
n-Propylbenzene	0.125	0.116	0.108	92.8	86.4	74.0-126			7.14	20
Styrene	0.125	0.101	0.0978	80.8	78.2	72.0-127			3.22	20
1,1,1,2-Tetrachloroethane	0.125	0.0997	0.0957	79.8	76.6	74.0-129			4.09	20
1,1,2,2-Tetrachloroethane	0.125	0.133	0.131	106	105	68.0-128			1.52	20
Tetrachloroethene	0.125	0.106	0.0981	84.8	78.5	70.0-136			7.74	20
Toluene	0.125	0.113	0.105	90.4	84.0	75.0-121			7.34	20
1,1,2-Trichlorotrifluoroethane	0.125	0.119	0.109	95.2	87.2	61.0-139			8.77	20
1,2,3-Trichlorobenzene	0.125	0.104	0.103	83.2	82.4	59.0-139			0.966	20
1,2,4-Trichlorobenzene	0.125	0.0911	0.0874	72.9	69.9	62.0-137			4.15	20
1,1,1-Trichloroethane	0.125	0.107	0.0992	85.6	79.4	69.0-126			7.57	20
1,1,2-Trichloroethane	0.125	0.110	0.108	88.0	86.4	78.0-123			1.83	20
Trichloroethene	0.125	0.100	0.0923	80.0	73.8	76.0-126		L2	8.01	20
Trichlorofluoromethane	0.125	0.109	0.101	87.2	80.8	61.0-142			7.62	20
1,2,3-Trichloropropane	0.125	0.114	0.109	91.2	87.2	67.0-129			4.48	20
1,2,3-Trimethylbenzene	0.125	0.0988	0.0944	79.0	75.5	74.0-124			4.55	20
1,2,4-Trimethylbenzene	0.125	0.102	0.0998	81.6	79.8	70.0-126			2.18	20
1,3,5-Trimethylbenzene	0.125	0.120	0.112	96.0	89.6	73.0-127			6.90	20
Vinyl chloride	0.125	0.150	0.136	120	109	63.0-134			9.79	20
Xylenes, Total	0.375	0.310	0.288	82.7	76.8	72.0-127			7.36	20
(S) Toluene-d8				*109*	*109*	*75.0-131*				
(S) 4-Bromofluorobenzene				*93.0*	*93.5*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*93.8*	*95.3*	*70.0-130*				

Method Blank (MB)

(MB) R3520535-3 04/17/20 09:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3520535-3 04/17/20 09:26

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U	E4	0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*105*			*75.0-131*
(S) 4-Bromofluorobenzene	*99.3*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*101*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520535-1 04/17/20 08:10 • (LCSD) R3520535-2 04/17/20 08:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.892	0.784	143	125	10.0-160			12.9	31
Acrylonitrile	0.625	0.684	0.607	109	97.1	45.0-153			11.9	22
Benzene	0.125	0.115	0.119	92.0	95.2	70.0-123			3.42	20
Bromobenzene	0.125	0.122	0.140	97.6	112	73.0-121			13.7	20
Bromodichloromethane	0.125	0.113	0.114	90.4	91.2	73.0-121			0.881	20
Bromoform	0.125	0.142	0.135	114	108	64.0-132			5.05	20
Bromomethane	0.125	0.125	0.125	100	100	56.0-147			0.000	20
1,3-Butadiene	0.125	0.177	0.179	142	143	32.0-150			1.12	20
n-Butylbenzene	0.125	0.102	0.115	81.6	92.0	68.0-135			12.0	20
sec-Butylbenzene	0.125	0.0984	0.120	78.7	96.0	74.0-130			19.8	20
tert-Butylbenzene	0.125	0.102	0.123	81.6	98.4	75.0-127			18.7	20
Carbon disulfide	0.125	0.114	0.122	91.2	97.6	56.0-133			6.78	20
Carbon tetrachloride	0.125	0.116	0.120	92.8	96.0	66.0-128			3.39	20
Chlorobenzene	0.125	0.120	0.126	96.0	101	76.0-128			4.88	20
Chlorodibromomethane	0.125	0.118	0.120	94.4	96.0	74.0-127			1.68	20
Chloroethane	0.125	0.123	0.128	98.4	102	61.0-134			3.98	20
Chloroform	0.125	0.127	0.126	102	101	72.0-123			0.791	20
Chloromethane	0.125	0.138	0.144	110	115	51.0-138			4.26	20
Cyclohexane	0.125	0.116	0.120	92.8	96.0	70.0-130			3.39	20
2-Chlorotoluene	0.125	0.102	0.132	81.6	106	75.0-124		R7	25.6	20
4-Chlorotoluene	0.125	0.103	0.119	82.4	95.2	75.0-124			14.4	20
1,2-Dibromo-3-Chloropropane	0.125	0.136	0.124	109	99.2	59.0-130			9.23	20
1,2-Dibromoethane	0.125	0.136	0.138	109	110	74.0-128			1.46	20
Dibromomethane	0.125	0.132	0.124	106	99.2	75.0-122			6.25	20
1,2-Dichlorobenzene	0.125	0.114	0.118	91.2	94.4	76.0-124			3.45	20
1,3-Dichlorobenzene	0.125	0.108	0.121	86.4	96.8	76.0-125			11.4	20
1,4-Dichlorobenzene	0.125	0.114	0.126	91.2	101	77.0-121			10.0	20
Dichlorodifluoromethane	0.125	0.0976	0.108	78.1	86.4	43.0-156			10.1	20
1,1-Dichloroethane	0.125	0.131	0.130	105	104	70.0-127			0.766	20
1,2-Dichloroethane	0.125	0.112	0.109	89.6	87.2	65.0-131			2.71	20
1,1-Dichloroethene	0.125	0.120	0.125	96.0	100	65.0-131			4.08	20
cis-1,2-Dichloroethene	0.125	0.123	0.118	98.4	94.4	73.0-125			4.15	20
trans-1,2-Dichloroethene	0.125	0.122	0.127	97.6	102	71.0-125			4.02	20
1,2-Dichloropropane	0.125	0.118	0.124	94.4	99.2	74.0-125			4.96	20
1,1-Dichloropropene	0.125	0.115	0.118	92.0	94.4	73.0-125			2.58	20
1,3-Dichloropropane	0.125	0.129	0.129	103	103	80.0-125			0.000	20
cis-1,3-Dichloropropene	0.125	0.110	0.112	88.0	89.6	76.0-127			1.80	20
trans-1,3-Dichloropropene	0.125	0.112	0.113	89.6	90.4	73.0-127			0.889	20
2,2-Dichloropropane	0.125	0.121	0.123	96.8	98.4	59.0-135			1.64	20
Dicyclopentadiene	0.125	0.117	0.143	93.6	114	71.0-132			20.0	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520535-1 04/17/20 08:10 • (LCSD) R3520535-2 04/17/20 08:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.123	0.125	98.4	100	60.0-136			1.61	20
Ethylbenzene	0.125	0.108	0.113	86.4	90.4	74.0-126			4.52	20
4-Ethyltoluene	0.125	0.103	0.124	82.4	99.2	71.0-129			18.5	20
Hexachloro-1,3-butadiene	0.125	0.148	0.141	118	113	57.0-150			4.84	20
n-Hexane	0.125	0.121	0.121	96.8	96.8	55.0-137			0.000	20
Isopropylbenzene	0.125	0.120	0.126	96.0	101	72.0-127			4.88	20
p-Isopropyltoluene	0.125	0.102	0.116	81.6	92.8	72.0-133			12.8	20
2-Butanone (MEK)	0.625	0.656	0.615	105	98.4	30.0-160			6.45	24
Methyl Cyclohexane	0.125	0.120	0.123	96.0	98.4	67.0-129			2.47	20
Methylene Chloride	0.125	0.155	0.147	124	118	68.0-123	L1		5.30	20
4-Methyl-2-pentanone (MIBK)	0.625	0.696	0.680	111	109	56.0-143			2.33	20
Methyl tert-butyl ether	0.125	0.136	0.132	109	106	66.0-132			2.99	20
Naphthalene	0.125	0.125	0.124	100	99.2	59.0-130			0.803	20
Propene	0.125	0.182	0.188	146	150	10.0-160			3.24	20
n-Propylbenzene	0.125	0.110	0.131	88.0	105	74.0-126			17.4	20
Styrene	0.125	0.116	0.116	92.8	92.8	72.0-127			0.000	20
1,1,1,2-Tetrachloroethane	0.125	0.137	0.141	110	113	74.0-129			2.88	20
1,1,2,2-Tetrachloroethane	0.125	0.114	0.124	91.2	99.2	68.0-128			8.40	20
Tetrachloroethene	0.125	0.131	0.143	105	114	70.0-136			8.76	20
Toluene	0.125	0.121	0.130	96.8	104	75.0-121			7.17	20
1,1,2-Trichlorotrifluoroethane	0.125	0.115	0.123	92.0	98.4	61.0-139			6.72	20
1,2,3-Trichlorobenzene	0.125	0.122	0.135	97.6	108	59.0-139			10.1	20
1,2,4-Trichlorobenzene	0.125	0.139	0.139	111	111	62.0-137			0.000	20
1,1,1-Trichloroethane	0.125	0.121	0.123	96.8	98.4	69.0-126			1.64	20
1,1,2-Trichloroethane	0.125	0.118	0.119	94.4	95.2	78.0-123			0.844	20
Trichloroethene	0.125	0.129	0.134	103	107	76.0-126			3.80	20
Trichlorofluoromethane	0.125	0.121	0.121	96.8	96.8	61.0-142			0.000	20
1,2,3-Trichloropropane	0.125	0.124	0.137	99.2	110	67.0-129			9.96	20
1,2,3-Trimethylbenzene	0.125	0.123	0.136	98.4	109	74.0-124			10.0	20
1,2,4-Trimethylbenzene	0.125	0.104	0.121	83.2	96.8	70.0-126			15.1	20
1,3,5-Trimethylbenzene	0.125	0.110	0.129	88.0	103	73.0-127			15.9	20
Vinyl chloride	0.125	0.128	0.133	102	106	63.0-134			3.83	20
Xylenes, Total	0.375	0.327	0.342	87.2	91.2	72.0-127			4.48	20
(S) Toluene-d8				*99.1*	*102*	*75.0-131*				
(S) 4-Bromofluorobenzene				*104*	*101*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*104*	*70.0-130*				

Method Blank (MB)

(MB) R3519652-3 04/17/20 09:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U		0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3519652-3 04/17/20 09:30

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U		0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U	E4	0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*102*			*75.0-131*
(S) 4-Bromofluorobenzene	*95.8*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519652-1 04/17/20 08:10 • (LCSD) R3519652-2 04/17/20 08:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.781	0.856	125	137	10.0-160			9.16	31
Acrylonitrile	0.625	0.745	0.805	119	129	45.0-153			7.74	22
Benzene	0.125	0.143	0.134	114	107	70.0-123			6.50	20
Bromobenzene	0.125	0.132	0.139	106	111	73.0-121			5.17	20
Bromodichloromethane	0.125	0.126	0.127	101	102	73.0-121			0.791	20
Bromoform	0.125	0.142	0.151	114	121	64.0-132			6.14	20
Bromomethane	0.125	0.138	0.133	110	106	56.0-147			3.69	20
1,3-Butadiene	0.125	0.114	0.114	91.2	91.2	32.0-150			0.000	20
n-Butylbenzene	0.125	0.112	0.112	89.6	89.6	68.0-135			0.000	20
sec-Butylbenzene	0.125	0.118	0.117	94.4	93.6	74.0-130			0.851	20
tert-Butylbenzene	0.125	0.136	0.138	109	110	75.0-127			1.46	20
Carbon disulfide	0.125	0.124	0.115	99.2	92.0	56.0-133			7.53	20
Carbon tetrachloride	0.125	0.162	0.151	130	121	66.0-128	L1		7.03	20
Chlorobenzene	0.125	0.117	0.116	93.6	92.8	76.0-128			0.858	20
Chlorodibromomethane	0.125	0.175	0.167	140	134	74.0-127	L1	L1	4.68	20
Chloroethane	0.125	0.135	0.108	108	86.4	61.0-134		R7	22.2	20
Chloroform	0.125	0.104	0.108	83.2	86.4	72.0-123			3.77	20
Chloromethane	0.125	0.137	0.125	110	100	51.0-138			9.16	20
Cyclohexane	0.125	0.145	0.128	116	102	70.0-130			12.5	20
2-Chlorotoluene	0.125	0.144	0.158	115	126	75.0-124		L1	9.27	20
4-Chlorotoluene	0.125	0.111	0.135	88.8	108	75.0-124			19.5	20
1,2-Dibromo-3-Chloropropane	0.125	0.131	0.141	105	113	59.0-130			7.35	20
1,2-Dibromoethane	0.125	0.124	0.128	99.2	102	74.0-128			3.17	20
Dibromomethane	0.125	0.128	0.128	102	102	75.0-122			0.000	20
1,2-Dichlorobenzene	0.125	0.141	0.132	113	106	76.0-124			6.59	20
1,3-Dichlorobenzene	0.125	0.130	0.128	104	102	76.0-125			1.55	20
1,4-Dichlorobenzene	0.125	0.117	0.118	93.6	94.4	77.0-121			0.851	20
Dichlorodifluoromethane	0.125	0.142	0.124	114	99.2	43.0-156			13.5	20
1,1-Dichloroethane	0.125	0.150	0.137	120	110	70.0-127			9.06	20
1,2-Dichloroethane	0.125	0.137	0.142	110	114	65.0-131			3.58	20
1,1-Dichloroethene	0.125	0.154	0.145	123	116	65.0-131			6.02	20
cis-1,2-Dichloroethene	0.125	0.136	0.122	109	97.6	73.0-125			10.9	20
trans-1,2-Dichloroethene	0.125	0.140	0.132	112	106	71.0-125			5.88	20
1,2-Dichloropropane	0.125	0.135	0.147	108	118	74.0-125			8.51	20
1,1-Dichloropropene	0.125	0.110	0.111	88.0	88.8	73.0-125			0.905	20
1,3-Dichloropropane	0.125	0.133	0.139	106	111	80.0-125			4.41	20
cis-1,3-Dichloropropene	0.125	0.131	0.137	105	110	76.0-127			4.48	20
trans-1,3-Dichloropropene	0.125	0.127	0.122	102	97.6	73.0-127			4.02	20
2,2-Dichloropropane	0.125	0.165	0.164	132	131	59.0-135			0.608	20
Dicyclopentadiene	0.125	0.123	0.127	98.4	102	71.0-132			3.20	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519652-1 04/17/20 08:10 • (LCSD) R3519652-2 04/17/20 08:29

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.123	0.120	98.4	96.0	60.0-136			2.47	20
Ethylbenzene	0.125	0.107	0.110	85.6	88.0	74.0-126			2.76	20
4-Ethyltoluene	0.125	0.129	0.133	103	106	71.0-129			3.05	20
Hexachloro-1,3-butadiene	0.125	0.112	0.110	89.6	88.0	57.0-150			1.80	20
n-Hexane	0.125	0.135	0.132	108	106	55.0-137			2.25	20
Isopropylbenzene	0.125	0.126	0.122	101	97.6	72.0-127			3.23	20
p-Isopropyltoluene	0.125	0.118	0.127	94.4	102	72.0-133			7.35	20
2-Butanone (MEK)	0.625	0.719	0.748	115	120	30.0-160			3.95	24
Methyl Cyclohexane	0.125	0.139	0.127	111	102	67.0-129			9.02	20
Methylene Chloride	0.125	0.145	0.148	116	118	68.0-123			2.05	20
4-Methyl-2-pentanone (MIBK)	0.625	0.688	0.702	110	112	56.0-143			2.01	20
Methyl tert-butyl ether	0.125	0.128	0.134	102	107	66.0-132			4.58	20
Naphthalene	0.125	0.116	0.134	92.8	107	59.0-130			14.4	20
Propene	0.125	0.154	0.138	123	110	10.0-160			11.0	20
n-Propylbenzene	0.125	0.126	0.125	101	100	74.0-126			0.797	20
Styrene	0.125	0.110	0.117	88.0	93.6	72.0-127			6.17	20
1,1,1,2-Tetrachloroethane	0.125	0.106	0.110	84.8	88.0	74.0-129			3.70	20
1,1,2,2-Tetrachloroethane	0.125	0.123	0.124	98.4	99.2	68.0-128			0.810	20
Tetrachloroethene	0.125	0.116	0.112	92.8	89.6	70.0-136			3.51	20
Toluene	0.125	0.133	0.129	106	103	75.0-121			3.05	20
1,1,2-Trichlorotrifluoroethane	0.125	0.135	0.0864	108	69.1	61.0-139		R7	43.9	20
1,2,3-Trichlorobenzene	0.125	0.0996	0.112	79.7	89.6	59.0-139			11.7	20
1,2,4-Trichlorobenzene	0.125	0.117	0.133	93.6	106	62.0-137			12.8	20
1,1,1-Trichloroethane	0.125	0.136	0.118	109	94.4	69.0-126			14.2	20
1,1,2-Trichloroethane	0.125	0.142	0.143	114	114	78.0-123			0.702	20
Trichloroethene	0.125	0.116	0.112	92.8	89.6	76.0-126			3.51	20
Trichlorofluoromethane	0.125	0.134	0.127	107	102	61.0-142			5.36	20
1,2,3-Trichloropropane	0.125	0.130	0.142	104	114	67.0-129			8.82	20
1,2,3-Trimethylbenzene	0.125	0.109	0.117	87.2	93.6	74.0-124			7.08	20
1,2,4-Trimethylbenzene	0.125	0.129	0.123	103	98.4	70.0-126			4.76	20
1,3,5-Trimethylbenzene	0.125	0.135	0.134	108	107	73.0-127			0.743	20
Vinyl chloride	0.125	0.145	0.132	116	106	63.0-134			9.39	20
Xylenes, Total	0.375	0.368	0.373	98.1	99.5	72.0-127			1.35	20
(S) Toluene-d8				*100*	*103*	*75.0-131*				
(S) 4-Bromofluorobenzene				*100*	*105*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*111*	*111*	*70.0-130*				

Method Blank (MB)

(MB) R3520711-3 04/21/20 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.913	1.25
Acrylonitrile	U		0.0903	0.313
Benzene	U		0.0117	0.0250
Bromobenzene	U		0.0225	0.313
Bromodichloromethane	U		0.0181	0.0625
Bromoform	U		0.0293	0.625
Bromomethane	U		0.0493	0.313
1,3-Butadiene	U		0.128	0.625
n-Butylbenzene	U		0.131	0.313
sec-Butylbenzene	U		0.0720	0.313
tert-Butylbenzene	U		0.0488	0.125
Carbon disulfide	U		0.0175	0.313
Carbon tetrachloride	U		0.0225	0.125
Chlorobenzene	U		0.00525	0.0625
Chlorodibromomethane	U		0.0153	0.0625
Chloroethane	U		0.0425	0.125
Chloroform	U	E4	0.0258	0.0625
Chloromethane	U		0.109	0.313
Cyclohexane	U		0.0278	0.0625
2-Chlorotoluene	U		0.0216	0.0625
4-Chlorotoluene	U		0.0113	0.125
1,2-Dibromo-3-Chloropropane	U		0.0975	0.625
1,2-Dibromoethane	U		0.0162	0.0625
Dibromomethane	U		0.0188	0.125
1,2-Dichlorobenzene	U		0.0106	0.125
1,3-Dichlorobenzene	U		0.0150	0.125
1,4-Dichlorobenzene	U		0.0175	0.125
Dichlorodifluoromethane	U		0.0403	0.0625
1,1-Dichloroethane	U		0.0123	0.0625
1,2-Dichloroethane	U		0.0162	0.0625
1,1-Dichloroethene	U		0.0152	0.0625
cis-1,2-Dichloroethene	U		0.0184	0.0625
trans-1,2-Dichloroethene	U		0.0260	0.125
1,2-Dichloropropane	U		0.0355	0.125
1,1-Dichloropropene	U		0.0202	0.0625
1,3-Dichloropropane	U		0.0125	0.125
cis-1,3-Dichloropropene	U		0.0189	0.0625
trans-1,3-Dichloropropene	U		0.0285	0.125
2,2-Dichloropropane	U		0.0345	0.0625
Dicyclopentadiene	U		0.0413	0.313

Method Blank (MB)

(MB) R3520711-3 04/21/20 19:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Di-isopropyl ether	U		0.0103	0.0250
Ethylbenzene	U		0.0184	0.0625
4-Ethyltoluene	U		0.0580	0.125
Hexachloro-1,3-butadiene	U	E4	0.150	0.625
n-Hexane	U		0.0565	0.125
Isopropylbenzene	U		0.0106	0.0625
p-Isopropyltoluene	U		0.0638	0.125
2-Butanone (MEK)	U		1.59	2.50
Methyl Cyclohexane	U		0.0515	0.125
Methylene Chloride	U		0.166	0.625
4-Methyl-2-pentanone (MIBK)	U		0.0570	0.625
Methyl tert-butyl ether	U		0.00875	0.0250
Naphthalene	U		0.122	0.313
Propene	U		0.153	1.25
n-Propylbenzene	U		0.0238	0.125
Styrene	U		0.00573	0.313
1,1,1,2-Tetrachloroethane	U		0.0237	0.0625
1,1,2,2-Tetrachloroethane	U		0.0174	0.0625
Tetrachloroethene	U		0.0224	0.0625
Toluene	U		0.0325	0.125
1,1,2-Trichlorotrifluoroethane	U		0.0189	0.0625
1,2,3-Trichlorobenzene	U		0.183	0.313
1,2,4-Trichlorobenzene	U		0.110	0.313
1,1,1-Trichloroethane	U		0.0231	0.0625
1,1,2-Trichloroethane	U		0.0149	0.0625
Trichloroethene	U		0.0146	0.0250
Trichlorofluoromethane	U		0.0207	0.0625
1,2,3-Trichloropropane	U		0.0405	0.313
1,2,3-Trimethylbenzene	U		0.0395	0.125
1,2,4-Trimethylbenzene	U		0.0395	0.125
1,3,5-Trimethylbenzene	U		0.0500	0.125
Vinyl chloride	U		0.0290	0.0625
Xylenes, Total	U		0.0220	0.163
(S) Toluene-d8	*103*			*75.0-131*
(S) 4-Bromofluorobenzene	*97.0*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*109*			*70.0-130*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520711-1 04/21/20 18:18 • (LCSD) R3520711-2 04/21/20 18:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	0.619	0.642	99.0	103	10.0-160			3.65	31
Acrylonitrile	0.625	0.733	0.745	117	119	45.0-153			1.62	22
Benzene	0.125	0.122	0.128	97.6	102	70.0-123			4.80	20
Bromobenzene	0.125	0.132	0.139	106	111	73.0-121			5.17	20
Bromodichloromethane	0.125	0.113	0.121	90.4	96.8	73.0-121			6.84	20
Bromoform	0.125	0.144	0.136	115	109	64.0-132			5.71	20
Bromomethane	0.125	0.133	0.127	106	102	56.0-147			4.62	20
1,3-Butadiene	0.125	0.0924	0.0726	73.9	58.1	32.0-150		R7	24.0	20
n-Butylbenzene	0.125	0.104	0.110	83.2	88.0	68.0-135			5.61	20
sec-Butylbenzene	0.125	0.104	0.104	83.2	83.2	74.0-130			0.000	20
tert-Butylbenzene	0.125	0.122	0.120	97.6	96.0	75.0-127			1.65	20
Carbon disulfide	0.125	0.0991	0.104	79.3	83.2	56.0-133			4.83	20
Carbon tetrachloride	0.125	0.146	0.142	117	114	66.0-128			2.78	20
Chlorobenzene	0.125	0.107	0.115	85.6	92.0	76.0-128			7.21	20
Chlorodibromomethane	0.125	0.151	0.161	121	129	74.0-127		L1	6.41	20
Chloroethane	0.125	0.118	0.112	94.4	89.6	61.0-134			5.22	20
Chloroform	0.125	0.0999	0.104	79.9	83.2	72.0-123			4.02	20
Chloromethane	0.125	0.123	0.124	98.4	99.2	51.0-138			0.810	20
Cyclohexane	0.125	0.133	0.122	106	97.6	70.0-130			8.63	20
2-Chlorotoluene	0.125	0.126	0.140	101	112	75.0-124			10.5	20
4-Chlorotoluene	0.125	0.117	0.113	93.6	90.4	75.0-124			3.48	20
1,2-Dibromo-3-Chloropropane	0.125	0.114	0.106	91.2	84.8	59.0-130			7.27	20
1,2-Dibromoethane	0.125	0.109	0.118	87.2	94.4	74.0-128			7.93	20
Dibromomethane	0.125	0.130	0.126	104	101	75.0-122			3.12	20
1,2-Dichlorobenzene	0.125	0.129	0.124	103	99.2	76.0-124			3.95	20
1,3-Dichlorobenzene	0.125	0.115	0.111	92.0	88.8	76.0-125			3.54	20
1,4-Dichlorobenzene	0.125	0.110	0.107	88.0	85.6	77.0-121			2.76	20
Dichlorodifluoromethane	0.125	0.113	0.119	90.4	95.2	43.0-156			5.17	20
1,1-Dichloroethane	0.125	0.134	0.141	107	113	70.0-127			5.09	20
1,2-Dichloroethane	0.125	0.136	0.132	109	106	65.0-131			2.99	20
1,1-Dichloroethene	0.125	0.126	0.127	101	102	65.0-131			0.791	20
cis-1,2-Dichloroethene	0.125	0.117	0.121	93.6	96.8	73.0-125			3.36	20
trans-1,2-Dichloroethene	0.125	0.116	0.117	92.8	93.6	71.0-125			0.858	20
1,2-Dichloropropane	0.125	0.119	0.134	95.2	107	74.0-125			11.9	20
1,1-Dichloropropene	0.125	0.0971	0.105	77.7	84.0	73.0-125			7.82	20
1,3-Dichloropropane	0.125	0.128	0.130	102	104	80.0-125			1.55	20
cis-1,3-Dichloropropene	0.125	0.132	0.135	106	108	76.0-127			2.25	20
trans-1,3-Dichloropropene	0.125	0.122	0.123	97.6	98.4	73.0-127			0.816	20
2,2-Dichloropropane	0.125	0.148	0.147	118	118	59.0-135			0.678	20
Dicyclopentadiene	0.125	0.116	0.122	92.8	97.6	71.0-132			5.04	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3520711-1 04/21/20 18:18 • (LCSD) R3520711-2 04/21/20 18:38

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Di-isopropyl ether	0.125	0.101	0.106	80.8	84.8	60.0-136			4.83	20
Ethylbenzene	0.125	0.103	0.107	82.4	85.6	74.0-126			3.81	20
4-Ethyltoluene	0.125	0.118	0.124	94.4	99.2	71.0-129			4.96	20
Hexachloro-1,3-butadiene	0.125	0.108	0.109	86.4	87.2	57.0-150			0.922	20
n-Hexane	0.125	0.120	0.122	96.0	97.6	55.0-137			1.65	20
Isopropylbenzene	0.125	0.112	0.116	89.6	92.8	72.0-127			3.51	20
p-Isopropyltoluene	0.125	0.110	0.110	88.0	88.0	72.0-133			0.000	20
2-Butanone (MEK)	0.625	0.692	0.643	111	103	30.0-160			7.34	24
Methyl Cyclohexane	0.125	0.111	0.112	88.8	89.6	67.0-129			0.897	20
Methylene Chloride	0.125	0.120	0.114	96.0	91.2	68.0-123			5.13	20
4-Methyl-2-pentanone (MIBK)	0.625	0.611	0.619	97.8	99.0	56.0-143			1.30	20
Methyl tert-butyl ether	0.125	0.113	0.121	90.4	96.8	66.0-132			6.84	20
Naphthalene	0.125	0.0947	0.101	75.8	80.8	59.0-130			6.44	20
Propene	0.125	0.0545	0.0593	43.6	47.4	10.0-160			8.44	20
n-Propylbenzene	0.125	0.113	0.117	90.4	93.6	74.0-126			3.48	20
Styrene	0.125	0.105	0.114	84.0	91.2	72.0-127			8.22	20
1,1,1,2-Tetrachloroethane	0.125	0.0959	0.114	76.7	91.2	74.0-129			17.2	20
1,1,2,2-Tetrachloroethane	0.125	0.117	0.113	93.6	90.4	68.0-128			3.48	20
Tetrachloroethene	0.125	0.102	0.112	81.6	89.6	70.0-136			9.35	20
Toluene	0.125	0.120	0.126	96.0	101	75.0-121			4.88	20
1,1,2-Trichlorotrifluoroethane	0.125	0.0940	0.0949	75.2	75.9	61.0-139			0.953	20
1,2,3-Trichlorobenzene	0.125	0.0935	0.0929	74.8	74.3	59.0-139			0.644	20
1,2,4-Trichlorobenzene	0.125	0.105	0.110	84.0	88.0	62.0-137			4.65	20
1,1,1-Trichloroethane	0.125	0.119	0.116	95.2	92.8	69.0-126			2.55	20
1,1,2-Trichloroethane	0.125	0.126	0.132	101	106	78.0-123			4.65	20
Trichloroethene	0.125	0.104	0.102	83.2	81.6	76.0-126			1.94	20
Trichlorofluoromethane	0.125	0.114	0.114	91.2	91.2	61.0-142			0.000	20
1,2,3-Trichloropropane	0.125	0.127	0.116	102	92.8	67.0-129			9.05	20
1,2,3-Trimethylbenzene	0.125	0.100	0.102	80.0	81.6	74.0-124			1.98	20
1,2,4-Trimethylbenzene	0.125	0.113	0.112	90.4	89.6	70.0-126			0.889	20
1,3,5-Trimethylbenzene	0.125	0.122	0.122	97.6	97.6	73.0-127			0.000	20
Vinyl chloride	0.125	0.129	0.138	103	110	63.0-134			6.74	20
Xylenes, Total	0.375	0.341	0.356	90.9	94.9	72.0-127			4.30	20
(S) Toluene-d8				*99.2*	*101*	*75.0-131*				
(S) 4-Bromofluorobenzene				*103*	*103*	*67.0-138*				
(S) 1,2-Dichloroethane-d4				*107*	*108*	*70.0-130*				

Method Blank (MB)

(MB) R3519664-1 04/17/20 15:22

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
PCB 1260	U		0.000173	0.000500
PCB 1016	U		0.000269	0.00100
PCB 1221	U		0.000269	0.00100
PCB 1232	U		0.000269	0.00100
PCB 1242	U		0.000269	0.00100
PCB 1248	U		0.000173	0.000500
PCB 1254	U		0.000173	0.000500
(S) Decachlorobiphenyl	*149*	S10		*10.0-128*
(S) Tetrachloro-m-xylene	*131*	S10		*10.0-127*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519664-2 04/17/20 15:35 • (LCSD) R3519664-3 04/17/20 15:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.00250	0.00329	0.00301	132	120	42.0-131	L1		8.89	25
PCB 1016	0.00250	0.00314	0.00292	126	117	36.0-135			7.26	29
(S) Decachlorobiphenyl				*134*	*122*	*10.0-128*	S10			
(S) Tetrachloro-m-xylene				*114*	*108*	*10.0-127*				

Method Blank (MB)

(MB) R3520815-1 04/21/20 21:01

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*105*			*10.0-135*
(S) Tetrachloro-m-xylene	*101*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3520815-2 04/21/20 21:15

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.146	87.4	37.0-145	
PCB 1016	0.167	0.128	76.6	36.0-141	
(S) Decachlorobiphenyl			*86.8*	*10.0-135*	
(S) Tetrachloro-m-xylene			*84.4*	*10.0-139*	

L1209018-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209018-05 04/21/20 22:26 • (MS) R3520815-3 04/21/20 22:40 • (MSD) R3520815-4 04/21/20 22:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.163	ND	0.138	0.144	84.7	88.9	1	10.0-160			4.26	38
PCB 1016	0.163	ND	0.121	0.126	74.2	77.8	1	10.0-160			4.05	37
(S) Decachlorobiphenyl					*59.4*	*66.3*		*10.0-135*				
(S) Tetrachloro-m-xylene					*69.7*	*78.0*		*10.0-139*				

Method Blank (MB)

(MB) R3520550-1 04/21/20 12:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*83.2*		*10.0-135*	
(S) Tetrachloro-m-xylene	*88.4*		*10.0-139*	

Laboratory Control Sample (LCS)

(LCS) R3520550-2 04/21/20 12:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.170	102	37.0-145	
PCB 1016	0.167	0.177	106	36.0-141	
(S) Decachlorobiphenyl			*96.8*	*10.0-135*	
(S) Tetrachloro-m-xylene			*100*	*10.0-139*	

L1209083-16 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-16 04/21/20 12:38 • (MS) R3520550-3 04/21/20 12:51 • (MSD) R3520550-4 04/21/20 13:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.142	0.122	85.0	73.1	1	10.0-160			15.2	38
PCB 1016	0.167	ND	0.149	0.127	89.2	76.0	1	10.0-160			15.9	37
(S) Decachlorobiphenyl					*78.8*	*63.7*		*10.0-135*				
(S) Tetrachloro-m-xylene					*84.2*	*72.1*		*10.0-139*				

Method Blank (MB)

(MB) R3520255-1 04/20/20 14:23

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
PCB 1016	U		0.0118	0.0340
PCB 1221	U		0.0118	0.0340
PCB 1232	U		0.0118	0.0340
PCB 1242	U		0.0118	0.0340
PCB 1248	U		0.00738	0.0170
PCB 1254	U		0.00738	0.0170
PCB 1260	U		0.00738	0.0170
(S) Decachlorobiphenyl	*46.5*			*10.0-135*
(S) Tetrachloro-m-xylene	*40.2*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3520255-2 04/20/20 14:36

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
PCB 1260	0.167	0.140	83.8	37.0-145	
PCB 1016	0.167	0.134	80.2	36.0-141	
(S) Decachlorobiphenyl			*90.1*	*10.0-135*	
(S) Tetrachloro-m-xylene			*79.3*	*10.0-139*	

L1209083-38 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-38 04/20/20 15:13 • (MS) R3520255-3 04/20/20 15:26 • (MSD) R3520255-4 04/20/20 15:38

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
PCB 1260	0.167	ND	0.133	0.159	79.6	95.2	1	10.0-160			17.8	38
PCB 1016	0.167	ND	0.133	0.162	79.6	97.0	1	10.0-160			19.7	37
(S) Decachlorobiphenyl					*83.2*	*99.1*		*10.0-135*				
(S) Tetrachloro-m-xylene					*80.6*	*95.6*		*10.0-139*				

Method Blank (MB)

(MB) R3519485-1 04/17/20 03:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	0.00000624	E4	0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	U		0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*107*			*31.0-160*
(S) 2-Fluorobiphenyl	*92.5*			*48.0-148*
(S) p-Terphenyl-d14	*108*			*37.0-146*

Method Blank (MB)

(MB) R3519501-1 04/17/20 09:31

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Anthracene	U		0.0000140	0.0000500
Acenaphthene	U		0.0000100	0.0000500
Acenaphthylene	U		0.0000120	0.0000500
Benzo(a)anthracene	U		0.00000410	0.0000500
Benzo(a)pyrene	U		0.0000116	0.0000500
Benzo(b)fluoranthene	U		0.00000212	0.0000500
Benzo(g,h,i)perylene	U		0.00000227	0.0000500
Benzo(k)fluoranthene	U		0.0000136	0.0000500
Chrysene	U		0.0000108	0.0000500
Dibenz(a,h)anthracene	U		0.00000396	0.0000500
Fluoranthene	U		0.0000157	0.0000500

Method Blank (MB)

(MB) R3519501-1 04/17/20 09:31

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Fluorene	U		0.00000850	0.0000500
Indeno(1,2,3-cd)pyrene	U		0.0000148	0.0000500
Naphthalene	0.0000225	E4	0.0000198	0.000250
Phenanthrene	U		0.00000820	0.0000500
Pyrene	U		0.0000117	0.0000500
1-Methylnaphthalene	U		0.00000821	0.000250
2-Methylnaphthalene	U		0.00000902	0.000250
2-Chloronaphthalene	U		0.00000647	0.000250
(S) Nitrobenzene-d5	*108*			*31.0-160*
(S) 2-Fluorobiphenyl	*104*			*48.0-148*
(S) p-Terphenyl-d14	*120*			*37.0-146*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3519485-2 04/17/20 03:23 • (LCSD) R3519485-3 04/17/20 03:46

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00252	0.00266	126	133	67.0-150			5.41	20
Acenaphthene	0.00200	0.00193	0.00200	96.5	100	65.0-138			3.56	20
Acenaphthylene	0.00200	0.00183	0.00192	91.5	96.0	66.0-140			4.80	20
Benzo(a)anthracene	0.00200	0.00230	0.00239	115	119	61.0-140			3.84	20
Benzo(a)pyrene	0.00200	0.00222	0.00231	111	115	60.0-143			3.97	20
Benzo(b)fluoranthene	0.00200	0.00204	0.00225	102	112	58.0-141			9.79	20
Benzo(g,h,i)perylene	0.00200	0.00238	0.00249	119	124	52.0-153			4.52	20
Benzo(k)fluoranthene	0.00200	0.00230	0.00225	115	112	58.0-148			2.20	20
Chrysene	0.00200	0.00235	0.00245	117	122	64.0-144			4.17	20
Dibenz(a,h)anthracene	0.00200	0.00238	0.00248	119	124	52.0-155			4.12	20
Fluoranthene	0.00200	0.00234	0.00246	117	123	69.0-153			5.00	20
Fluorene	0.00200	0.00205	0.00212	102	106	64.0-136			3.36	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00240	0.00248	120	124	54.0-153			3.28	20
Naphthalene	0.00200	0.00200	0.00207	100	103	61.0-137			3.44	20
Phenanthrene	0.00200	0.00221	0.00230	111	115	62.0-137			3.99	20
Pyrene	0.00200	0.00194	0.00205	97.0	102	60.0-142			5.51	20
1-Methylnaphthalene	0.00200	0.00231	0.00241	115	120	66.0-142			4.24	20
2-Methylnaphthalene	0.00200	0.00220	0.00228	110	114	62.0-136			3.57	20
2-Chloronaphthalene	0.00200	0.00179	0.00184	89.5	92.0	64.0-140			2.75	20
(S) Nitrobenzene-d5				*99.5*	*102*	*31.0-160*				
(S) 2-Fluorobiphenyl				*89.5*	*92.0*	*48.0-148*				
(S) p-Terphenyl-d14				*105*	*110*	*37.0-146*				

Method Blank (MB)

(MB) R3519938-2 04/19/20 09:32

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*63.5*			*14.0-149*
(S) 2-Fluorobiphenyl	*67.0*			*34.0-125*
(S) p-Terphenyl-d14	*76.1*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3519938-1 04/19/20 09:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0552	69.0	50.0-126	
Acenaphthene	0.0800	0.0541	67.6	50.0-120	
Acenaphthylene	0.0800	0.0579	72.4	50.0-120	
Benzo(a)anthracene	0.0800	0.0562	70.3	45.0-120	
Benzo(a)pyrene	0.0800	0.0473	59.1	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0499	62.4	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0494	61.8	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0554	69.3	49.0-125	
Chrysene	0.0800	0.0564	70.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0516	64.5	47.0-125	
Fluoranthene	0.0800	0.0620	77.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3519938-1 04/19/20 09:12

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0570	71.3	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0508	63.5	46.0-125	
Naphthalene	0.0800	0.0511	63.9	50.0-120	
Phenanthrene	0.0800	0.0569	71.1	47.0-120	
Pyrene	0.0800	0.0520	65.0	43.0-123	
1-Methylnaphthalene	0.0800	0.0497	62.1	51.0-121	
2-Methylnaphthalene	0.0800	0.0479	59.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0526	65.8	50.0-120	
(S) Nitrobenzene-d5			*72.4*	*14.0-149*	
(S) 2-Fluorobiphenyl			*69.9*	*34.0-125*	
(S) p-Terphenyl-d14			*77.9*	*23.0-120*	

L1209083-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-01 04/19/20 09:53 • (MS) R3519938-3 04/19/20 10:14 • (MSD) R3519938-4 04/19/20 10:35

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0796	ND	0.0429	0.0452	53.9	56.8	1	10.0-145			5.22	30
Acenaphthene	0.0796	ND	0.0410	0.0436	51.5	54.8	1	14.0-127			6.15	27
Acenaphthylene	0.0796	ND	0.0431	0.0458	54.1	57.5	1	21.0-124			6.07	25
Benzo(a)anthracene	0.0796	0.0379	0.0704	0.0652	40.8	34.3	1	10.0-139			7.67	30
Benzo(a)pyrene	0.0796	0.0576	0.0763	0.0695	23.5	14.9	1	10.0-141			9.33	31
Benzo(b)fluoranthene	0.0796	0.0871	0.0987	0.0861	14.6	0.000	1	10.0-140		M2	13.6	36
Benzo(g,h,i)perylene	0.0796	0.0587	0.0758	0.0692	21.5	13.2	1	10.0-140			9.10	33
Benzo(k)fluoranthene	0.0796	0.0373	0.0606	0.0588	29.3	27.0	1	10.0-137			3.02	31
Chrysene	0.0796	0.0520	0.0857	0.0769	42.3	31.3	1	10.0-145			10.8	30
Dibenz(a,h)anthracene	0.0796	0.0119	0.0428	0.0428	38.8	38.8	1	10.0-132			0.000	31
Fluoranthene	0.0796	0.0982	0.111	0.0990	16.1	1.01	1	10.0-153		M2	11.4	33
Fluorene	0.0796	ND	0.0422	0.0453	53.0	56.9	1	11.0-130			7.09	29
Indeno(1,2,3-cd)pyrene	0.0796	0.0471	0.0689	0.0643	27.4	21.6	1	10.0-137			6.91	32
Naphthalene	0.0796	ND	0.0436	0.0445	54.8	55.9	1	10.0-135			2.04	27
Phenanthrene	0.0796	0.0211	0.0574	0.0552	45.6	42.8	1	10.0-144			3.91	31
Pyrene	0.0796	0.0855	0.0991	0.0859	17.1	0.503	1	10.0-148		M2	14.3	35
1-Methylnaphthalene	0.0796	ND	0.0404	0.0421	50.8	52.9	1	10.0-142			4.12	28
2-Methylnaphthalene	0.0796	ND	0.0399	0.0413	50.1	51.9	1	10.0-137			3.45	28
2-Chloronaphthalene	0.0796	ND	0.0402	0.0425	50.5	53.4	1	29.0-120			5.56	24
(S) Nitrobenzene-d5					*57.6*	*55.2*		*14.0-149*				
(S) 2-Fluorobiphenyl					*55.7*	*53.4*		*34.0-125*				
(S) p-Terphenyl-d14					*62.0*	*59.5*		*23.0-120*				

Method Blank (MB)

(MB) R3520098-2 04/20/20 10:38

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	0.00295	E4	0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	0.00400	E4	0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*95.3*			*14.0-149*
(S) 2-Fluorobiphenyl	*85.7*			*34.0-125*
(S) p-Terphenyl-d14	*82.1*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3520098-1 04/20/20 10:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0675	84.4	50.0-126	
Acenaphthene	0.0800	0.0666	83.3	50.0-120	
Acenaphthylene	0.0800	0.0756	94.5	50.0-120	
Benzo(a)anthracene	0.0800	0.0672	84.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0607	75.9	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0568	71.0	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0631	78.9	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0685	85.6	49.0-125	
Chrysene	0.0800	0.0636	79.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0679	84.9	47.0-125	
Fluoranthene	0.0800	0.0658	82.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3520098-1 04/20/20 10:17

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0664	83.0	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0669	83.6	46.0-125	
Naphthalene	0.0800	0.0616	77.0	50.0-120	
Phenanthrene	0.0800	0.0640	80.0	47.0-120	
Pyrene	0.0800	0.0638	79.8	43.0-123	
1-Methylnaphthalene	0.0800	0.0655	81.9	51.0-121	
2-Methylnaphthalene	0.0800	0.0603	75.4	50.0-120	
2-Chloronaphthalene	0.0800	0.0672	84.0	50.0-120	
(S) Nitrobenzene-d5			*88.2*	*14.0-149*	
(S) 2-Fluorobiphenyl			*86.2*	*34.0-125*	
(S) p-Terphenyl-d14			*81.4*	*23.0-120*	

L1209083-21 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-21 04/20/20 16:49 • (MS) R3520098-3 04/20/20 17:10 • (MSD) R3520098-4 04/20/20 17:31

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0367	0.0434	45.9	54.0	1	10.0-145			16.7	30
Acenaphthene	0.0800	ND	0.0369	0.0438	46.1	54.5	1	14.0-127			17.1	27
Acenaphthylene	0.0800	ND	0.0418	0.0498	52.3	61.9	1	21.0-124			17.5	25
Benzo(a)anthracene	0.0800	ND	0.0395	0.0460	49.4	57.2	1	10.0-139			15.2	30
Benzo(a)pyrene	0.0800	ND	0.0379	0.0452	47.4	56.2	1	10.0-141			17.6	31
Benzo(b)fluoranthene	0.0800	0.00776	0.0379	0.0450	37.7	46.3	1	10.0-140			17.1	36
Benzo(g,h,i)perylene	0.0800	ND	0.0378	0.0494	47.3	61.4	1	10.0-140			26.6	33
Benzo(k)fluoranthene	0.0800	ND	0.0349	0.0417	43.6	51.9	1	10.0-137			17.8	31
Chrysene	0.0800	ND	0.0389	0.0457	48.6	56.8	1	10.0-145			16.1	30
Dibenz(a,h)anthracene	0.0800	ND	0.0365	0.0440	45.6	54.7	1	10.0-132			18.6	31
Fluoranthene	0.0800	0.00771	0.0424	0.0494	43.4	51.9	1	10.0-153			15.3	33
Fluorene	0.0800	ND	0.0366	0.0433	45.8	53.9	1	11.0-130			16.8	29
Indeno(1,2,3-cd)pyrene	0.0800	ND	0.0377	0.0458	47.1	57.0	1	10.0-137			19.4	32
Naphthalene	0.0800	ND	0.0360	0.0425	45.0	52.9	1	10.0-135			16.6	27
Phenanthrene	0.0800	ND	0.0360	0.0426	45.0	53.0	1	10.0-144			16.8	31
Pyrene	0.0800	0.00791	0.0399	0.0465	40.0	48.0	1	10.0-148			15.3	35
1-Methylnaphthalene	0.0800	ND	0.0362	0.0429	45.3	53.4	1	10.0-142			16.9	28
2-Methylnaphthalene	0.0800	ND	0.0337	0.0403	42.1	50.1	1	10.0-137			17.8	28
2-Chloronaphthalene	0.0800	ND	0.0371	0.0443	46.4	55.1	1	29.0-120			17.7	24
(S) Nitrobenzene-d5					*49.4*	*59.4*		*14.0-149*				
(S) 2-Fluorobiphenyl					*46.8*	*54.4*		*34.0-125*				
(S) p-Terphenyl-d14					*44.0*	*51.8*		*23.0-120*				

Method Blank (MB)

(MB) R3520229-2 04/20/20 15:46

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*47.6*			*14.0-149*
(S) 2-Fluorobiphenyl	*62.8*			*34.0-125*
(S) p-Terphenyl-d14	*63.2*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3520229-1 04/20/20 15:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0591	73.9	50.0-126	
Acenaphthene	0.0800	0.0593	74.1	50.0-120	
Acenaphthylene	0.0800	0.0619	77.4	50.0-120	
Benzo(a)anthracene	0.0800	0.0601	75.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0506	63.3	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0512	64.0	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0541	67.6	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0650	81.3	49.0-125	
Chrysene	0.0800	0.0631	78.9	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0561	70.1	47.0-125	
Fluoranthene	0.0800	0.0694	86.8	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3520229-1 04/20/20 15:25

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0607	75.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0558	69.8	46.0-125	
Naphthalene	0.0800	0.0569	71.1	50.0-120	
Phenanthrene	0.0800	0.0621	77.6	47.0-120	
Pyrene	0.0800	0.0569	71.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0551	68.9	51.0-121	
2-Methylnaphthalene	0.0800	0.0522	65.3	50.0-120	
2-Chloronaphthalene	0.0800	0.0587	73.4	50.0-120	
(S) Nitrobenzene-d5			*57.2*	*14.0-149*	
(S) 2-Fluorobiphenyl			*66.1*	*34.0-125*	
(S) p-Terphenyl-d14			*74.9*	*23.0-120*	

L1209083-41 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209083-41 04/20/20 19:13 • (MS) R3520229-3 04/20/20 19:34 • (MSD) R3520229-4 04/20/20 19:54

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0792	ND	0.0475	0.0480	60.0	60.0	1	10.0-145			1.05	30
Acenaphthene	0.0792	ND	0.0495	0.0499	62.5	62.4	1	14.0-127			0.805	27
Acenaphthylene	0.0792	ND	0.0525	0.0525	66.3	65.6	1	21.0-124			0.000	25
Benzo(a)anthracene	0.0792	ND	0.0514	0.0509	64.9	63.6	1	10.0-139			0.978	30
Benzo(a)pyrene	0.0792	ND	0.0468	0.0463	59.1	57.9	1	10.0-141			1.07	31
Benzo(b)fluoranthene	0.0792	ND	0.0429	0.0433	54.2	54.1	1	10.0-140			0.928	36
Benzo(g,h,i)perylene	0.0792	ND	0.0451	0.0445	56.9	55.6	1	10.0-140			1.34	33
Benzo(k)fluoranthene	0.0792	ND	0.0530	0.0517	66.9	64.6	1	10.0-137			2.48	31
Chrysene	0.0792	ND	0.0516	0.0507	65.2	63.4	1	10.0-145			1.76	30
Dibenz(a,h)anthracene	0.0792	ND	0.0463	0.0455	58.5	56.9	1	10.0-132			1.74	31
Fluoranthene	0.0792	ND	0.0591	0.0590	74.6	73.8	1	10.0-153			0.169	33
Fluorene	0.0792	ND	0.0508	0.0504	64.1	63.0	1	11.0-130			0.791	29
Indeno(1,2,3-cd)pyrene	0.0792	ND	0.0461	0.0456	58.2	57.0	1	10.0-137			1.09	32
Naphthalene	0.0792	ND	0.0490	0.0487	61.9	60.9	1	10.0-135			0.614	27
Phenanthrene	0.0792	ND	0.0513	0.0512	64.8	64.0	1	10.0-144			0.195	31
Pyrene	0.0792	ND	0.0481	0.0475	60.7	59.4	1	10.0-148			1.26	35
1-Methylnaphthalene	0.0792	ND	0.0471	0.0472	59.5	59.0	1	10.0-142			0.212	28
2-Methylnaphthalene	0.0792	ND	0.0450	0.0448	56.8	56.0	1	10.0-137			0.445	28
2-Chloronaphthalene	0.0792	ND	0.0486	0.0490	61.4	61.3	1	29.0-120			0.820	24
(S) Nitrobenzene-d5					*51.1*	*52.9*		*14.0-149*				
(S) 2-Fluorobiphenyl					*54.5*	*55.9*		*34.0-125*				
(S) p-Terphenyl-d14					*63.2*	*62.5*		*23.0-120*				

Method Blank (MB)

(MB) R3520289-2 04/20/20 22:33

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*133*			*14.0-149*
(S) 2-Fluorobiphenyl	*98.7*			*34.0-125*
(S) p-Terphenyl-d14	*118*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3520289-1 04/20/20 22:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0689	86.1	50.0-126	
Acenaphthene	0.0800	0.0720	90.0	50.0-120	
Acenaphthylene	0.0800	0.0745	93.1	50.0-120	
Benzo(a)anthracene	0.0800	0.0753	94.1	45.0-120	
Benzo(a)pyrene	0.0800	0.0671	83.9	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0712	89.0	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0729	91.1	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0726	90.8	49.0-125	
Chrysene	0.0800	0.0734	91.8	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0739	92.4	47.0-125	
Fluoranthene	0.0800	0.0748	93.5	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3520289-1 04/20/20 22:11

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0751	93.9	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0739	92.4	46.0-125	
Naphthalene	0.0800	0.0671	83.9	50.0-120	
Phenanthrene	0.0800	0.0666	83.3	47.0-120	
Pyrene	0.0800	0.0713	89.1	43.0-123	
1-Methylnaphthalene	0.0800	0.0682	85.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0655	81.9	50.0-120	
2-Chloronaphthalene	0.0800	0.0669	83.6	50.0-120	
(S) Nitrobenzene-d5			*128*	*14.0-149*	
(S) 2-Fluorobiphenyl			*93.2*	*34.0-125*	
(S) p-Terphenyl-d14			*109*	*23.0-120*	

L1209342-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1209342-01 04/21/20 03:21 • (MS) R3520289-3 04/21/20 03:43 • (MSD) R3520289-4 04/21/20 04:05

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	ND	0.0602	0.0661	75.3	82.6	1	10.0-145			9.34	30
Acenaphthene	0.0800	ND	0.0640	0.0647	80.0	80.9	1	14.0-127			1.09	27
Acenaphthylene	0.0800	ND	0.0678	0.0624	84.8	78.0	1	21.0-124			8.29	25
Benzo(a)anthracene	0.0800	0.0150	0.0781	0.0913	78.9	95.4	1	10.0-139			15.6	30
Benzo(a)pyrene	0.0800	0.0142	0.0747	0.0838	75.6	87.0	1	10.0-141			11.5	31
Benzo(b)fluoranthene	0.0800	0.0239	0.0833	0.0955	74.3	89.5	1	10.0-140			13.6	36
Benzo(g,h,i)perylene	0.0800	0.0121	0.0752	0.0777	78.9	82.0	1	10.0-140			3.27	33
Benzo(k)fluoranthene	0.0800	0.00746	0.0661	0.0693	73.3	77.3	1	10.0-137			4.73	31
Chrysene	0.0800	0.0183	0.0793	0.0917	76.3	91.8	1	10.0-145			14.5	30
Dibenz(a,h)anthracene	0.0800	ND	0.0649	0.0621	81.1	77.6	1	10.0-132			4.41	31
Fluoranthene	0.0800	0.0311	0.0886	0.132	71.9	126	1	10.0-153		R5	39.3	33
Fluorene	0.0800	ND	0.0657	0.0654	82.1	81.8	1	11.0-130			0.458	29
Indeno(1,2,3-cd)pyrene	0.0800	0.0100	0.0725	0.0755	78.1	81.9	1	10.0-137			4.05	32
Naphthalene	0.0800	ND	0.0654	0.0627	81.8	78.4	1	10.0-135			4.22	27
Phenanthrene	0.0800	0.0125	0.0656	0.101	66.4	111	1	10.0-144		R5	42.5	31
Pyrene	0.0800	0.0282	0.0862	0.121	72.5	116	1	10.0-148			33.6	35
1-Methylnaphthalene	0.0800	ND	0.0653	0.0629	81.6	78.6	1	10.0-142			3.74	28
2-Methylnaphthalene	0.0800	ND	0.0632	0.0611	79.0	76.4	1	10.0-137			3.38	28
2-Chloronaphthalene	0.0800	ND	0.0603	0.0569	75.4	71.1	1	29.0-120			5.80	24
(S) Nitrobenzene-d5					*132*	*132*		*14.0-149*				
(S) 2-Fluorobiphenyl					*89.2*	*87.1*		*34.0-125*				
(S) p-Terphenyl-d14					*100*	*95.8*		*23.0-120*				

Method Blank (MB)

(MB) R3520571-2 04/21/20 14:59

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Anthracene	U		0.00230	0.00600
Acenaphthene	U		0.00209	0.00600
Acenaphthylene	U		0.00216	0.00600
Benzo(a)anthracene	U		0.00173	0.00600
Benzo(a)pyrene	U		0.00179	0.00600
Benzo(b)fluoranthene	U		0.00153	0.00600
Benzo(g,h,i)perylene	U		0.00177	0.00600
Benzo(k)fluoranthene	U		0.00215	0.00600
Chrysene	U		0.00232	0.00600
Dibenz(a,h)anthracene	U		0.00172	0.00600
Fluoranthene	U		0.00227	0.00600
Fluorene	U		0.00205	0.00600
Indeno(1,2,3-cd)pyrene	U		0.00181	0.00600
Naphthalene	U		0.00408	0.0200
Phenanthrene	U		0.00231	0.00600
Pyrene	U		0.00200	0.00600
1-Methylnaphthalene	U		0.00449	0.0200
2-Methylnaphthalene	U		0.00427	0.0200
2-Chloronaphthalene	U		0.00466	0.0200
(S) Nitrobenzene-d5	*66.1*			*14.0-149*
(S) 2-Fluorobiphenyl	*67.6*			*34.0-125*
(S) p-Terphenyl-d14	*74.2*			*23.0-120*

Laboratory Control Sample (LCS)

(LCS) R3520571-1 04/21/20 14:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Anthracene	0.0800	0.0579	72.4	50.0-126	
Acenaphthene	0.0800	0.0581	72.6	50.0-120	
Acenaphthylene	0.0800	0.0602	75.3	50.0-120	
Benzo(a)anthracene	0.0800	0.0592	74.0	45.0-120	
Benzo(a)pyrene	0.0800	0.0492	61.5	42.0-120	
Benzo(b)fluoranthene	0.0800	0.0508	63.5	42.0-121	
Benzo(g,h,i)perylene	0.0800	0.0537	67.1	45.0-125	
Benzo(k)fluoranthene	0.0800	0.0638	79.8	49.0-125	
Chrysene	0.0800	0.0620	77.5	49.0-122	
Dibenz(a,h)anthracene	0.0800	0.0556	69.5	47.0-125	
Fluoranthene	0.0800	0.0658	82.3	49.0-129	

Laboratory Control Sample (LCS)

(LCS) R3520571-1 04/21/20 14:39

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Fluorene	0.0800	0.0609	76.1	49.0-120	
Indeno(1,2,3-cd)pyrene	0.0800	0.0554	69.3	46.0-125	
Naphthalene	0.0800	0.0560	70.0	50.0-120	
Phenanthrene	0.0800	0.0613	76.6	47.0-120	
Pyrene	0.0800	0.0558	69.8	43.0-123	
1-Methylnaphthalene	0.0800	0.0538	67.3	51.0-121	
2-Methylnaphthalene	0.0800	0.0517	64.6	50.0-120	
2-Chloronaphthalene	0.0800	0.0578	72.3	50.0-120	
(S) Nitrobenzene-d5			*68.5*	*14.0-149*	
(S) 2-Fluorobiphenyl			*70.0*	*34.0-125*	
(S) p-Terphenyl-d14			*76.4*	*23.0-120*	

L1210563-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1210563-01 04/21/20 15:20 • (MS) R3520571-3 04/21/20 15:41 • (MSD) R3520571-4 04/21/20 16:02

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0964	ND	0.0461	0.0532	47.8	54.9	1	10.0-145			14.3	30
Acenaphthene	0.0964	ND	0.0413	0.0524	42.9	54.0	1	14.0-127			23.5	27
Acenaphthylene	0.0964	ND	0.0450	0.0549	46.7	56.7	1	21.0-124			19.8	25
Benzo(a)anthracene	0.0964	0.00850	0.0517	0.0610	44.9	54.2	1	10.0-139			16.5	30
Benzo(a)pyrene	0.0964	ND	0.0482	0.0560	42.9	50.7	1	10.0-141			15.0	31
Benzo(b)fluoranthene	0.0964	0.00849	0.0402	0.0509	32.9	43.8	1	10.0-140			23.4	36
Benzo(g,h,i)perylene	0.0964	ND	0.0426	0.0500	39.8	47.3	1	10.0-140			16.1	33
Benzo(k)fluoranthene	0.0964	ND	0.0557	0.0602	53.4	57.8	1	10.0-137			7.81	31
Chrysene	0.0964	0.00815	0.0588	0.0652	52.6	58.9	1	10.0-145			10.3	30
Dibenz(a,h)anthracene	0.0964	ND	0.0488	0.0513	50.6	52.9	1	10.0-132			4.89	31
Fluoranthene	0.0964	0.0186	0.0517	0.0709	34.4	54.0	1	10.0-153			31.3	33
Fluorene	0.0964	ND	0.0426	0.0528	44.2	54.5	1	11.0-130			21.5	29
Indeno(1,2,3-cd)pyrene	0.0964	ND	0.0459	0.0516	43.9	49.6	1	10.0-137			11.8	32
Naphthalene	0.0964	ND	0.0505	0.0588	52.4	60.7	1	10.0-135			15.2	27
Phenanthrene	0.0964	0.00758	0.0446	0.0582	38.5	52.3	1	10.0-144			26.4	31
Pyrene	0.0964	0.0135	0.0428	0.0580	30.5	46.0	1	10.0-148			30.1	35
1-Methylnaphthalene	0.0964	ND	0.0421	0.0533	43.7	55.1	1	10.0-142			23.6	28
2-Methylnaphthalene	0.0964	ND	0.0411	0.0521	42.6	53.8	1	10.0-137			23.6	28
2-Chloronaphthalene	0.0964	ND	0.0434	0.0530	45.1	54.7	1	29.0-120			19.8	24
(S) Nitrobenzene-d5					*68.5*	*66.9*		*14.0-149*				
(S) 2-Fluorobiphenyl					*68.7*	*62.1*		*34.0-125*				
(S) p-Terphenyl-d14					*73.2*	*64.8*		*23.0-120*				

Instrument: VOCMS39 • File ID: 0417_02

04/17/20 08:10

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0417_02	372434.80	166856	128508.10
Upper Limit		744870	333712	257016
Lower Limit		186217	83428	64254
LCS R3519652-1 WG1462237 1x	0417_02LCS	372434.80	166856	128508.10
LCSD R3519652-2 WG1462237 1x	0417_03	360492.60	157048.80	118622.30
BLANK R3519652-3 WG1462237 1x	0417_06	339614.60	143370.30	97614.80
L1209083-41 WG1462237 1x	0417_08	357028.40	144209.40	96618.20
L1209083-42 WG1462237 1x	0417_09	357604.90	148475.60	101643.20
L1209083-43 WG1462237 1x	0417_10	344071.20	141130.80	93859
L1209083-44 WG1462237 1x	0417_11	352321.10	147331.30	99190.10
L1209083-45 WG1462237 1x	0417_18	390663.70	157971.10	122428
L1209083-46 WG1462237 1x	0417_19	394592.40	160565.10	109924.10
L1209083-47 WG1462237 1x	0417_20	403514.60	160599.40	117147.30
L1209083-48 WG1462237 1x	0417_21	376642	151911	115141.10
L1209083-49 WG1462237 1x	0417_22	387921.40	153548.90	108221.90
L1209083-50 WG1462237 1x	0417_23	392502.50	159979.90	107082.40
L1209083-51 WG1462237 1x	0417_24	368816.10	158556.40	109194

Instrument: VOCMS39 • File ID: 0421_26

04/21/20 18:18

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0421_26	660750	297760.70	226266.30
Upper Limit		1321500	595521	452533
Lower Limit		330375	148880	113133
LCS R3520711-1 WG1464100 1x	0421_26LCSA	660750	297760.70	226266.30
LCSD R3520711-2 WG1464100 1x	0421_27A	663842.50	289100.30	226436.90
BLANK R3520711-3 WG1464100 1x	0421_30A	633018.20	265783.40	183505.70
L1209083-34 WG1464100 1x	0421_31	632843.50	256401.40	167750.70

Instrument: VOCMS40 • File ID: 0417_02

04/17/20 08:10

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0417_02	945661.60	380378.10	326914.10
Upper Limit		1891323	760756	653828
Lower Limit		472831	190189	163457
LCS R3520535-1 WG1462235 1x	0417_02LCS	945661.60	380378.10	326914.10
LCSD R3520535-2 WG1462235 1x	0417_03	993448.80	385874.30	283671.10
BLANK R3520535-3 WG1462235 1x	0417_06	1009601	385500.90	300394.20
L1209083-21 WG1462235 1x	0417_07	940356.50	343652.30	295519.40
L1209083-22 WG1462235 1.02x	0417_08	956379.80	382257.30	363419.80
L1209083-23 WG1462235 1x	0417_09	976892.60	375701.70	279796
L1209083-24 WG1462235 1.01x	0417_10	941261.10	354440.40	298756.20
L1209083-25 WG1462235 1x	0417_11	995587	384329	309153.20
L1209083-26 WG1462235 1x	0417_12	969845.80	375759.10	309001.60
L1209083-27 WG1462235 1x	0417_13	960100	378022	304883.50
L1209083-28 WG1462235 1x	0417_14	946002.10	361499.70	292045.40
L1209083-29 WG1462235 1x	0417_15	979442.40	388107.60	308599.10
L1209083-30 WG1462235 1x	0417_16	951793.50	367771.30	292184.60
L1209083-31 WG1462235 1x	0417_17	947024.40	372632.90	303508.50
L1209083-32 WG1462235 1x	0417_18	907792.70	348572.20	231822.80
L1209083-33 WG1462235 1x	0417_19	930764.20	361428.40	284564.60
L1209083-35 WG1462235 1x	0417_21	921742.60	358563	275002
L1209083-36 WG1462235 1x	0417_22	905744	344419.50	250585.10
L1209083-37 WG1462235 1x	0417_23	912118.60	338265.50	236833.70
L1209083-38 WG1462235 1x	0417_24	918396.20	356279.90	269023.40
L1209083-39 WG1462235 1x	0417_25	901361.70	350409.20	253383.70
L1209083-40 WG1462235 1x	0417_26	913319.10	354160	273866.30

Instrument: VOCMS53 • File ID: 0417_03

04/17/20 08:14

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0417_03	924912	385602.10	395461.50
Upper Limit		1849824	771204	790923
Lower Limit		462456	192801	197731
LCS R3520065-1 WG1462215 1x	0417_03LCS	924912	385602.10	395461.50
LCSD R3520065-2 WG1462215 1x	0417_04	907967.40	385352.90	396511.80

Instrument: VOCMS53 • File ID: 0417_03

04/17/20 08:14

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
BLANK R3520065-3 WG1462215 1x	0417_07	1036429	422531.60	367754.30
L1209083-01 WG1462215 1.12x	0417_08	1123528	437971.60	438294.50
L1209083-02 WG1462215 1x	0417_09	1081163	421042.50	391203.30
L1209083-03 WG1462215 1x	0417_10	1057036	414756.90	378637.40
L1209083-04 WG1462215 1.06x	0417_11	1058872	412326.70	386384.10
L1209083-05 WG1462215 1x	0417_12	1043239	410872.30	387464.90
L1209083-06 WG1462215 1.01x	0417_13	1045134	410030.60	381651.20
L1209083-07 WG1462215 1x	0417_14	1082249	422613.50	392881.60
L1209083-08 WG1462215 1x	0417_15	1040231	408052.20	393262.70
L1209083-09 WG1462215 1x	0417_16	1033206	410266.90	391854.80
L1209083-10 WG1462215 1x	0417_17	1054877	409106.50	375229
L1209083-11 WG1462215 1x	0417_18	1012299	396955.20	377564.50
L1209083-12 WG1462215 1x	0417_19	1052363	416460.70	384782.80
L1209083-13 WG1462215 1x	0417_20	1073786	434828.40	376338.50
L1209083-14 WG1462215 1x	0417_21	1094950	440270.30	386496.40
L1209083-15 WG1462215 1x	0417_22	1019221	416931.40	364933.80
L1209083-16 WG1462215 1x	0417_23	1012410	394069.50	370889
L1209083-17 WG1462215 1x	0417_24	1006228	402264.20	378452.50
L1209083-18 WG1462215 1x	0417_25	1034498	416388.80	399699.20
L1209083-19 WG1462215 1x	0417_26	975206.30	382271	366582.80
L1209083-20 WG1462215 1x	0417_27	976264.50	390120.30	364924.90

Instrument: VOCMS20 • File ID: 0416_33

04/16/20 18:47

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0416_33	152680	57358	67260
Upper Limit		272944	104740	126044
Lower Limit		68236	26185	31511
L1209083-52 WG1461987 1x	0416_39	138621	54355	59421

Instrument: VOCMS20 • File ID: 0416_33-1

04/16/20 18:47

Sample ID	File ID	8260-FLUOROBENZENE Response	8260-CHLOROBENZENE-D5 Response	8260-1,4-DICHLOROBENZENE-D4 Response
Standard	0416_33-1	152680	57358	67260
Upper Limit		272944	104740	126044
Lower Limit		68236	26185	31511
LCS R3519589-1 WG1461987 1x	0416_33LCS	152680	57358	67260
LCSD R3519589-2 WG1461987 1x	0416_34	151715	59837	66808
BLANK R3519589-4 WG1461987 1x	0416_37	144440	53740	56291

Instrument: SVGC18 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	24186393
Upper Limit		46325220
Lower Limit		15441740
BLANK R3520815-1 WG1462794 1x	0421A_06	32635160
LCS R3520815-2 WG1462794 1x	0421A_07	30274770
L1209083-01 WG1462794 1x	0421A_17	28733920
L1209083-02 WG1462794 1x	0421A_18	30286150
L1209083-03 WG1462794 1x	0421A_19	29974390
L1209083-04 WG1462794 1x	0421A_20	29983550
L1209083-05 WG1462794 1x	0421A_21	30112330
L1209083-06 WG1462794 1x	0421A_22	31201120
L1209083-07 WG1462794 1x	0421A_23	30016820
L1209083-08 WG1462794 1x	0421A_24	31057840
L1209083-09 WG1462794 1x	0421A_25	29998740
L1209083-10 WG1462794 1x	0421A_26	31540360
L1209083-11 WG1462794 1x	0421A_27	30647610
L1209083-12 WG1462794 1x	0421A_28	31567840
L1209083-13 WG1462794 1x	0421A_29	29427360

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3520255-1 WG1463015 1x	0420_14	934136400
LCS R3520255-2 WG1463015 1x	0420_15	973261100
L1209083-38 WG1463015 1x	0420_18	926736100
MS R3520255-3 WG1463015 1x	0420_19	930908700
MSD R3520255-4 WG1463015 1x	0420_20	867729300
L1209083-34 WG1463015 1x	0420_21	852255200
L1209083-35 WG1463015 1x	0420_22	868704100
L1209083-36 WG1463015 1x	0420_23	869300800
L1209083-37 WG1463015 1x	0420_24	867800700

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
L1209083-39 WG1463015 1x	0420_25	882189800
L1209083-40 WG1463015 1x	0420_26	873347100
L1209083-41 WG1463015 1x	0420_27	884081900
L1209083-42 WG1463015 1x	0420_28	898931600
L1209083-43 WG1463015 1x	0420_29	861719900
L1209083-44 WG1463015 1x	0420_30	885235100
L1209083-45 WG1463015 1x	0420_31	909409300
L1209083-46 WG1463015 1x	0420_32	841287700
L1209083-47 WG1463015 1x	0420_33	826433500
L1209083-48 WG1463015 1x	0420_34	854605700
L1209083-49 WG1463015 1x	0420_35	859652600
L1209083-50 WG1463015 1x	0420_36	847259000
L1209083-51 WG1463015 1x	0420_37	884943600

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3520550-1 WG1462795 1x	0421_05	944598200
LCS R3520550-2 WG1462795 1x	0421_06	854993100
L1209083-16 WG1462795 1x	0421_07	915513800
MS R3520550-3 WG1462795 1x	0421_08	891386400
MSD R3520550-4 WG1462795 1x	0421_09	929546600
L1209083-14 WG1462795 1x	0421_10	940631900
L1209083-15 WG1462795 1x	0421_11	863534500
L1209083-17 WG1462795 1x	0421_44	880185000
L1209083-18 WG1462795 1x	0421_45	913831000
L1209083-19 WG1462795 1x	0421_46	932278800
L1209083-20 WG1462795 1x	0421_47	937013800
L1209083-21 WG1462795 1x	0421_48	883584400
L1209083-22 WG1462795 1x	0421_49	918540200
L1209083-23 WG1462795 1x	0421_50	915096800

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
L1209083-24 WG1462795 1x	0421_51	887305000
L1209083-25 WG1462795 1x	0421_52	914489100
L1209083-26 WG1462795 1x	0421_53	835632100
L1209083-27 WG1462795 1x	0421_54	923016000
L1209083-28 WG1462795 1x	0421_55	918077100
L1209083-29 WG1462795 1x	0421_56	913601500
L1209083-30 WG1462795 1x	0421_57	938059900
L1209083-31 WG1462795 1x	0421_58	962097200
L1209083-32 WG1462795 1x	0421_59	901973500
L1209083-33 WG1462795 1x	0421_60	972225300

INTERNAL STANDARD SUMMARY

Instrument: SVGC28 • File ID: AVG

Sample ID	File ID	1-BROMO-2-DINITROBENZENE Response
Standard	AVG	1010262643
Upper Limit		1515394000
Lower Limit		505131500
BLANK R3519664-1 WG1462068 1x	0417_06	660138700
LCS R3519664-2 WG1462068 1x	0417_07	734524300
LCSD R3519664-3 WG1462068 1x	0417_08	792093100
L1209083-52 WG1462068 1x	0417_30	777217200

Instrument: BNAMS14 • File ID: 0419_03

04/19/20 08:40

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0419_03	167934	91983	149279	166628	175745
Upper Limit		335868	183966	298558	333256	351490
Lower Limit		83967	45992	74640	83314	87873
LCS R3519938-1 WG1462802 1x	0419_04	195384	106752	175765	192029	205586
BLANK R3519938-2 WG1462802 1x	0419_05	187083	104910	164537	189478	203165
L1209083-01 WG1462802 1x	0419_06	193775	108283	170102	189037	203873
MS R3519938-3 WG1462802 1x	0419_07	188451	103958	164433	175938	191294
MSD R3519938-4 WG1462802 1x	0419_08	180962	100729	160339	173945	185386
L1209083-02 WG1462802 1x	0419_09	184905	103702	159038	180332	190678
L1209083-03 WG1462802 1x	0419_10	188589	105873	164023	186443	197969
L1209083-04 WG1462802 1x	0419_11	185003	103501	158857	183021	193590
L1209083-05 WG1462802 1x	0419_12	192356	108330	167857	193339	202790
L1209083-06 WG1462802 1x	0419_13	190530	105891	162353	187128	198934
L1209083-07 WG1462802 1x	0419_14	183446	103012	154750	181608	192721
L1209083-08 WG1462802 1x	0419_15	184201	103015	157195	183691	193757
L1209083-09 WG1462802 1x	0419_16	202064	112923	169335	197698	210145
L1209083-11 WG1462802 1x	0419_17	199661	111397	167807	195703	209237
L1209083-12 WG1462802 1x	0419_18	186893	104585	156004	182126	195356
L1209083-13 WG1462802 1x	0419_19	193486	107755	161732	189774	200706
L1209083-14 WG1462802 1x	0419_20	194951	108527	162427	190607	202143
L1209083-15 WG1462802 1x	0419_21	188160	104992	156751	186220	197701
L1209083-16 WG1462802 1x	0419_22	194163	108627	164644	193272	203484
L1209083-17 WG1462802 1x	0419_23	192189	107308	163331	191174	200877
L1209083-18 WG1462802 1x	0419_24	191792	107764	162247	191616	200264
L1209083-19 WG1462802 1x	0419_25	188238	105125	159442	179700	189483
L1209083-20 WG1462802 1x	0419_26	190396	106569	160111	181836	188326
L1209083-10 WG1462802 1x	0419_27	188793	105588	162318	176905	183546

Instrument: BNAMS14 • File ID: 0420_03

04/20/20 13:09

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0420_03	164654	89414	143133	158981	166623
Upper Limit		329308	178828	286266	317962	333246
Lower Limit		82327	44707	71567	79491	83312

Instrument: BNAMS14 • File ID: 0420_03

04/20/20 13:09

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
LCS R3520229-1 WG1463281 1x	0420_07	169215	91443	142193	157810	165700
BLANK R3520229-2 WG1463281 1x	0420_08	164259	84891	138385	154336	128526
L1209083-37 WG1463281 1x	0420_14	198818	112183	168844	198174	211703
L1209083-38 WG1463281 1x	0420_15	206754	115712	172339	203036	216107
L1209083-39 WG1463281 1x	0420_16	205850	115071	171752	201482	214187
L1209083-40 WG1463281 1x	0420_17	202230	112889	166612	197982	211409
L1209083-41 WG1463281 1x	0420_18	202088	113230	170545	200285	210119
MS R3520229-3 WG1463281 1x	0420_19	204017	113132	177682	199658	211560
MSD R3520229-4 WG1463281 1x	0420_20	204825	113016	177752	200921	214217
L1209083-43 WG1463281 1x	0420_21	206853	115602	168367	197624	208735
L1209083-44 WG1463281 1x	0420_22	201679	113100	165092	197906	207036
L1209083-45 WG1463281 1x	0420_23	200700	113721	171304	196999	208169
L1209083-46 WG1463281 1x	0420_24	200133	112409	165149	198671	208666
L1209083-47 WG1463281 1x	0420_25	198881	111999	164260	196501	208404
L1209083-48 WG1463281 1x	0420_26	204446	114761	166687	202125	213257
L1209083-49 WG1463281 1x	0420_27	202641	114120	167826	200140	210173

Instrument: BNAMS14 • File ID: 0421A_03

04/21/20 14:12

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
Standard	0421A_03	155781	84707	137839	149893	155639
Upper Limit		311562	169414	275678	299786	311278
Lower Limit		77891	42354	68920	74947	77820
LCS R3520571-1 WG1463856 1x	0421A_04	182750	98334	161730	173289	182743
BLANK R3520571-2 WG1463856 1x	0421A_05	185070	101857	162720	175064	186655
MS R3520571-3 WG1463856 1x	0421A_07	183107	100937	161723	176404	187641
MSD R3520571-4 WG1463856 1x	0421A_08	183990	101713	165072	179713	189975
L1209083-50 WG1463856 1x	0421A_12	179124	99374	152935	172167	182712
L1209083-51 WG1463856 1x	0421A_13	181438	100901	154506	177142	185362

INTERNAL STANDARD SUMMARY

Instrument: BNAMS17 • File ID: 0420_05

04/20/20 09:49

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0420_05	92297	50323	80469	80551	81094
Upper Limit		184594	100646	160938	161102	162188
Lower Limit		46149	25162	40235	40276	40547
LCS R3520098-1 WG1463142 1x	0420_06	101400	57110	91393	92375	93688
BLANK R3520098-2 WG1463142 1x	0420_07	103654	59156	90281	93959	94945
L1209083-22 WG1463142 1x	0420_12	107324	61964	93986	92488	94120
L1209083-23 WG1463142 1x	0420_13	107739	61918	95538	97085	96763
L1209083-24 WG1463142 1x	0420_14	107303	61858	95658	97430	97943
L1209083-25 WG1463142 1.01x	0420_15	108443	62187	95590	97972	98530
L1209083-26 WG1463142 1x	0420_16	109034	62457	95578	98462	99786
L1209083-28 WG1463142 1x	0420_17	109771	62911	95271	98576	97415
L1209083-29 WG1463142 1x	0420_18	109824	63582	97033	99041	99421
L1209083-30 WG1463142 1x	0420_19	105179	60351	92057	95475	96103
L1209083-31 WG1463142 1x	0420_20	104881	60644	90001	95160	95500
L1209083-32 WG1463142 1x	0420_21	105007	60185	90187	95453	96678
L1209083-33 WG1463142 1.02x	0420_22	108286	62429	95056	99011	99663
L1209083-34 WG1463142 1x	0420_23	107222	61782	93919	98447	99235
L1209083-35 WG1463142 1x	0420_24	109006	62535	95031	98370	102981
L1209083-21 WG1463142 1x	0420_25	108311	62090	93069	96772	97755
MS R3520098-3 WG1463142 1x	0420_26	111154	62962	95981	99131	99524
MSD R3520098-4 WG1463142 1x	0420_27	106717	60515	92322	95669	95492
L1209083-27 WG1463142 1x	0420_28	110427	63518	97720	96279	96024
L1209083-36 WG1463142 1.02x	0420_29	107213	61476	90201	93254	96850

Instrument: BNAMS25 • File ID: 0420_05

04/20/20 21:41

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0420_05	140437	82570	156599	153779	140546
Upper Limit		280874	165140	313198	307558	281092
Lower Limit		70219	41285	78300	76890	70273
LCS R3520289-1 WG1463450 1x	0420_06	157416	90696	171761	167530	155096
BLANK R3520289-2 WG1463450 1x	0420_07	156652	92840	172217	170899	158122
L1209083-42 WG1463450 1.01x	0420_11	155883	92486	171151	170525	155766
MS R3520289-3 WG1463450 1x	0420_21	160968	93818	179158	169947	161579

INTERNAL STANDARD SUMMARY

Instrument: BNAMS25 • File ID: 0420_05

04/20/20 21:41

Sample ID	File ID	NAPHTHALENE-D8	ACENAPHTHENE-D10	PHENANTHRENE-D10	CHRYSENE-D12	PERYLENE-D12
		Response	Response	Response	Response	Response
MSD R3520289-4 WG1463450 1x	0420_22	161424	94499	179597	169353	159754

INTERNAL STANDARD SUMMARY

Instrument: BNAMS12 • File ID: 0416B_03

04/17/20 00:39

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0416B_03	112982	62164	108950	105847	107477
Upper Limit		225964	124328	217900	211694	214954
Lower Limit		56491	31082	54475	52924	53739
BLANK R3519485-1 WG1462021 1x	0416B_04	125263	70957	118116	117495	120981
LCS R3519485-2 WG1462021 1x	0416B_05	118424	65847	116459	112924	114129
LCSD R3519485-3 WG1462021 1x	0416B_06	112619	63194	111145	109479	109903
L1209083-52 WG1462021 1x	0416B_13	113003	63030	114394	108825	110461

Instrument: BNAMS13 • File ID: 0416A_03

04/17/20 00:31

Sample ID	File ID	NAPHTHALENE-D8 Response	ACENAPHTHENE-D10 Response	PHENANTHRENE-D10 Response	CHRYSENE-D12 Response	PERYLENE-D12 Response
Standard	0416A_03	75910	37747	61564	51509	41411
Upper Limit		151820	75494	123128	103018	82822
Lower Limit		37955	18874	30782	25755	20706
BLANK R3519501-1 WG1462021 1x	0416A_29	73297	36023	57892	46537	36317

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Is
8 Gl
9 Al
10 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B1	Target analyte detected in method blank at or above the method reporting limit.
E4	Concentration estimated. Analyte was detected below laboratory minimum reporting level (MRL) but above MDL.
L1	The associated blank spike recovery was above laboratory acceptance limits.
L2	The associated blank spike recovery was below laboratory acceptance limits.
M1	Matrix spike recovery was high, the method control sample recovery was acceptable.
M2	Matrix spike recovery was low, the method control sample recovery was acceptable.
R5	MS/MSD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
R7	LFB/LFBD RPD exceeded the laboratory acceptance limit. Recovery met acceptance criteria.
S10	Surrogate recovery was above laboratory and method acceptance limits.

ACCREDITATIONS & LOCATIONS

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

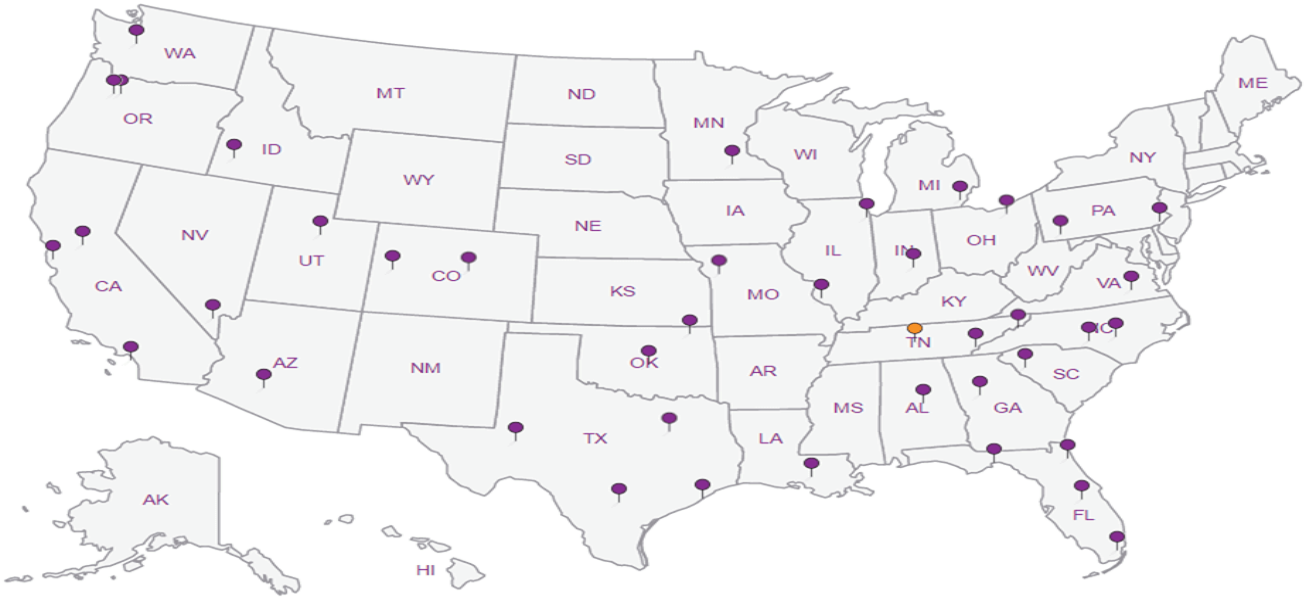
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

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Analysis / Container / Preservative

Chain of Custody Page 1 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1209083

C162

Acctnum: **TERRTUAZ**
Template:
Prelogin:
TSR: **Daphne Richards**
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-19-S	Grab	SS	0	4/14/20	0810	2	X	X	X	X		-01
SS-19-5			5		0820		X	X	X	X		02
SS-19-10			10		0825		X	X	X	X		03
SS-19-15			15		0828		X	X	X	X		04
SS-19-20			20		0834		X	X	X	X		05
SS-19-25			25		0840		X	X	X	X		06
SS-19-30			30		0845		X	X	X	X		07
SS-19-35			35		0850		X	X	X	X		08
SS-19-40			40		0900		X	X	X	X		09
SS-20-S			0		0930		X	X	X	X		10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1676 2753 8827/8838

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR
B Li-Vidal	4/14/20	1740		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 7±0=.7 °C Bottles Received: 109
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4-15-20 Time: 0830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terraco.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1209083

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-20-5	Grab	SS	5	4/14/20	0940	2	X	X	X	X		-11
SS-20-10			10		0945		X	X	X	X		12
SS-20-15			15		0950		X	X	X	X		13
SS-20-20			20		0953		X	X	X	X		14
SS-20-30			30		1000		X	X	X	X		15
SS-20-35			35		1010		X	X	X	X		16
SS-20-40			40		1020		X	X	X	X		17
SS-20-40-DUP			40		1020		X	X	X	X		18
SS-21-5			0		1040		X	X	X	X		19
SS-21-5			5		1050		X	X	X	X		20

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/14/20	1740		

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.7±0=.7 °C	Bottles Received: 109	If preservation required by Login: Date/Time

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			[signature]	4-15-20	0830		

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 3 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
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Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

L# L1209683

Table #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

Collected by (signature): [signature]

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

TSR: **Daphne Richards**

PB:

Immediately Packed on Ice N ___ Y X

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-21-10	Grab	SS	10	4/14/20	1055	2	X	X	X	X		21
SS-21-15	↓	↓	15	↓	1100	↓	X	X	X	X		22
SS-21-20	↓	↓	20	↓	1105	↓	X	X	X	X		23
SS-21-25	↓	↓	25	↓	1110	↓	X	X	X	X		24
SS-21-30	↓	↓	30	↓	1115	↓	X	X	X	X		25
SS-21-40	↓	↓	40	↓	1125	↓	X	X	X	X		26
SS-22-~~0~~5	↓	↓	0	↓	1150	↓	X	X	X	X		27
SS-22-5	↓	↓	5	↓	1155	↓	X	X	X	X		28
SS-22-10	↓	↓	10	↓	1200	↓	X	X	X	X		29
SS-22-15	↓	↓	15	↓	1205	↓	X	X	X	X		30

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP X Y __N
COC Signed/Accurate: X Y __N
Bottles arrive intact: X Y __N
Correct bottles used: X Y __N
Sufficient volume sent: X Y __N
If Applicable
VOA Zero Headspace: X Y __N
Preservation Correct/Checked: X Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
[signature]	4/14/20	1740		

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.6 °C .7±0=.7	Bottles Received: 109	If preservation required by Login: Date/Time

Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date:	Time:	Hold:	Condition: NCF / OK
			[signature]	4-15-20	0830		

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 4 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson, AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1209083

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-22-20	Grab	SS	20	4/14/20	1210	2	X	X	X	X		31
SS-22-25			25		1215		X	X	X	X		32
SS-22-35			35		1225		X	X	X	X		33
SS-22-35-DUP			35		1225		X	X	X	X		34
SS-22-40			40		1235		X	X	X	X		35
SS-23-5			0		1325		X	X	X	X		36
SS-23-5			5		1335		X	X	X	X		37
SS-23-10			10		1340		X	X	X	X		38
SS-23-15			15		1345		X	X	X	X		39
SS-23-20			20		1350		X	X	X	X		40

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B. Li-Vidal	4/14/20	1740		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.7 °C Bottles Received: 109
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4-15-20 Time: 0830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Cooler 1 of 2

Chain of Custody Page 5 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: **Former Flint Oil Property LSI**

City/State Collected: Tucson AZ

Phone: **520-770-1789**
Fax: **520-792-2539**

Client Project # **63207052**

Lab Project #

Collected by (print): B. Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B. Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # **00074879**

Date Results Needed

L# L1209083

Table #

Acctnum: **TERRTUAZ**

Template:

Prelogin:

TSR: **Daphne Richards**

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-23-35	Grab	SS	35	4/14/20	1400	2	X	X	X	X		41
SS-23-40			40		1405		X	X	X	X		42
SS-24-S			0		1425		X	X	X	X		43
SS-24-5			5		1430		X	X	X	X		44
SS-24-10			10		1440		X	X	X	X		45
SS-24-15			15		1445		X	X	X	X		46
SS-24-15-DUP			15		1445		X	X	X	X		47
SS-24-20			20		1450		X	X	X	X		48
SS-24-25			25		1455		X	X	X	X		49
SS-24-35			35		1505		X	X	X	X		50

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
B. Li-Vidal	4/14/20	1740			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: 4.6 °C .7±0=.7 Bottles Received: 109	If preservation required by Login: Date/Time
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4-15-20 Time: 0830	Hold: Condition: NCF / OK

Cooler 1 of 2

Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 6 of 6

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@Terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

L# L1269083

Table #

Collected by (print): B Li-Vidal

Site/Facility ID #

P.O. #

Acctnum: TERRTUAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B/40mL Amb/MeOH	PAH 8270SIM	RCRA 8 Metals	PCB 8082	VOC 8260B/40mL Amb/HCL	PAH 8270SIM/40mL Amb/No Pres	RCRA 8 Metals/250mL HDPE/HNO_3	PCB/100mL Amb/No Pres			Remarks	Sample # (lab only)
SS-24-40	Grab	SS	40	4/14/20	1510	2	X	X	X	X								-51
EB-7	Grab	WW	—	4/14/20	1525	7					X	X	X	X				52

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: __NP ✓Y __N
COC Signed/Accurate: ✓Y __N
Bottles arrive intact: ✓Y __N
Correct bottles used: ✓Y __N
Sufficient volume sent: ✓Y __N
If Applicable
VOA Zero Headspace: ✓Y __N
Preservation Correct/Checked: ✓Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
B Li-Vidal	4/14/20	1740		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: MAC .7±0=.7 Bottles Received: 109
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 4-15-20 Time: 0830

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

ANALYTICAL REPORT

April 28, 2020

Terracon - Tucson, AZ

Sample Delivery Group:	L1210436
Samples Received:	04/08/2020
Project Number:	63207052
Description:	Former Flint Oil Property
Report To:	Briana Li-Vidal 355 South Euclid, Ste 107 Tucson, AZ 85719

Entire Report Reviewed By:

Jason Romer
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

ONE LAB. NATIONWIDE.

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SS-3-S L1210436-01 Waste

Collected by	Collected date/time	Received date/time
B. Li-Vidal	04/06/20 14:45	04/08/20 08:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1311	WG1464985	1	04/23/20 09:15	04/23/20 09:15	IDW	Mt. Juliet, TN
Metals (ICP) by Method 6010D	WG1465627	1	04/24/20 07:38	04/24/20 10:08	EL	Mt. Juliet, TN

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer
Project Manager

Preparation by Method 1311

Analyte	Result	Qualifier	Prep date / time	Batch
TCLP Extraction	-		4/23/2020 9:15:07 AM	WG1464985
Fluid	1		4/23/2020 9:15:07 AM	WG1464985
Initial pH	8.84		4/23/2020 9:15:07 AM	WG1464985
Final pH	5.70		4/23/2020 9:15:07 AM	WG1464985

Metals (ICP) by Method 6010D

Analyte	Result mg/l	Qualifier	RDL mg/l	Limit mg/l	Dilution	Analysis date / time	Batch
Lead	1.27		0.100	5	1	04/24/2020 10:08	WG1465627

QUALITY CONTROL SUMMARY

L1210436-01

Method Blank (MB)

(MB) R3521665-1 04/24/20 09:52

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	U		0.0333	0.100

Laboratory Control Sample (LCS)

(LCS) R3521665-2 04/24/20 09:55

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	10.0	9.92	99.2	80.0-120	

L1211070-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1211070-01 04/24/20 09:57 • (MS) R3521665-4 04/24/20 10:03 • (MSD) R3521665-5 04/24/20 10:05

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	10.0	ND	9.93	10.1	98.6	100	1	75.0-125			1.56	20

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

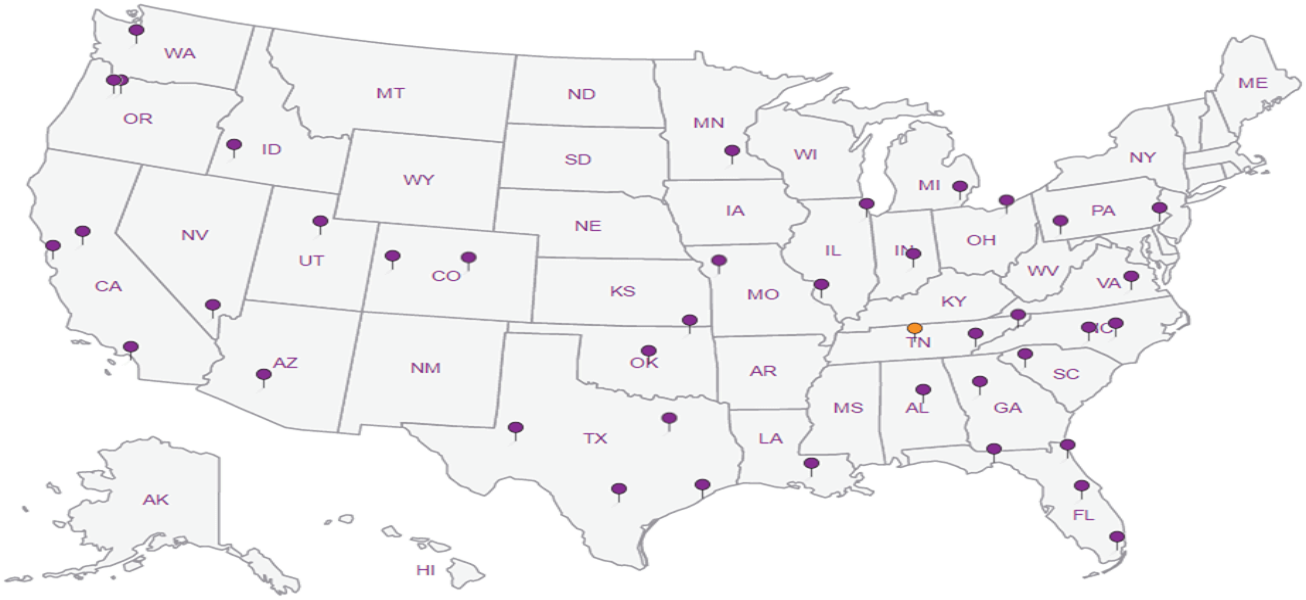
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Terracon
355 South Euclid
Suite 107
Tucson, AZ 85719

Billing Information:

Pres Chk

Analysis / Container / Preservative

Chain of Custody Page 2 of 7

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

Report to: Briana Li-Vidal

Email To: Briana.Li-Vidal@terracon.com

Project Description: Former Flint Oil Property LSI

City/State Collected: Tucson, AZ

Phone: 520-770-1789
Fax: 520-792-2539

Client Project # 63207052

Lab Project #

L# L1206794 NV 4/20/20

Table # L1210436

Acctnum: TERRTUAZ

Template:

Prelogin:

TSR: Daphne Richards

PB:

Shipped Via:

Collected by (print): B Li-Vidal

Site/Facility ID #

P.O. #

Collected by (signature): B Li-Vidal

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote # 00074879

Date Results Needed

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	VOC 8260B / 40ml amber / MeOH	PAH 8270SIM	RCRA8 Metals	PCB 8082	Remarks	Sample # (lab only)
SS-2-S	Grab	SS	0'	4/6/20	1155	2	X	X	X	X		-10
SS-2-5			5		1240		X	X	X	X		-11
SS-2-10			10		1250		X	X	X	X		-12
SS-2-15			15		1300		X	X	X	X		-13
SS-2-20			20		1335		X	X	X	X		-15 14
SS-2-25			25		1345		X	X	X	X		-16 15
SS-2-30			30		1355		X	X	X	X		-17 16
SS-2-40			40		1415		X	X	X	X		-18 17
SS-3-S			0		1445		X	X	X	X		-19 18 -01
SS-3-5			5		1530		X	X	X	X		-20 19

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks:

pH ____ Temp ____
Flow ____ Other ____

Samples returned via: __UPS __FedEx __Courier _____

Tracking # 1Z 111 755 866 2 1748996 8

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
B Vill	4/6/20	1750	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No HCL / MeOH TBR

Temp: NV °C Bottles Received: 53
1.4+0=1.4

Date: 4/8/20 Time: 1:30

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

RAD SCREEN: <0.5 mR/hr

If preservation required by Login: Date/Time

Hold:

Condition: NCF / OK

Andy Vann

From: Daphne Richards
Sent: Monday, April 20, 2020 10:58 AM
To: Project Service
Subject: Relog L1206794-18 TERRTUAZ

Please relog L1206794-18 for TCLP Pb

Thanks

Daphne Richards
Project Manager II
Pace Analytical - National
12065 Lebanon Road | Mt. Juliet, TN 37122
o.615.773.9662 | pacenational.com

APPENDIX E
SUBCONTRACTOR DOCUMENTATION

ARIZONA DEPARTMENT OF WATER RESOURCES

Phoenix, Arizona 85007

DRILLING CARD

SPECIAL REQUIRMENTS APPLY (WQARF/SUPERFUND) VARIANCE GRANTED

ANY DEVIATION IN WELL LOCATION FROM THE PLOT PLAN APPROVED FROM THE COUNTY OR LOCAL HEALTH AUTHORITY MUST BE RE-SUBMITTED FOR APPROVAL

THIS AUTHORIZATION SHALL BE IN POSSESSION OF THE DRILLER DURING ALL DRILLING OPERATIONS

WELL REGISTRATION NO: **55-924146**

AUTHORIZED DRILLER: **GEOMECHANICS SOUTHWEST, INC.** LICENSE NO: **498**

NOTICE OF INTENT TO **DRILL AND ABANDON A SPCL - GEOTECHNICAL WELL** HAS BEEN FILED WITH THE

WELL OWNER: **CITY OF TUCSON**

ADDRESS: **4004 S PARK AVENUE, BLDG 1, TUCSON, AZ, 85701**

THE WELL(S) IS/ARE TO BE LOCATED IN THE:

1/4 of the 1/4 of the 1/4 Section **13** Township **14 S** Range **13 E**

NO. OF WELLS IN THIS PROJECT: **1**

THIS AUTHORIZATION EXPIRES AT MIDNIGHT ON THE DAY OF **4/7/2021**

THE DRILLER MUST FILE A WELL DRILLER REPORT AND WELL LOG WITHIN 30 DAYS OF COMPLETION OF DRILLING

This drilling or abandonment authority was granted based upon the certifications made by the above-named Driller in the notice of intent to drill or abandon. Those certifications, along with any variances granted, are listed below. By drilling or abandoning the well pursuant to this authorization, the above-named driller acknowledges the accuracy of the driller certifications. If the certifications are in error, this authorization is invalid and driller must contact the Department of Water Resource's NOI Section in writing at the addres above to correct.

Variance(s) Granted To Driller:

- 100' Setback Variance for Geotechnical

Certification(s) Made By Driller:

- ☑ By checking this box, I certify that I have all necessary Registrar of Contractor (ROC) licenses in all necessary license categories for this drilling or abandonment project and that those licenses are current.
- ☑ By checking this box, I certify that I have been authorized by the above-named well owner to submit this Notice of Intent on the well owner's behalf.
- ☑ By checking this box, I certify that I have read the applicable substantive policy statement regarding each variance that I am requesting, and that I shall comply with all of the requirements set forth therein.
- ☑ By checking this box, I certify that the information above is complete and correct, and that the well shall be drilled or abandoned in compliance with all pertinent statutes and rules, including any special standards that may be required to protect the aquifer or other water sources.
- ☑ By checking this box, I certify that this NOI application is not an application to replace, deepen, or modify an existing well.

ARIZONA DEPARTMENT OF WATER RESOURCES
Electronic Filing - NOI Report

Phoenix, Arizona

NOI Type: Notice of Intent to Drill and Abandon an Exploration/Speciality Well
Well Type: SPCL - GEOTECHNICAL
Date Received at ADWR Website: 4/7/2020

Fee Paid: $150.00 Order Number: -12242

Well Registration Number: 55 - 924146
Number of Wells/Holes: 1 Drilling Authority Expires On: 4/7/2021

Driller's ADWR License Number: 498

Authorized Driller: GEOMECHANICS SOUTHWEST, INC.
ROC License Number Entered By Driller: 079441
Qualifying Party License Categories: A-4

Well Owner Name: CITY OF TUCSON
Well Owner Address: 4004 S PARK AVENUE, BLDG 1
Well Owner City, State - Zip: TUCSON, AZ - 85701
Well Owner Phone: 520 791-3175

Date Construction is Scheduled to Begin: 1/1/0001

Is the Land Owner the same as the Well Owner?: Yes

Well Location: 1/4 of the 1/4 of the 1/4 Section **13** Township **14 S** Range **13 E**

AMA: TUCSON AMA
County: PIMA
Contamination Site: WITHIN 1 MILE OF A REMEDIAL ACTION SITE AND 1/2 MI OF VRP

Depth:
Diameter:
Type of Casing of Proposed Well: ** Select casing type **

Primary Water Use: **NO WATER USE**
Secondary Water Use(s): **N/A**

Is any portion of the land, on which the well is to be located, within 100 feet of a designated municipal provider's operating water distribution system as shown on the municipal provider's most recent digitized service area map filed by the municipal provider with the director of ADWR. **N/A**

Will the installed pump have a pumping capacity of greater than 35 GPM, or will the well will be used to withdraw greater than 10 Acre Feet per year?: **N/A**

Variance(s) Granted To Driller:

- 100' Setback Variance for Geotechnical

Certification(s) Made By Driller:

ARIZONA DEPARTMENT of WATER RESOURCES
1110 W. Washington St. Suite 310
Phoenix, Arizona 85007
602-771-8500
azwater.gov

4/7/2020

CITY OF TUCSON
4004 S PARK AVENUE, BLDG 1
TUCSON, AZ 85701

DOUGLAS A. DUCEY
Governor

THOMAS BUSCHATZKE
Director

Registration No.: 55- 924146
File Number: D(14-13) 13 000

Dear Well Applicant:

Enclosed is a copy of the Notice of Intention to Drill and Abandon (NOI) an Exploration/Specialty Well which you or your driller recently filed with the Department of Water Resources. This letter is to inform you that the Department has approved the NOI and has mailed, or made available for download, a drilling authorization card to your designated well drilling contractor. The driller may not begin drilling until he/she has received the authorization, and must keep it in their possession at the well site during drilling.

Well drilling activities must be completed within one year after the date the NOI was filed with the Department. If drilling is not completed within one year, a new NOI must be filed and authorization from this Department received before proceeding with drilling. If the well cannot be successfully completed as initially intended (dry hole, cave in, lost tools, etc.), the well must be properly abandoned and a Well Abandonment Completion Report must be filed by your driller [as required by A.A.C. R12-15-816(F)].

If you change drillers, you must notify the Department of the new driller's identity on a Request to Change Well Information (form 55-71A). Please ensure that the new driller is licensed by the Department to drill the type of well you require. A new driller may not begin drilling until he/she receives a new drilling authorization card from the Department.

If you find it necessary to change the location of the proposed well(s), you may not proceed with drilling until you file an amended NOI with the Department. An amended drilling authorization card will then be issued to the well drilling contractor, which must be in their possession before drilling begins.

State statute requires the drilling contractor to file a complete and accurate Well Drillers Report and Well Log (form 55-55) within 30 days after completion of drilling. A Well Abandonment Completion Report (form 55-58) must also be completed by the drilling contractor for geotechnical wells that are drilled and abandoned. Blank report forms were provided to your driller with the drilling authorization card. If a well must be abandoned during the drilling, a Well Abandonment Completion Report (form 55-58) must be completed and submitted to the Department. You should insist and ensure that all of the required reports are accurately completed and timely filed with the Department.

Please be advised that Arizona statute [A.R.S. § 45-593(C)] requires a registered well owner to notify the Department of a change in ownership of the well and/or information pertaining to the physical characteristics of the well in order to keep this well registration file current and accurate. Any change in well information or a request to change well driller must be filed on a Request to Change Well Information form (form 55-71A) that may be downloaded from the ADWR Internet website at www.azwater.gov.

Sincerely,

Groundwater Permitting and Wells Section

Arizona Department of Water Resources
Groundwater Permitting and Wells
PO Box 36020 • Phoenix, Arizona 85067-6020
(602) 771-8527 • 602-771-8500
www.azwater.gov

Well Driller Report and Well Log

THIS REPORT MUST BE FILED WITHIN 30 DAYS OF COMPLETING THE WELL. PURSUANT TO ARIZONA REVISED STATUTE 45-600 AND A.A.C. RULE R12-15-808.

FILE NUMBER
D(14-13) 13 000

WELL REGISTRATION NUMBER
55 - 924146

PERMIT NUMBER (IF ISSUED)

WELL DRILLER LOGS AND REPORTS CAN ALSO BE DONE ONLINE AT:
http://www.azwater.gov/eForms/Forms/DL/DWR_DL.aspx

SECTION 1. DRILLING AUTHORIZATION

Drilling Firm

Mail To:

NAME: GEOMECHANICS SOUTHWEST, INC.	DWR LICENSE NUMBER: 498
ADDRESS: 5839 S. BELVEDERE AVE	TELEPHONE NUMBER: 520-889-7787
CITY / STATE / ZIP: TUCSON, AZ. 85706	FAX:

SECTION 2. REGISTRY INFORMATION

Well Owner

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL: CITY OF TUCSON

MAILING ADDRESS: 4004 S PARK AVENUE, BLDG 1

CITY / STATE / ZIP: TUCSON, AZ, 85701

CONTACT PERSON NAME AND TITLE: Gira Patel

TELEPHONE NUMBER: 520 791-3175

FAX:

WELL NAME (e.g., MW-1, PZ-3, lot 25 Well, Smith Well, etc.): B-3 & B-10

COUNTY: PIMA

ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)

BOOK	MAP	PARCEL
116	23	2070

Location of Well

WELL LOCATION ADDRESS (IF ANY): 505 W Simpson Street - Tucson, Arizona

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
14 S	13	13	1/4	1/4	1/4

LATITUDE			LONGITUDE		
° DEGREES	' MINUTES	"N SECONDS	° DEGREES	' MINUTES	"W SECONDS

METHOD OF LATITUDE/LONGITUDE (CHECK ONE)
☐ *GPS: Hand-Held ☐ *GPS: Survey-Grade ☐ TOPO

*LATITUDE/LONGITUDE DATUM, GPS (CHECK ONE)
☐ NAD83 ☐ NAD27 ☐ WGS84 ☐ Other _____

METHOD OF ELEVATION (CHECK ONE)
☐ *GPS: Hand-Held ☐ *GPS: Survey-Grade ☐ TOPO

LAND SURFACE ELEVATION AT WELL
ELEVATION _____ Feet Above Sea Level

*ELEVATION DATUM (CHECK ONE)
☐ NAVD88 ☐ NGVD29 ☐ OTHER _____

SECTION 3. WELL CONSTRUCTION DETAILS

Drilling Method

CHECK ONE
- ☐ Air Rotary
- ☒ Bored or Augered
- ☐ Cable Tool
- ☐ Dual Rotary
- ☐ Mud Rotary
- ☐ Reverse Circulation
- ☐ Driven
- ☐ Jetted
- ☐ Air Percussion / Odex Tubing
- ☐ Other (please specify)

Method of Well Development

CHECK ONE
- ☐ Airlift
- ☐ Bail
- ☐ Surge Block
- ☐ Surge Pump
- ☐ Other (please specify)

N/A - Geotech Borings

Method of Sealing at Reduction Points

CHECK ONE
- ☐ None
- ☐ Packed
- ☐ Swedged
- ☐ Welded
- ☐ Other (please specify)

N/A - Geotech Borings

Condition of Well

CHECK ONE
- ☐ Capped
- ☐ Pump Installed
- ☒ Abandoned
- ☐ **Not Drilled**

Construction Dates

DATE WELL CONSTRUCTION STARTED
B-3 = 4/8/20 | B-10 = 4/10/20

DATE WELL CONSTRUCTION COMPLETED
B-3 = 4/8/20 | B-10 = 4/10/20

I state that this notice is filed in compliance with A.R.S. § 45-596 and is complete and correct to the best of my knowledge and belief.

SIGNATURE OF QUALIFYING PARTY: [signature]

DATE: 5-6-20

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 924146

SECTION 4. WELL CONSTRUCTION DESIGN (AS BUILD) (attach additional page if needed)

Depth

DEPTH OF BORING	DEPTH OF COMPLETED WELL
B-3 = 75' | B-10 = 75' Feet Below Land Surface	N/A - Geotech Borings Feet Below Land Surface

Water Level Information

STATIC WATER LEVEL	DATE MEASURED	TIME MEASURED	IF FLOWING WELL, METHOD OF FLOW REGULATION
2/75' Feet Below Land Surface	B-3 = 4/8/20 B-10 = 4/10/20	PM.	☐ Valve ☐ Other: N/A

	Borehole			Installed Casing													
	DEPTH FROM SURFACE			DEPTH FROM SURFACE			MATERIAL TYPE (X)				PERFORATION TYPE (X)						
	FROM (feet)	TO (feet)	BOREHOLE DIAMETER (inches)	FROM (feet)	TO (feet)	OUTER (inches)	STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED	IF OTHER TYPE, DESCRIBE	SLOT SIZE (inches)
B-3	0	75	8	N/A - Geotechnical Boring													
B-10	0	75	8	N/A - Geotechnical Boring													

Installed Annular Material

DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (X)								FILTER PACK		
						BENTONITE						
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	GROUT	CHIPS	PELLETS	IF OTHER TYPE OF ANNULAR MATERIAL, DESCRIBE	SAND	GRAVEL	SIZE
									N/A - Geotech Borings			

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 924146

SECTION 5. GEOLOGIC LOG OF WELL

DEPTH FROM SURFACE FROM (feet)	TO (feet)	**Description** Describe material, grain size, color, etc.	Check (X) every interval where water was encountered (if known)
B-3 & B10			
0	75	Sand with some Clay & Intermittent Cementation	
	75	Groundwater Encountered	X

Well Driller Report and Well Log

WELL REGISTRATION NUMBER
55 - 924146

SECTION 6. WELL SITE PLAN

NAME OF WELL OWNER	COUNTY ASSESSOR'S PARCEL ID NUMBER (MOST RECENT)		
	BOOK	MAP	PARCEL
CITY OF TUCSON	116	23	2070

- Required for all wells, please draw the following: (1) the boundaries of property on which the well was located; (2) the well location; (3) the locations of all septic tank systems and sewer systems on the property or within 100 feet of the well location, even if on neighboring properties; and (4) any permanent structures on the property that may aid in locating the well.
- Please indicate the distance between the well location and any septic tank system or sewer system.

1" = _____ ft

Google Maps 505 W Simpson St

B-3 & B-10

Imagery ©2020 Maxar Technologies, U.S. Geological Survey, Map data ©2020 50 ft

Arizona Department of Water Resources
Groundwater Permitting and Wells
PO Box 36020 • Phoenix, Arizona 85067-6020
(602) 771-8527 • 1-800-352-8488

Well Abandonment Completion Report

FILE NUMBER
D(14-13) 13 000

WELL REGISTRATION NUMBER
55 - 924146

❖ Review instructions prior to completing form
❖ The drilling firm or single well licensee must file this report withing 30 days of completion of abandonment. (A.R.S. § 45-594, A.A.C. R12-15-816)

** PLEASE PRINT CLEARLY **

SECTION 1. ABANDONMENT AUTHORIZATION

Drilling Firm

Mail To:		
	NAME GEOMECHANICS SOUTHWEST, INC.	DWR LICENSE NUMBER 498
	ADDRESS 5839 S. BELVEDERE AVE	TELEPHONE NUMBER 520-889-7787
	CITY / STATE / ZIP TUCSON, AZ 85706	FAX

SECTION 2. REGISTRY INFORMATION

Well Owner Information

FULL NAME OF COMPANY, ORGANIZATION, OR INDIVIDUAL CITY OF TUCSON	CONTACT PERSON NAME AND TITLE Gira Patel
MAILING ADDRESS 4004 S PARK AVENUE, BLDG 1	TELEPHONE NUMBER 520-791-3175
CITY / STATE / ZIP TUCSON, AZ 85701	FAX

Location of Well

WELL LOCATION ADDRESS (IF ANY)
505 W Simpson Street - Tucson, Arizona

LATITUDE: ° (Degrees) ' (Minutes) " N (Seconds)
LONGITUDE: ° (Degrees) ' (Minutes) " W (Seconds)

TOWNSHIP (N/S)	RANGE (E/W)	SECTION	160 ACRE	40 ACRE	10 ACRE
14 S	13	13	1/4	1/4	1/4

LAND SURFACE ELEVATION AT WELL
Feet Above Sea Level

METHOD OF LATITIDE / LONGITUDE (Check One) ☐ *GPS: Hand-Held ☐ USGS Quad Map ☐ Conventional Survey ☐ *GPS: Survey-Grade

COUNTY ASSESSOR'S PARCEL ID NUMBER

BOOK	MAP	PARCEL
116	23	2070

*If GPS WAS USED, GEOGRAPHIC COORDINATE DATUM (Check One)
☐ NAD-83 ☐ Other *(please specify):*

SECTION 3.

Questions	Yes	No	Explanation:
1. To your knowledge, is there any information that exists which indicates that the water in this well has been, may be or is contaminated?	X		IF YES, EXPLAIN (Attach additional page if nesessary) Within 1-Mile of Remedial Action Site & 1/2 Mile of VRP
2. Is there another well name or identification number associated with this well? (e.g., MW-1, PZ-4, Lot 29 Well, Smith Well, etc.)	X		IF YES, PLEASE STATE B-3 & B-10
3. Prior to abandonment, did the well have 20' of surface casing and 20' of grout in the annular space surrounding the casing?		X	If no, was the top 20' of casing removed prior to setting the cement plug? ☐ Yes ☒ No
4. Was the well backfilled above the cement plug?		X	
5. Was the well casing video logged?		X	

6. Why was the well abandoned?
2-Geotechnical Borings that encountered perched ground water

Well Abandonment Completion Report

WELL REGISTRATION NUMBER
55 - 924146

SECTION 4. ORIGINAL WELL CONSTRUCTION DESIGN (attach additional page if needed)

	Existing Borehole			Existing Casing (to the best of your knowledge)													
	DEPTH FROM SURFACE		BOREHOLE DIAMETER (inches)	DEPTH FROM SURFACE		OUTER DIAMETER (inches)	MATERIAL TYPE (T)				PERFORATION TYPE (T)						SLOT SIZE IF ANY (inches)
	FROM (feet)	TO (feet)		FROM (feet)	TO (feet)		STEEL	PVC	ABS	IF OTHER TYPE, DESCRIBE	BLANK OR NONE	WIRE WRAP	SHUTTER SCREEN	MILLS KNIFE	SLOTTED	IF OTHER TYPE, DESCRIBE	
B-3	0	75	8	N/A - Geotechnical Boring													
B-10	0	75	8	N/A - Geotechnical Boring													

Condition of casing: ☐ Good ☐ Fair ☐ Poor N/A - Geotech Borings

Existing Annular Material (to the best of your knowledge)

DEPTH FROM SURFACE		ANNULAR MATERIAL TYPE (T)								FILTER PACK		
						BENTONITE						
FROM (feet)	TO (feet)	NONE	CONCRETE	NEAT CEMENT OR CEMENT GROUT	CEMENT-BENTONITE GROUT	GROUT	CHIPS	PELLETS	IF OTHER TYPE OF ANNULAR MATERIAL DESCRIBE	SAND	GRAVEL	SIZE
									N/A - Geotech Borings			

SECTION 5. ACTUAL WELL ABANDONMENT DESIGN (attach additional page if needed)

Refer to ADWR's Well Abandonment Hanbook for additional information

DEPTH TO WATER
B-3 = 75' | B-10 = 75' Feet Below Land Surface

DATE ABANDOMENT COMPLETED
B-3 = 4/8/20 | B-10 = 4/10/20

Casing Treatment

DEPTH FROM SURFACE		TREATMENT TYPE (T)				
FROM (feet)	TO (feet)	SONAR JET	BRUSH OR SCRAPE	MILLS KNIFE	CASING REMOVAL (explain in Remarks)	IF OTHER TYPE, DESCRIBE OR IF CASING WAS PERFORATED, DESCRIBE SPACING AND PERFORATIONS THAT WERE ADDED
N/A - Geotech Borings						

Sealing or Fill Material

DEPTH FROM SURFACE		MATERIAL TYPE (T)									MIXING RATIO by (check one) ☐ Weight ☐ Volume	VOLUME OF MATERIAL USED (cubic feet)
							HIGH SOLIDS					
FROM (feet)	TO (feet)	NEAT CEMENT	CONCRETE	SAND-CEMENT GROUT	CEMENT-BENTONITE GROUT	SAND-BENTONITE GROUT	GROUT	CHIPS	PELLETS	SAND		
0	75	X										
0	75	X										

Actual Abandonment Method (See Well Abandonment Handbook)

CHECK ONE
- ☐ Standard Method
- ☐ Alternative 1
- ☐ Alternative 2
- ☐ Alternative 3
- ☐ Alternative 4
- ☐ *Variance Option*
- ☐ Alternative 5
- ☐ *Variance Option 1*
- ☐ *Variance Option 2*
- ☒ Other *(please specify)* Per A.A.C. R12-15.816 (H.2 & I.1)

Emplacement Method of Sealing or Fill Material

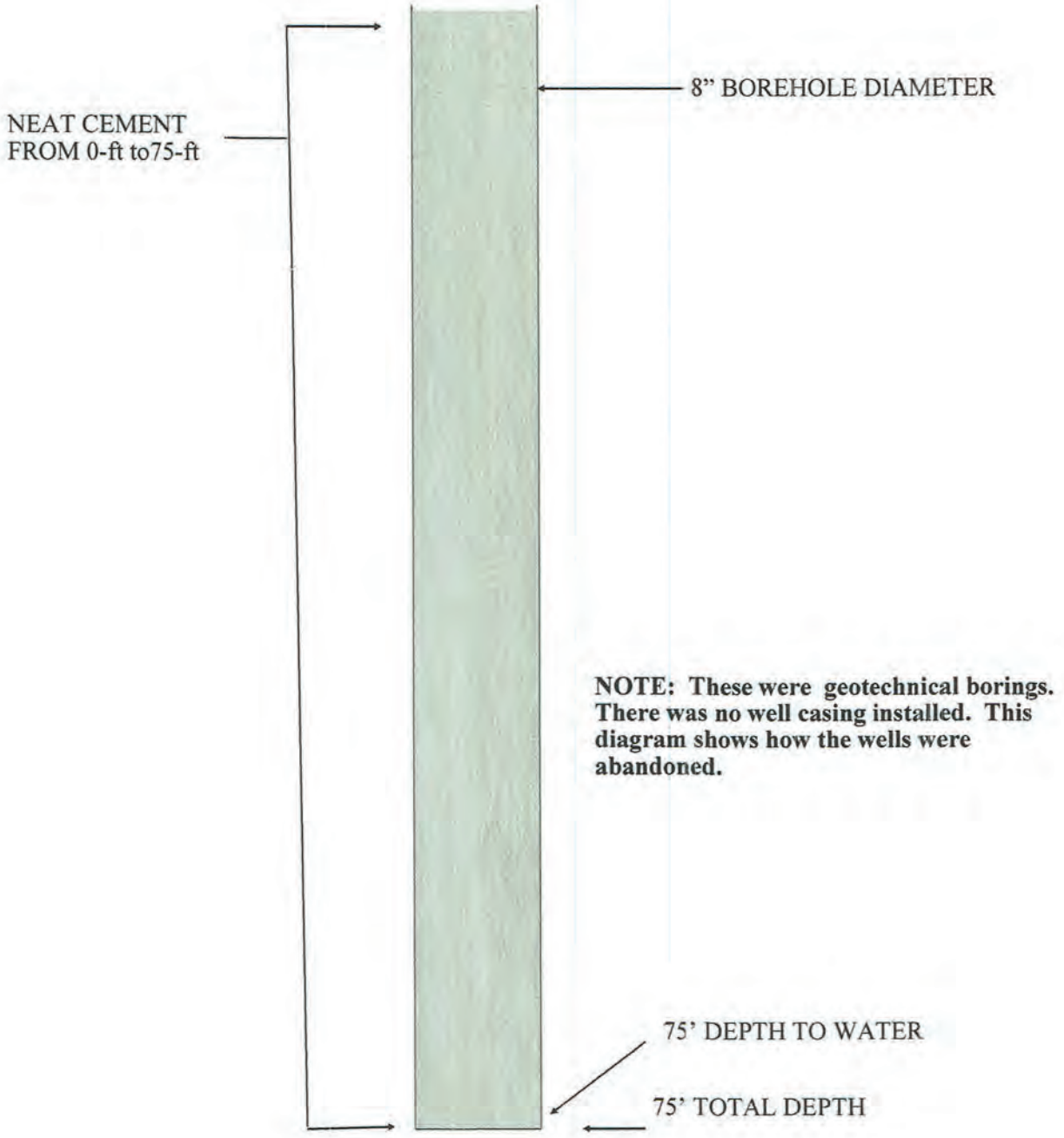
CHECK ONE
- ☐ Gravity
- ☐ Pressure Grouting
- ☒ Tremie Pumped
- ☐ Other *(please specify)*

REMARKS

I state that this is filed in compliance with A.R.S. § 45-594 and A.A.C. R12-15-816 and is complete and correct to the best of my knowledge and

TYPE OR PRINT NAME AND TITLE	SIGNATURE OF QUALIFYING PARTY	DATE
Steve Bradshaw - Vice President		5-6-20

GEOTECHNICAL WELL CONSTRUCTION / ABANDONMENT DIAGRAM



WELL OWNER: City of Tucson (55-924146) (B-3 & B-10)

DRILLER: Geomechanics Southwest, Inc. (#498)

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. 5142

Carrier No. 13317

Page 1 of 1

MTI Environmental Services Inc
(Name of carrier) (SCAC)

Date 5-19-2020

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee Los Reales Landfill
Street 7111 Cloverdale Rd
City Tucson State AZ Zip Code 85756

FROM:
Shipper C. H2 Tucson (Elliott Tucson)
Street 500 W. Simpson St.
City Tucson State AZ Zip Code 85701
24 hr. Emergency Contact Tel. No. 800-833-7602

Route

Vehicle Number

No. of Units & Container Type	HM	BASIC DESCRIPTION UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
008		NON-RCRA, NON-REGULATED SOLIDS Intended for disposal in a licensed landfill	8-drums			

PLACARDS TENDERED: YES ☐ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES $

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER [illegible]
PER [illegible]

CARRIER MTE
PER [illegible]
DATE 5-19-20

4

Permanent post-office address of shipper.

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CITY OF TUCSON ENVIRONMENTAL SERVICES
LOS REALES LANDFILL WASTE DISPOSAL REQUEST APPROVAL

REQUEST No.: 2020-21 **EXPIRATION DATE:** 5/22/2020

APPROVED BY _____ **DATE:** 5/13/2020

HAULER: (Company and Address)	MP Environmental Services, Inc 3045 South 51st Ave, Phoenix, AZ 85043
HAULER CONTACT: (Name and Phone)	Chadd Hendon, 602-278-6233
CONSULTANT: (Company and Address)	Terracon Consultants 355 S. Euclid Ave Suite 107, Tucson AZ 85719
CONSULTANT CONTACT: (Name and Phone)	Briana Li-Vidal, 510-770-1789
GENERATOR: (Company and Address)	City of Tucson, P.O. box 27210 Tucson AZ 85714
GENERATOR SITES: (Address of Material Origin)	Former Flint Oil Property, APN 116-23-2070, Historically known as 500 W. Simpson St., Tucson, AZ 85701
GENERATOR CONTACT: (Name and Phone)	Frank Bonillas, 520-837-3814
LOAD DESCRIPTION:	Impacted soil with elevated lead content – non-RCRA.
BILLING INFO:	Same as hauler.
NUMBER OF LOADS:	Approx. 1 load of 3 yards
FEE:	$42/ton

If any of the above information is incorrect please provide notice prior to transporting any loads.

Hauler must present a copy of this approval at fee booth with each load. If material requires special handling, it must be brought in by 3:00 PM and the hauler must call (791-4183) a day ahead of time to verify that an inspector will be onsite. Hauler must have an account at Los Reales or must bring a company check if they are not paying by cash or credit. For questions or information call Los Reales Landfill at 520-791-4183.

APPENDIX F
CITY OF TUCSON NOTICE TO PROCEED

CITY OF TUCSON
ENVIRONMENTAL & GENERAL SERVICES DEPARTMENT

April 3, 2020

VIA E-MAIL

Mr. Derek Koller
Terracon Consultants, Inc.
355 South Euclid Avenue, Suite 107
Tucson, Arizona 85719

Re: Notice to Proceed, Phase II Environmental Site Assessment
Former Flint Oil Property, Tucson, Arizona, APN 116-23-2070

Dear Mr. Koller:

This letter serves as a Notice to Proceed (NTP) for Terracon Consultants, Inc. (Terracon) to conduct a Phase II Environmental Site Assessment (ESA) for the Former Flint Oil Property, Tucson, Arizona. The scope of work will be performed in accordance with the attached revised Terracon proposal dated March 27, 2020, with the exclusion of Item 2.10, Preparation of Remediation Work Plan, and as annotated on Page 1 and Section 5.0, Conditions.

The Phase II ESA will be completed for the not-to-exceed amount of
unless there is prior written approval by the City of Tucson, Environmental & General Services. This work shall comply with the requirements described in the City of Tucson Contract 141030. Terracon will have seven weeks to provide two hard and two electronic copies of the final Phase II ESA.

Please contact Gira Patel at (520) 837-3742 if you have any questions.

Sincerely,

Frank Bonillas
Environmental Manager

FB/GP/rm

Enclosure: Terracon Consultants, Inc. Proposal Dated March 27, 2020

c: Liz Morales, City of Tucson, Housing and Community Development
Pete Lee, City of Tucson, Housing and Community Development
Svetlana Tchourbanova, City of Tucson, Housing and Community Development
Ryan Tripp, City of Tucson, Department of Transportation and Mobility
Gira Patel, City of Tucson, Environmental & General Services

P:\EnvironServices\EMCOMMON\Environmental Due Diligence\EARs & NTPs\Brownfields\Flint Oil Property 116-23-2070\NTP - Terracon - .docx

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