SAMPLING AND ANALYSIS REPORT
UNITS FROM SS-25 PROJECT
ALISO CANYON NATURAL GAS STORAGE FACILITY
12801 TAMPA AVENUE
PORTER RANCH, CALIFORNIA

Prepared For:

LOS ANGELES COUNTY DEPARTMENT OF PUBLIC HEALTH

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A LEIGHTON GROUP COMPANY

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1.0 INTRODUCTION

Leighton Consulting Inc., (Leighton Consulting) presents this Sampling and Analysis Report for units from Well SS-25 at the Southern California Gas (SoCalGas) Aliso Canyon Natural Gas Storage Facility located in Porter Ranch, California. The purpose of the investigation was to assess materials derived from the remediation of Well SS-25 and identify potential chemicals of concern and their concentration in materials that may have affected the surrounding community during the Porter Ranch gas blowout. The scope of work does not include a discussion of the results, conclusions, or recommendations at this time. The laboratory results are intended to be made available for use by scientists that will be evaluating public health impacts on people living in the surrounding communities as part of the $25 Million Aliso Canyon Disaster Health Research Study.

1.1 Site Background

An unprecedented release of natural gas from the Aliso Canyon Natural Gas Storage Facility occurred for several months between October 2015 and February 2016 and it is estimated that approximately 100,000 tons of methane was released to the atmosphere. The natural gas storage facility is the second largest storage facility of its kind in the United States and is located within a depleted oil field that was repurposed to gas storage in the 1970s. The source of the leak was from injection well “Standard Sesnon 25” (SS-25). SoCalGas performed seven unsuccessful well top-kill attempts from October 24 through December 22, 2015 by pumping mixed fluids and mud down the well. A bottom-kill/well control attempt was subsequently made by advancing a relief well to intersect SS-25 and well-kill fluids were pumped to the bottom of the leaking well. The relief well kill attempt was successful and Well SS-25 was confirmed by state officials as sealed on February 18, 2016. This event exposed residents in surrounding communities to chemicals associated with the emissions from the oil and gas storage field release at SS-25, as well as the materials associated with the seven unsuccessful well-kill events.

During remediation by SoCalGas of the Aliso Canyon Well Failure, materials were stored in units (roll-off bins or similar containers) that generally hold approximately 20 cubic yards of material, as well as one 20,000 gallon tank that holds liquids. The units were categorized, labeled, and temporarily stored onsite at the Aliso Canyon Natural Gas Storage Facility under evidentiary hold by the California Public Utilities Commission, Safety and Enforcement Division until May 26, 2020. A Sampling and Analysis Plan (SAP) was prepared by AECOM dated July 21, 2020, that included a description of the procedures for sampling and analysis of the materials in the units for their characterization prior to disposal (AECO

Appendix A). A list of units, with a distinct unit number provided for each, and categories of the materials stored in each unit are provided in Attachment 1 of the SAP included in Appendix A. The SAP lists 150 units that are divided into 31 different categories based on the type and source of the material. The categories include primarily soil and debris from the immediate and surrounding affected area around SS-25, as well as sludge materials and well control fluids that appear to be associated with drilling muds and fluids utilized during well-kill events. The SAP stated that twenty percent of the units within each of the 31 categories would be selected at random for sampling and profiling purposes, with at least one unit per category sampled.

The Los Angeles County Department of Public Health (Public Health) was notified by SoCalGas that their environmental consultant, AECOM, had conducted sampling in accordance with the SAP and that the units were being scheduled for removal from the Site as early as August 5, 2020. Public Health requested from SoCalGas that select units be made available for observation and sampling in order to provide an independent assessment for potential chemicals of concern and retained Leighton Consulting to conduct the sampling, which occurred on August 4, 2020. The Los Angeles County Fire Department Health Hazardous Material Division granted SoCalGas a time extension to dispose of the units by November 22, 2020.

2.0 SUMMARY OF SAMPLING CONDUCTED

2.1 Health and Safety

In accordance with standard environmental procedures, Leighton Consulting prepared a Site Specific Health and Safety Plan (HSP) describing safety aspects of the work to be performed at the site. The HSP was prepared in compliance with the Occupational Safety and Health and Administration (OSHA) regulation 29 CFR 1910.120. The site specific HSP was onsite during field activities and was signed by Leighton Consulting field personnel.

The field assessment was conducted on August 4, 2020. Each individual that participated in the sampling activities drove separately and a COVID-19 screening was conducted at the entrance gate prior to entering the facility. Each participant wore proper personal protective equipment (PPE) while on the facility, including but not limited to a hard hat, safety vest, face mask, and eye protection. Nitrile gloves were also worn during sampling activities. A tailgate meeting was led by Mr. William J. Lukins from SoCalGas prior to sampling to discuss facility safety procedures. Mr. Lukins provided access to the selected units that were stored at various locations throughout the facility and was present during the sampling activities.

2.2 Unit Selection

2.2.1 Unit Selection for Observation

Leighton Consulting and Public Health reviewed the list of units stored at the Aliso Facility prior to the field assessment and selected nineteen units to observe and select from for sampling. A priority was given to units that contained sludge or water from SS-25 that was considered to have the highest potential of dispersing through the air and reaching the community during the failed well-kill events. Units containing soil from a variety of locations at and near Well SS-25 were also selected for observation. Units that contained solid debris only (such as concrete, sandbags, and wood) were not selected for observation. At the request of the sampling team, the nineteen units were opened by SoCalGas for observation the morning of the field assessment. One additional unit (SF1530) was also selected to observe during the field assessment for a total of twenty units. Evidence of staining or odors was not observed in the soil units; however odors and/or staining were observed in the sludge units and the water tank. The units selected for sampling included those that were considered to co

drilling muds, or drilling fluids, and therefore of interest for health study purposes; this included, one water tank which contained resurfaced well control fluids and four units that contained sludge. In addition, four soil bins were selected for sampling that were located from within the immediate Well SS-25 vicinity. The units observed are summarized below in Section 2.1.2, as well as a rationale for sampling selection.

2.2.2 Unit Selection for Sampling

Unit Number	Description of Contents	Sampling Rationale
TK-130	SS-25 resurfaced well control fluids	Yes – liquid holding tank and petroleum odor noted.
SF1515	Soil and Debris from SS-25	Yes – soil from immediate vicinity of well SS-25 and may contain chemicals of concern associated with the well.
SF1604	Soil and Debris from SS-25	Yes – soil from immediate vicinity of well SS-25 and may contain chemicals of concern associated with the well.
PT3138	Soil and Debris from SS-25	Yes – soil from immediate vicinity of well SS-25 and may contain chemicals of concern associated with the well.
PT1419	Soil from V ditches	Yes - V-ditches are utilized for runoff and may contain soil with contaminants of concern, although not considered a high concern. This unit of the three observed contained the most soil and the least amount of concrete and asphalt debris.
PT2973	Soil from V ditches	No – see description for Unit PT1419 that was selected.
PT3350	Soil from V ditches	No – see description for Unit PT1419 that was selected.
VB27599	25A/25B Cellar/Pipe Trench Sludge	Yes – sludge from SS-25 and petroleum odors noted.
20175	Crater Soils from Slab Removal Overdig	No – contained concrete with some soil.
VB25833	Liquid form SS-25 Crater	No – empty with the exception of a rubber hose and wooden pallet debris. Had reportedly contained approximately 2 inches of water that appears to have had evaporated.
V881	SS-25 Pipe Trench Sludge	Yes – sludge from SS-25 and petroleum odors noted.

Unit Number	Description of Contents	Sampling Rationale
CT814	SS-25 Crater Sludge/Oil Product	Yes –This material was viscous unrefined oil from the well. Other units containing oil were not observed or reported.
V327	SS-25 Earthen Sludge Outside Pipe Trench	No – SF1530 was reported to be more representative of this type of material; therefore, it was opened and selected for sampling.
20107	Soils less than 50 PPM VOC from SS-25 Crater	No – staining or odors not observed, not considered high priority.
15808-20222	Soils less than 50 PPM VOC from SS-25 Crater	No – staining or odors not observed, not considered high priority.
2050	Surface Soils from SS-25 Clean-Up	No – staining or odors not observed, not considered high priority.
SF1606	South Slope	No – staining or odors not observed, not considered high priority.
20250	North Slope	No – staining or odors not observed, not considered high priority.
2090	Slope Soil	No – staining or odors not observed, not considered high priority.
SF1530	Cellar/Pipe Trench Sludge	Yes – sludge from SS-25 and petroleum odors noted.

2.3 Sample Collection

2.3.1 Liquid Holding Tank

Resurfaced well control fluids were stored in a 20,000 gallon tank with an access port at the top, accessible by a staircase. The contents appeared to be primarily water and were sampled by lowering a disposable bailer into the tank and allowing the bailer to fill, then slowly transferring the liquid at an angle into laboratory supplied containers. The transfer occurred over a 5-gallon bucket to contain any overfill. The overfill was then transferred back to the tank at the completion of sampling. The tank is estimated to be approximately eight to ten feet tall with an approximately six foot water column. Three samples were collected from this unit, one from approximately the top of the water column, one from approximately the middle of the water column, and one from approximately the bottom of the water (above sediment). It is noted that the zone of collection is only approximate as there is not a method to prevent water entering the bailer utilized until the desired depth is achieved. However, it appeare

bulk of the liquids in the bailer were from the approximate desired depths, and a stronger petroleum hydrocarbon odor was noted in the middle and bottom samples. The bottom sample near the sediment also appeared to be murkier than the overlying samples.

2.3.2 Soil Units

Sampling from the selected bins was conducted using a hand auger. The bins generally contained approximately four feet of soil with some asphalt, concrete, and/or sand bag debris. Debris was avoided during the sampling. Three discrete samples were collected from each bin. One from the left side of the bin at a depth of approximately 0.5 feet below the top of the soil, one from the center of the bin at a depth of approximately 1.5 feet below the top of the soil, and one from the right side of the bin at a depth of approximately 3.0 feet below the top of the soil. Two 8-ounce laboratory supplied glass jars were filled from each location. Each soil sample was subsampled utilizing Environmental Protection Agency (EPA) 5035 methodology. This method utilized laboratory supplied disposable field methanol extraction syringes used to collect the aliquot directly from the glass jar and placed into six laboratory provided 40-milliliter (ml) glass volatile organic analysis (VOA) vials containing pre-weighed methanol or sodium bisulfate preservative.

2.3.3 Sludge Units and Oil/Product

Sludge from unit SF1530 was collected utilizing the same methodology as described above for soil (Section 2.3.2). Units VB27599 and V881 each had approximately one foot of water overlying the sludge and was only accessible by an access port in the center of the container. Therefore, only one sample from the sludge surface, directly below the water, was collected from these units utilizing the methods described above. Unit CT814 contained a viscous oil. A shovel provided by AECOM was utilized to scoop oil from the top of the container into the 8-ounce glass jars. This was the last bin sampled and the shovel was not used for sampling any of the other units.

2.3 Sample Identification, Handling, and Equipment Decontamination

2.3.1 Sample Identification

Each unit has been assigned a unique identification (ID) number by SoCalGas staff for inventory and tracking purposes. Sample containers from each selected unit were assigned an ID number that corresponds to the unit of origin. The unit ID was followed by the sample number (-1, -2, or -3), and then by the depth for the soil samples (-0.5, -1.5, or -3.0) (example PT3138-1-0.5 is from Unit PT3138, was the first sample collected, and was collected at a depth of 0.5 feet below the top of the soil). The sludge samples collected from the surface of the sludge (beneath the water) were labeled with an "-S". Field duplicate samples were designation with a "D" at the endo of the sample ID. The sample of oil collected from CT814 was only identified by the unit number.

Each sample container was marked in the field, with the sampling location ID, depth, date and time of sample collection, sampler's name, type of analysis, and preservatives used, if any.

2.3.2 Sample Handling and Chain-of-Custody

The samples were placed in zip lock bags and in ice chests cooled to approximately 4° Celsius for storage and transportation directly to Eurofins Calscience in Garden Grove, California, a State of California and National Environmental Laboratory Accreditation Program (NELAP) Certified laboratory.

For each sample that was submitted to the laboratory for analysis, an entry was made on the chain-of-custody form supplied by the laboratory. The information recorded included the sampling date and time, sample identification number, matrix type, requested analyses and methods, preservatives, and the sampler's name. Sampling team members maintained custody of the samples until they were relinquished to laboratory personnel. The chain-of-custody form accompanied the samples from the time of collection until received by the laboratory. Each party in possession of the samples signed the chain-of-custody form signifying receipt.

2.3.3 Split Sampling

At each sampling location, a split sample of an equivalent sample size was collected and provided to AECOM, as well as the analytical list intended for that sample. Analytical method requests that were submitted to the laboratory after the field assessment were also provided to SoCalGas via email transmittal.

2.3.4 Equipment Decontamination

The hand auger bucket and shovel (oil sample only) was decontaminated before and after each sample was collected using the following procedures:

- Remove bulk solid debris and soil from the equipment using a long-handled brush into the bin of origin;
- Scrub with a phosphate-free laboratory detergent using a brush if necessary to remove remaining particulate matter and surface films;
- Potable water rinse;
- Distilled water rinse; and
- Allow equipment to air dry.

The equipment decontamination station, consisting of three 5-gallon buckets, was located in the bed of the field truck on Visqueen sheeting. Sampling equipment was placed on clean Visqueen to dry. At the end of the field sampling, the decontamination water was transferred into a water holding tank located at Well SS-7 utilized by AECOM for the storage of decontamination fluids from previous assessments.

2.4 Field Quality Assurance/Quality Control Samples

Ten percent of primary samples were collected as field duplicates and included one soil sample and one sludge sample. A duplicate sample of the well fluids was not collected due to the approximate nature of the sampling interval. The duplicate samples were designated with a “D” at the end of the sample ID. The duplicate samples were analyzed for the same constituents as the primary sample.

An equipment blank was collected at the end of the day by decontaminating the hand auger barrel and then pouring deionized water through the barrel into laboratory supplied jars. The equipment blank sample was identified as “EB” and

was analyzed for the same constituents listed on the chain-of-custody for the soil samples, with the exception of polychlorinated biphenyls.

Laboratory-sealed trip blank samples were prepared and certified organic-free by the laboratory and were included with each of the sample coolers submitted to the laboratory. The trip blanks were labeled TB-1 through TB-6 and were analyzed for volatile organic compounds (VOCs).

3.0 LABORATORY ANALYSIS

The samples were submitted to Eurofins Calscience in Garden Grove, California, a State of California and National Environmental Laboratory Accreditation Program (NELAP) Certified laboratory. The samples submitted are described to consist of the following media: three well control fluid samples, thirteen soil samples, six sludge samples, and one sample described as "oil". In addition, one equipment blank and six trip blanks were submitted. The table below summarizes the analytical methods and test descriptions utilized by the laboratory for the samples from each type of media:

Method	Test Description	Media Analyzed
EPA 6010B*	Title 22 Metals, Expanded Metals List, and Sulfur	Soil, sludge, oil, and well control fluids (23 samples)
EPA 7471A	Mercury	Soil, sludge, and oil (20 samples)
EPA 7470A*	Mercury	Well control fluids (3 samples)
EPA 7199*	Hexavalent Chromium	Soil, sludge, and well control fluids (22 samples)
CA WET DI STLC/EPA 7199	Soluble Hexavalent Chromium – Soluble Threshold Limit Concentration (STLC) (Deionized Water)	Oil (1 sample)
1311 TCLP/EPA 7199	Soluble Hexavalent Chromium – Toxicity Characteristic Leaching Procedure (TCLP) (Deionized Water)	Oil (1 sample)
EPA 8015B*	Total Petroleum Hydrocarbons-Carbon Chain (C6-C44)	Soil, sludge, oil, and well control fluids (23 samples)
EPA 5035/8015B*	Gasoline Range Organics (C4-C12)	Soil, sludge, oil, and well control fluids (23 samples)
EPA 5035/8260B**	Volatile Organic Compounds - Super List + Tentatively Identified Compounds (TICs)	Soil, sludge, oil, and well control fluids (23 samples)
EPA 8270C*	Semi-Volatile Organic Compounds (SVOCs) – Super List + Tentatively Identified Compounds (TICs)	Soil, sludge, oil, and well control fluids (23 samples)
EPA 8270C SIM	Polyaromatic Hydrocarbons (PAHs)	Soil, sludge, oil, and well control fluids (23 samples)
EPA 8082	Polychlorinated Biphenyls (PCBs)	Soil, sludge, oil, and well control fluids (23 samples)

Method	Test Description	Media Analyzed
EPA 300.0	Chloride	Sludge and well control fluids (9 samples)
EPA 8315A	Carbonyl Compounds (Aldehydes)	Sludge and well control fluids (9 samples)
LACSD 258	Mercaptans	Well control fluids (3 samples)
SM 2320B	Alkalinity	Sludge (6 samples)
EPA 9045C	pH	Sludge (6 samples)
NIOSH 7500	Crystalline Silica – subcontracted to EMSL Analytical Inc.	Sludge (6 samples)
GA-01-R-Raduim-226 & Other Gamma Emitters (GS)	Po-210 Isotopes – subcontracted to Eurofins-Test America	Sludge (6 samples)
A-01-R-Isotopic Polonium (Alpha Spectrometry)	Pb-210 Isotopes – subcontracted to Eurofins-Test America	Sludge (6 samples)

* The equipment blank (EB) was analyzed by this method
** The equipment blank and the trip blanks (TB-1 through TB-6) were analyzed by this method
Note: The oil material was not able to be analyzed by EPA 7199 for hexavalent chromium; therefore it was extracted and analyzed by soluble methods for hexavalent chromium.

The analytical results for the test methods conducted by Eurofins Calscience (all methods excluding crystalline silica and isotope analysis) for solids (soil, sludge, and oil) are summarized in Table 1. The laboratory report is included in Appendix B.

The analytical results for crystalline silica, subcontracted to EMSL Analytical Inc., is summarized in Table 2 and the laboratory report is included in Appendix C.

The analytical results for the Po-210 and Pb-210 Isotopes, subcontracted to Eurofins-Test America, are summarized in Table 3. The laboratory report is included in Appendix D.

The analytical results for the test methods conducted by Eurofins Calscience for the well control fluids and the QA/QC samples are summarized in Tables 4 and 5, respectively. The laboratory report is included in Appendix B.

4.0 LIMITATIONS

The services described in this report were performed consistent with generally accepted professional consulting principles and practices. No other warranty, express or implied, is made. Opinions, conclusions, and recommendations contained in this report apply to conditions existing when the services were performed and are intended only for the client, purposes, locations, time frames, and project parameters indicated. Where subsurface exploratory work, monitoring, and/or testing was performed, our professional opinions and conclusions are based in part on interpretation of data from discrete sampling or measurement locations that may not represent actual conditions at un-sampled or un-measured locations. We are not responsible for the impacts of any changes in environmental standards, practices, or regulations subsequent to performance of the services. We assume no responsibility for conditions we were not authorized to evaluate, or conditions not generally recognized as predictable when the services were performed. We do not warranty the accuracy of information supplied by others, or the use of segregated portions of this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Leighton Consulting should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

Leighton Consulting's professional opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited assessment and chemical analyses data. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between and beyond the sampling locations.

5.0 REFERENCES

AECOM, 2020, Sampling and Analysis Plan for Units from Aliso Canyon SS-25 Project, Project No. 60637068, dated July 31, 2020.

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 6010B/7471A/7199 in mg/kg Title 22 Metals, Expanded Metals List, Hexavalent Chromium, and Sulfur	Aluminum	7170	7100	7090	4070	4210	4250	2860	4150	5220	5180
	Antimony	< 0.732 L F1	< 0.739	< 0.754	< 0.758	< 0.739	< 0.746	< 0.765	< 0.754 L	< 0.761 L	< 0.758 L
	Arsenic	8.17	7.28	7.16	6.24	5.47	5.75	4.17	5.88	6.33	5.90
	Barium	220	200	230	246	1160	971	772	875	1040	1070
	Beryllium	1.24	1.10	1.08	0.580	0.634	0.605	0.405	0.662	0.835	0.832
	Boron	< 1.95 L F1	< 1.97	< 2.01 L	< 2.02	< 1.97	1.37 J B	< 2.04	2.16 B	1.38 J B	1.84 J B
	Cadmium	8.65	7.60	7.36	4.48	3.98	4.38	3.16	4.94	6.48	6.66
	Calcium	19200	19100	23700	13400	11000	12300	11200	15400	15300	18300
	Chromium	22.3	22.6	21.7	10.8	12.7	13.1	9.44	13.0	16.9	16.9
	Cobalt	8.41	7.32	8.11	4.45	3.59	3.56	2.43	6.06	4.30	5.72
	Copper	44.4	42.4	41.6	19.2	28.8	25.8	17.8	27.2	33.5	32.9
	Chromium, hexavalent	4.4	< 4	< 4	< 4	< 4	< 4	6.2	< 4	< 4	< 4
	Iron	19200	17600	17300	10200	11700	11000	7720	11900	13800	13900
	Lead	5.62	4.26	5.39	3.76	8.64	13.7	8.38	8.52	18.3	8.77
	Magnesium	4680	5550	8130	2220	2390	2510	1680	2360	2760	2840
	Manganese	276	244	254	187	191	163	106	340	209	255
	Mercury	0.0671 J F1	0.0502 J	0.0450 J	0.0303 J	0.156	0.176	0.0639 J	0.279	0.386	0.265
	Molybdenum	25.8	17.5	16.8	10.2	10.2	9.39	6.64	10.2	11.9	12.6
	Nickel	86.4	80.6	80.3	37.1	40.9	40.6	26.9	57.7	55.9	61.2
	Phosphorus	1760 B	1630 B	1630 B	820 B	1480 B	1130 B	810 B	1040 B	1510 B	1330 B
	Potassium	2880	2650	2760	1510	2210	2160	1460	2060	2550	2420
	Selenium	< 0.732 L	< 0.739 L	< 0.754 L	< 0.758 L	< 0.739	< 0.746 L	< 0.765 L	< 0.754 L	< 0.761 L	< 0.758 L
	Silicon	94.3 F1	101	87.4	77.6	116	103	110	99.8	77.5	95.3
	Silver	0.132 J	< 0.246	< 0.251	< 0.253	< 0.246	< 0.249	< 0.255	< 0.251	< 0.254	< 0.253
	Sodium	346 B	391 B	427 B	273 B	372 B	475 B	272 B	578 B	659 B	730 B
	Strontium	74.7 F1	76.2	89.1	42.7	82.1	116	65.9	144	149	176
	Sulfur	152 B	159 B	160 B	1050 B	403 B	535 B	280 B	862 B	444 B	581 B
	Thallium	< 0.732	< 0.739	< 0.754	< 0.758	< 0.739	< 0.746 L	< 0.765	< 0.754	< 0.761	< 0.758
	Tin	< 2.44 L F1	< 2.46 L	< 2.51 L	< 2.53 L	< 2.46 L	< 2.49 L	< 2.55 L	< 2.51 L	< 2.54 L	< 2.53 L
	Titanium	254	260	242	144	248	214	182	203	231	233
	Vanadium	113	102	99.4	48.2	57.4	54.5	37.4	61.0	76.1	77.5
	Zinc	128	120	118	64.7	77.8	78.2	53.3	78.4	94.1	96.6
EPA METHOD 7199 Soluble µg/L	Chromium, hexavalent (STLC)	--	--	--	--	--	--	--	--	--	--
	Chromium, hexavalent (TCLP)	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 6010B/7471A/7199 in mg/kg Title 22 Metals, Expanded Metals List, Hexavalent Chromium, and Sulfur	Aluminum	5110	5720	5440	5020	4590	4470	4750	3800	3540	58.1 B
	Antimony	< 0.750	< 0.735 L	< 0.769	0.395 J	1.07	0.552 J	< 0.758	< 0.725	1.05	0.980
	Arsenic	5.56	8.52	6.22	5.80	5.85	6.88	6.95	6.25	6.56	0.432 J B
	Barium	977	1210	684	2390	2660	2790	2070	2040	3100	63.9
	Beryllium	0.812	0.937	0.828	0.811	0.753	0.839	0.835	0.709	0.633	< 0.248
	Boron	< 2.00	1.69 J B	< 2.05	2.86 B	1.52 J B	1.99 J B	5.58 B	2.16 B	6.78 B	4.47 B
	Cadmium	5.21	7.56	6.23	4.85	3.45	4.14	4.53	4.69	4.24	0.148 J
	Calcium	9030	16200	10700	11400	10400	10100	12100	11000	11400	155
	Chromium	16.2	18.3	16.6	17.3	15.2	16.1	16.2	14.9	13.7	0.176 J
	Cobalt	4.03	5.32	4.38	3.12	2.53	1.63	3.36	1.89	0.649	0.315
	Copper	32.3	35.3	32.3	36.9	26.2	27.5	32.0	27.3	23.8	1.12
	Chromium, hexavalent	9.5	< 4	< 4	< 4	< 4	< 4	4.3	< 4	< 4	--
	Iron	13700	15000	13800	13700	12900	13000	12200	10800	9920	232 B
	Lead	6.85	15.0	8.73	12.0	6.59	5.29	6.56	7.90	6.83	< 0.495
	Magnesium	2560	2980	2490	2500	2170	2100	2360	2100	1960	28.2
	Manganese	160	276	225	159	130	128	138	151	172	3.12
	Mercury	0.215	0.427	0.0751 J	0.0490 J	0.0332 J	0.0491 J	0.0469 J	0.0558 J	0.0466 J	0.0156 J
	Molybdenum	12.6	13.6	13.1	13.7	11.6	12.3	12.0	9.52	8.67	0.267
	Nickel	56.8	66.6	60.8	52.7	51.5	48.9	56.3	44.3	41.7	5.96
	Phosphorus	1240 B	1540 B	1820 B	1570 B	1410 B	1360 B	1310 B	1270 B	1020 B	14.3 B
	Potassium	2260	2750	2230	2830	2510	2540	2840	2200	2180	38.1
	Selenium	< 0.750 L	< 0.735 L	< 0.769 L	< 0.758 L	< 0.718 L	< 0.761	< 0.758 L	< 0.725	< 0.773 L	< 0.743
	Silicon	99.2	81.1	130	106	101	92.2	131	95.6	115	19.0
	Silver	< 0.250	0.103 J	< 0.256	< 0.253	< 0.239	< 0.254	< 0.253	< 0.242	< 0.258	0.141 J
	Sodium	489 B	854 B	568 B	524 B	488 B	509 B	556 B	548 B	446 B	83.7
	Strontium	110	173	104	105	110	116	136	107	151	2.21
	Sulfur	368 B	667 B	277 B	1080 B	964 B	1050 B	936 B	695 B	1070 B	415 ^
	Thallium	< 0.750	< 0.735	< 0.769	< 0.758	< 0.718	< 0.761	< 0.758	< 0.725	< 0.773	< 0.743
	Tin	< 2.50 L	< 2.45 L	< 2.56 L	< 2.53 L	< 2.39 L	< 2.54 L	< 2.53 L	< 2.42 L	< 2.58 L	0.669 J
	Titanium	215	242	196	254	208	205	231	188	175	3.30
	Vanadium	75.2	90.4	76.0	73.9	69.2	79.3	77.5	66.5	60.4	3.61
	Zinc	93.7	104	95.8	107	94.1	91.4	104	99.2	151	2.16
EPA METHOD 7199 Soluble µg/L	Chromium, hexavalent (STLC)	--	--	--	--	--	--	--	--	--	<1.0
	Chromium, hexavalent (TCLP)	--	--	--	--	--	--	--	--	--	0.17 J

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8015B in mg/kg Total Petroleum Hydrocarbons-Carbon Chain (C6-C44) 5035/8015B Gasoline Range Organics	C6	< 4.9	< 5.0	< 5.0	< 4.7	< 4.8	< 5.0	< 5.1	< 25	< 26	< 23
	C7	< 4.9	< 5.0	< 5.0	< 4.7	< 4.8	< 5.0	< 5.1	< 25	< 26	< 23
	C8	< 4.9	< 5.0	< 5.0	< 4.7	< 4.8	< 5.0	< 5.1	< 25	< 26	< 23
	C9-C10	< 4.9	< 5.0	< 5.0	< 4.7	< 4.8	< 5.0	< 5.1	< 25	< 26	< 23
	C11-C12	< 4.9	< 5.0	< 5.0	< 4.7	< 4.8	**4.7 J**	< 5.1	**37**	**71**	< 23
	C13-C14	< 4.9	< 5.0	< 5.0	< 4.7	**8.0**	**26**	**5.8**	**120**	**300**	**86**
	C15-C16	< 4.9	< 5.0	< 5.0	< 4.7	**19**	**61**	**14**	**190**	**420**	**230**
	C17-C18	**5.0**	**5.4**	**3.9 J**	**5.4**	**39**	**130**	**29**	**310**	**630**	**450**
	C19-C20	**8.1**	**11**	**8.0**	**9.7**	**52**	**170**	**41**	**350**	**690**	**530**
	C21-C22	**11**	**19**	**13**	**9.9**	**38**	**120**	**33**	**230**	**490**	**340**
	C23-C24	**13**	**29**	**19**	**7.9**	**30**	**81**	**22**	**140**	**460**	**220**
	C25-C28	**42**	**96**	**63**	**21**	**70**	**150**	**44**	**250**	**1400**	**390**
	C29-C32	**71**	**120**	**79**	**30**	**70**	**130**	**40**	**210**	**1200**	**320**
	C33-C36	**33**	**39**	**28**	**21**	**22**	**38**	**13**	**63**	**350**	**94**
	C37-C40	**8.3**	**8.6**	**8.1**	**8.0**	**5.0**	**8.3**	**4.4 J**	< 25	**66**	**23**
	C41-C44	< 4.9	< 5.0	**4.0 J**	< 4.7	< 4.8	**4.3 J**	< 5.1	< 25	**29**	< 23
	C6-C44 Total	**190**	**330**	**230**	**120**	**350**	**920**	**250**	**1900**	**6100**	**2700**
	Diesel Range Organics (C10-C28)	**81**	**160**	**110**	**55 F2 F1**	**260**	**740**	**190**	**1600**	**4400**	**2200**
	TPH as Motor Oil (C29-C44)	**110**	**170**	**120**	**61**	**99**	**180**	**61**	**300**	**1700**	**450**
	Gas Range Organics (C4-C12)	< 0.12	< 0.10	< 0.17	< 0.099	< 0.090	< 0.14	**0.11 Z**	**0.37 Z**	**0.43 Z**	**0.29 Z**

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8015B in mg/kg Total Petroleum Hydrocarbons-Carbon Chain (C6-C44) 5035/8015B Gasoline Range Organics	C6	< 51	< 47	< 50	< 50	< 50	< 26	< 260	< 48	< 48	< 4000
	C7	< 51	< 47	< 50	< 50	< 50	< 26	< 260	< 48	< 48	< 4000
	C8	< 51	< 47	< 50	< 50	< 50	< 26	< 260	< 48	< 48	< 4000
	C9-C10	< 51	< 47	< 50	**78**	**110**	**68**	**620**	< 48	< 48	< 4000
	C11-C12	< 51	**34 J**	< 50	**700**	**800**	**460**	**3200**	**64**	**71**	**3100 J**
	C13-C14	**150**	**170**	**63**	**1700**	**1700**	**990**	**5500**	**87**	**96**	**21000**
	C15-C16	**320**	**280**	**85**	**1800**	**1400**	**970**	**4700**	**67**	**72**	**41000**
	C17-C18	**680**	**470**	**160**	**2200**	**1800**	**1100**	**6600**	**85**	**87**	**67000**
	C19-C20	**870**	**560**	**200**	**2000**	**1400**	**1000**	**5500**	**86**	**85**	**52000**
	C21-C22	**550**	**330**	**140**	**1100**	**670**	**580**	**2500**	**49**	**48**	**38000**
	C23-C24	**310**	**190**	**110**	**600**	**360**	**330**	**1100**	< 48	< 48	**30000**
	C25-C28	**500**	**290**	**310**	**920**	**600**	**500**	**1700**	**38 J**	< 48	**53000**
	C29-C32	**430**	**220**	**370**	**680**	**630**	**330**	**1800**	< 48	< 48	**50000**
	C33-C36	**150**	**65**	**140**	**200**	**380**	**84**	**1200**	< 48	< 48	**28000**
	C37-C40	**45 J**	< 47	**39 J**	**48 J**	**120**	**20 J**	**400**	< 48	< 48	**8600**
	C41-C44	< 51	< 47	< 50	< 50	< 50	< 26	< 260	< 48	< 48	< 4000
	C6-C44 Total	**4000**	**2600**	**1700**	**12000**	**9900**	**6500**	**35000**	**590**	**570**	**390000**
	Diesel Range Organics (C10-C28)	**3400**	**2300**	**1100**	**11000**	**8700**	**6000**	**31000**	**510**	**520**	**300000**
	TPH as Motor Oil (C29-C44)	**650**	**320**	**570**	**940**	**1200**	**440**	**3400**	**72**	**46 J**	**88000**
	Gas Range Organics (C4-C12)	**0.16 Z**	**0.30 Z**	**0.17 Z**	**150 Z**	**120 Z**	**130 Z**	**260 Z**	**360 Z**	**580 Z**	**360 Z**

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8270C/ 8270C SIM in mg/kg Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	1,2,4-Trichlorobenzene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	1,2-Dichlorobenzene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	1,2-Diphenylhydrazine	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.0	< 0.50
	1,3-Dichlorobenzene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	1,4-Dichlorobenzene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	1-Methylnaphthalene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	1-Methylnaphthalene (8270C SIM)	**0.0039 J**	< 0.020	< 0.020	**0.0055 J**	**0.0031 J**	**0.020**	**0.0075 J**	**0.025 J**	**0.14**	**0.015 J**
	2,4,5-Trichlorophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2,4,6-Trichlorophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2,4-Dichlorophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2,4-Dimethylphenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2,4-Dinitrophenol	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 9.9	< 8.0	< 10
	2,4-Dinitrotoluene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2,6-Dichlorophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2,6-Dinitrotoluene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2-Chloronaphthalene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2-Chlorophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2-Methylnaphthalene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2-Methylnaphthalene (8270C SIM)	**0.0052 J**	< 0.020	< 0.020	**0.011 J**	**0.0065 J**	**0.039**	**0.012 J**	**0.038 J**	**0.23**	**0.025 J**
	2-Methylphenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2-Nitroaniline	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	2-Nitrophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	3 & 4 Methylphenol	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	3,3'-Dichlorobenzidine	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 12	< 10	< 12
	3-Nitroaniline	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	4,6-Dinitro-2-methylphenol	< 5.0	< 5.0	< 5.0 F2	< 5.0	< 5.0	< 5.0	< 5.0	< 12	< 10	< 12
	4-Bromophenyl phenyl ether	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	4-Chloro-3-methylphenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	4-Chloroaniline	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	4-Chlorophenyl phenyl ether	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	4-Nitroaniline	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	4-Nitrophenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Acenaphthene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Acenaphthene (8270C SIM)	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.020	< 0.020	**0.015 J**	**0.032 J**	**0.12**

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8270C/ 8270C SIM in mg/kg Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	1,2,4-Trichlorobenzene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	1,2-Dichlorobenzene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	1,2-Diphenylhydrazine	< 0.50	< 0.50	< 0.50	< 0.50	< 0.99	< 0.49	< 0.99	< 0.50	< 0.49	< 200 *
	1,3-Dichlorobenzene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	1,4-Dichlorobenzene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	1-Methylnaphthalene	< 2.5	< 0.99	< 1.0	**18**	**19**	**21**	**30**	**18**	**31**	**280**
	1-Methylnaphthalene (8270C SIM)	< 0.10	**0.90**	**0.0058 J**	**25**	**28**	**30**	**35**	**7.4**	**47**	**230**
	2,4,5-Trichlorophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2,4,6-Trichlorophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2,4-Dichlorophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2,4-Dimethylphenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2,4-Dinitrophenol	< 10	< 4.0	< 4.0	< 10	< 7.9	< 9.9	< 20	< 9.9	< 9.9	< 820
	2,4-Dinitrotoluene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2,6-Dichlorophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2,6-Dinitrotoluene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2-Chloronaphthalene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2-Chlorophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2-Methylnaphthalene	< 2.5	< 0.99	< 1.0	**35**	**40**	**38**	**71**	**44**	**76**	**550**
	2-Methylnaphthalene (8270C SIM)	**0.017 J**	**1.3**	**0.011 J**	**47**	**53**	**52**	**77**	**14**	**96**	**370**
	2-Methylphenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2-Nitroaniline	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	2-Nitrophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	3 & 4 Methylphenol	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200
	3,3'-Dichlorobenzidine	< 12	< 5.0	< 5.0	< 12	< 9.9	< 12	< 25	< 12	< 12	< 1000
	3-Nitroaniline	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	4,6-Dinitro-2-methylphenol	< 12	< 5.0	< 5.0	< 12	< 9.9	< 12	< 25	< 12	< 12	< 1000
	4-Bromophenyl phenyl ether	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	4-Chloro-3-methylphenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	4-Chloroaniline	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	4-Chlorophenyl phenyl ether	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200 *1
	4-Nitroaniline	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200 *1
	4-Nitrophenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Acenaphthene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Acenaphthene (8270C SIM)	< 0.10	**0.022 J**	< 0.020	**0.39**	**0.50 J**	**0.65**	**3.2**	**0.056**	**0.47**	**7.2 J**

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8270C/ 8270C SIM in mg/kg Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	Acenaphthylene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Acenaphthylene (8270C SIM)	< 0.020	< 0.020	< 0.020	< 0.020	< 0.040	< 0.020	< 0.020	< 0.040	< 0.040	< 0.10
	Aniline	< 1.0	< 0.99	< 1.0 F1	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Anthracene	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Anthracene (8270C SIM)	**0.0031 J**	**0.0028 J**	**0.0017 J**	< 0.020	**0.018 J**	**0.021**	**0.015 J**	**0.054**	**0.055**	**0.033 J**
	Azobenzene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Benzidine	< 10 *	< 9.9 *	< 10 * F1	< 9.9 *	< 10 *	< 10 *	< 9.9 *	< 25 *	< 20 *	< 25 *
	Benzo[a]anthracene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Benzo[a]anthracene (8270C SIM)	**0.013 J**	**0.014 J**	**0.0078 J**	**0.0052 J**	**0.0055 J**	**0.0083 J**	**0.0097 J**	**0.025 J**	**0.023 J**	**0.12**
	Benzo[a]pyrene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Benzo[a]pyrene (8270C SIM)	**0.0047 J**	**0.0063 J**	**0.0057 J**	**0.0040 J**	< 0.040	< 0.020	< 0.020	< 0.040	**0.0097 J**	**0.026 J**
	Benzo[b]fluoranthene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Benzo[b]fluoranthene (8270C SIM)	**0.011 J**	**0.0041 J**	**0.0067 J**	**0.0054 J**	< 0.040	**0.0044 J**	**0.011 J**	**0.011 J**	**0.0082 J**	**0.021 J**
	Benzo[g,h,i]perylene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Benzo[g,h,i]perylene (8270C SIM)	**0.013 J**	**0.011 J**	**0.015 J**	**0.0085 J**	**0.013 J**	< 0.10	< 0.098	< 0.040	**0.019 J**	< 0.20
	Benzo[k]fluoranthene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Benzo[k]fluoranthene (8270C SIM)	**0.0058 J**	**0.0082 J**	**0.0058 J**	< 0.020	< 0.040	**0.0037 J**	**0.0057 J**	**0.0083 J**	< 0.040	< 0.10
	Benzoic acid	< 5.0 *1	< 5.0 *1	< 5.0 F1 *1	< 5.0 *1	< 5.0 *1	< 5.0 *1	< 5.0 *1	< 12 *1	< 10 *1	< 12 *1
	Benzyl alcohol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	bis (2-Chloroisopropyl) ether	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Bis(2-chloroethoxy)methane	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Bis(2-chloroethyl)ether	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 12	< 10	< 12
	Bis(2-ethylhexyl) phthalate	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Butyl benzyl phthalate	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Chrysene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Chrysene (8270C SIM)	**0.021**	**0.018 J**	**0.012 J**	**0.0083 J**	**0.017 J**	**0.034**	**0.028**	**0.086**	**0.090**	**0.011 J**
	Dibenz(a,h)anthracene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Dibenz(a,h)anthracene (8270C SIM)	**0.0093 J**	**0.0056 J**	< 0.020	< 0.020	< 0.080	< 0.10	< 0.098	< 0.040	< 0.080	< 0.20
	Dibenzofuran	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Diethyl phthalate	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Dimethyl phthalate	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Di-n-butyl phthalate	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Di-n-octyl phthalate	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Fluoranthene	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/5/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8270C/ 8270C SIM in mg/kg Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	Acenaphthylene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Acenaphthylene (8270C SIM)	< 0.10	**0.14**	< 0.020	**0.76**	**1.0**	**0.95**	**0.70**	**0.24**	**0.70**	< 41
	Aniline	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Anthracene	< 2.5 *1	< 0.99 *1	< 1.0 *1	**0.92 J *1**	**0.86 J *1**	**1.1 J *1**	**1.4 J *1**	**0.48 J *1**	**0.77 J *1**	< 200
	Anthracene (8270C SIM)	**0.031 J**	**0.17**	**0.0096 J**	**0.091 J**	**0.18 J**	**0.19 J**	**0.090 J**	**0.047**	**0.16**	**5.0 J**
	Azobenzene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Benzidine	< 25 *	< 9.9 *	< 10 *	< 25 *	< 20 *	< 25 *	< 49 *	< 25 *	< 25 *	< 2000
	Benzo[a]anthracene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Benzo[a]anthracene (8270C SIM)	**0.020 J**	**0.056 J**	< 0.020	**0.15 J**	**0.28 J**	**0.20**	**0.19**	**0.054**	**0.15**	**13 J**
	Benzo[a]pyrene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Benzo[a]pyrene (8270C SIM)	< 0.10	**0.018 J**	< 0.020	< 0.20	< 1.0	**0.12 J**	**0.034 J**	**0.013 J**	**0.048 J**	< 41
	Benzo[b]fluoranthene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Benzo[b]fluoranthene (8270C SIM)	< 0.10	**0.015 J**	< 0.020	**0.033 J**	< 1.0	**0.052 J**	**0.024 J**	**0.0067 J**	< 0.10	< 41
	Benzo[g,h,i]perylene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Benzo[g,h,i]perylene (8270C SIM)	< 0.10	< 0.099	< 0.020	< 0.20	< 1.0	< 1.0	< 1.0	< 0.49	< 2.0	< 41
	Benzo[k]fluoranthene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Benzo[k]fluoranthene (8270C SIM)	< 0.10	< 0.099	< 0.020	< 0.20	< 1.0	< 0.20	**0.021 J**	**0.0051 J**	**0.016 J**	< 41
	Benzoic acid	< 12 *1	< 5.0 *1	< 5.0 *1	< 12 *1	< 9.9 *1	< 12 *1	< 25 *1	< 12 *1	< 12 *1	< 1000
	Benzyl alcohol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	bis (2-Chloroisopropyl) ether	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200
	Bis(2-chloroethoxy)methane	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Bis(2-chloroethyl)ether	< 12	< 5.0	< 5.0	< 12	< 9.9	< 12	< 25	< 12	< 12	< 1000
	Bis(2-ethylhexyl) phthalate	**0.71 J *1**	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	**0.26 J *1**	< 4.9 *1	**0.32 J *1**	< 2.5 *1	< 200
	Butyl benzyl phthalate	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Chrysene	< 2.5	< 0.99	< 1.0	< 2.5	**0.28 J**	**0.39 J**	< 4.9	< 2.5	< 2.5	< 200
	Chrysene (8270C SIM)	**0.062 J**	**0.17**	< 0.020	**0.29**	**0.34 J**	**0.50**	**0.41**	**0.11**	**0.29**	**15 J**
	Dibenz(a,h)anthracene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Dibenz(a,h)anthracene (8270C SIM)	< 0.10	< 0.099	< 0.020	< 0.20	< 1.0	< 1.0	< 1.0	< 0.49	< 2.0	< 41
	Dibenzofuran	< 2.5	< 0.99	< 1.0	**1.5 J**	**1.5 J**	**1.8 J**	**2.2 J**	**0.93 J**	**1.5 J**	**46 J**
	Diethyl phthalate	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200 *1
	Dimethyl phthalate	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Di-n-butyl phthalate	< 2.5 *1	< 0.99 *1	**0.13 J *1**	< 2.5 *1	**0.60 J *1**	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200
	Di-n-octyl phthalate	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200
	Fluoranthene	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8270C/ 8270C SIM in mg/kg Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	Fluoranthene (8270C SIM)	**0.049**	**0.018 J**	**0.010 J**	**0.0050 J**	< 0.040	**0.0058 J**	**0.0058 J**	**0.022 J**	**0.015 J**	**0.043 J**
	Fluorene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Fluorene (8270C SIM)	**0.0037 J**	< 0.020	< 0.020	< 0.020	< 0.040	**0.047**	**0.037**	**0.18**	**0.10**	**0.22**
	Hexachloro-1,3-butadiene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Hexachlorobenzene	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Hexachlorocyclopentadiene	< 3.0	< 3.0	< 3.0 F1	< 3.0	< 3.0	< 3.0	< 3.0	< 7.4	< 6.0	< 7.5
	Hexachloroethane	< 1.0	< 0.99	< 1.0 F1	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Indeno[1,2,3-cd]pyrene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Indeno[1,2,3-cd]pyrene (8270C SIM)	**0.0068 J**	**0.0053 J**	< 0.020	**0.0056 J**	< 0.080	< 0.10	< 0.098	< 0.040	< 0.080	< 0.20
	Isophorone	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Naphthalene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Naphthalene (8270C SIM)	**0.0024 J**	< 0.020	< 0.020	**0.0090 J**	**0.0048 J**	**0.011 J**	**0.0048 J**	**0.0069 J**	**0.022 J**	< 0.10
	Nitrobenzene	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 9.9	< 8.0	< 10
	N-Nitrosodiethylamine	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 3.0	< 1.5
	N-Nitrosodimethylamine	< 1.0	< 0.99	< 1.0 F1	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	N-Nitrosodi-n-propylamine	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	N-Nitrosodiphenylamine	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 1.0 *1	< 0.99 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1
	Pentachlorophenol	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 12	< 10	< 12
	Phenanthrene	< 1.0 *1	< 0.99 *1	< 1.0 *1	< 0.99 *1	< 1.0 *1	**0.79 J *1**	**0.68 J *1**	**2.9 *1**	**2.1 *1**	**2.9 *1**
	Phenanthrene (8270C SIM)	**0.074**	**0.016 J**	**0.012 J**	**0.0051 J**	**0.012 J**	**0.51**	**0.41**	**3.0**	**2.3**	**2.9**
	Phenol	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Pyrene	< 1.0	< 0.99	< 1.0	< 0.99	< 1.0	< 1.0	< 0.99	< 2.5	< 2.0	< 2.5
	Pyrene (8270C SIM)	**0.035**	**0.021**	**0.014 J**	**0.0069 J**	**0.0053 J**	**0.032**	**0.025**	**0.088**	**0.086**	**0.10**
	Pyridine	< 1.0 *	< 0.99 *	< 1.0 F2 F1 *	< 0.99 *	< 1.0 *	< 1.0 *	< 0.99 *	< 2.5 *	< 2.0 *	< 2.5 *

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8270C/ 8270C SIM in mg/kg Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	Fluoranthene (8270C SIM)	< 0.10	**0.052 J**	< 0.020	**0.081 J**	**0.14 J**	**0.13 J**	**0.075 J**	**0.015 J**	**0.064 J**	**4.1 J**
	Fluorene	< 2.5	< 0.99	< 1.0	**11**	**10**	**13**	**17**	**6.5**	**11**	**320**
	Fluorene (8270C SIM)	< 0.10	**0.55**	< 0.020	**12**	**14**	**16**	**19**	**2.2**	**14**	**260**
	Hexachloro-1,3-butadiene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Hexachlorobenzene	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	< 2.5 *1	< 2.5 *1	< 200
	Hexachlorocyclopentadiene	< 7.5	< 3.0	< 3.0	< 7.5	< 6.0	< 7.4	< 15	< 7.4	< 7.4	< 610 *
	Hexachloroethane	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Indeno[1,2,3-cd]pyrene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Indeno[1,2,3-cd]pyrene (8270C SIM)	< 0.10	< 0.099	< 0.020	< 0.20	< 1.0	< 1.0	< 1.0	< 0.49	< 2.0	< 41
	Isophorone	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200 *
	Naphthalene	< 2.5	< 0.99	< 1.0	**9.1**	**9.0**	**8.6**	**25**	**23**	**40**	**120 J**
	Naphthalene (8270C SIM)	< 0.10	**0.015 J**	**0.0058 J**	**14**	**14**	**17**	**30**	**7.6**	**54**	**91 B**
	Nitrobenzene	< 10	< 4.0	< 4.0	< 10	< 7.9	< 9.9	< 20	< 9.9	< 9.9	< 820
	N-Nitrosodiethylamine	< 1.5	< 1.5	< 1.5	< 1.5	< 3.0	< 1.5	< 3.0	< 1.5	< 1.5	< 610 *
	N-Nitrosodimethylamine	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200 *1
	N-Nitrosodi-n-propylamine	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	N-Nitrosodiphenylamine	< 2.5 *1	< 0.99 *1	< 1.0 *1	< 2.5 *1	< 2.0 *1	< 2.5 *1	< 4.9 *1	**4.4 *1**	**5.9 *1**	< 200
	Pentachlorophenol	< 12	< 5.0	< 5.0	< 12	< 9.9	< 12	< 25	< 12	< 12	< 1000
	Phenanthrene	**2.4 J *1**	**0.60 J *1**	**0.14 J *1**	**16 *1**	**16 *1**	**19 *1**	**25 *1**	**9.0 *1**	**15 *1**	**530**
	Phenanthrene (8270C SIM)	**0.40**	**9.6**	**0.12**	**16**	**19**	**19**	**24**	**3.1**	**17**	**380**
	Phenol	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Pyrene	< 2.5	< 0.99	< 1.0	< 2.5	< 2.0	< 2.5	< 4.9	< 2.5	< 2.5	< 200
	Pyrene (8270C SIM)	**0.040 J**	**0.22**	**0.012 J**	**0.39**	**0.41 J**	**0.59**	**0.53**	**0.15**	**0.47**	**12 J**
	Pyridine	< 2.5 *	< 0.99 *	< 1.0 *	< 2.5 *	< 2.0 *	< 2.5 *	< 4.9 *	< 2.5 *	< 2.5 *	< 200 *

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/kg Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,1,1-Trichloroethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,1,2,2-Tetrachloroethane	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,1,2-Trichloro-1,2,2-trifluoroethane	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	1,1,2-Trichloroethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,1-Dichloroethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,1-Dichloroethene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,1-Dichloropropene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,2,3-Trichlorobenzene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,2,3-Trichloropropane	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,2,4-Trichlorobenzene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,2,4-Trimethylbenzene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,2-Dibromo-3-Chloropropane	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	1,2-Dibromoethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,2-Dichlorobenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,2-Dichloroethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,2-Dichloropropane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,3,5-Trimethylbenzene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	1,3-Butadiene	< 1.5 *	< 1.2 *	< 1.5 *	< 1.0 *	< 0.97 *	< 1.0 *	< 0.84 *	< 1.2 *	< 2.0 *	< 1.1 *
	1,3-Dichlorobenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,3-Dichloropropane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,4-Dichlorobenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	1,4-Dioxane	< 150	< 120	< 150	< 100	< 97	< 100	< 84	< 120	< 200	< 110
	2,2,4-Trimethylpentane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	2,2-Dichloropropane	< 7.3	< 6.2	< 7.5	< 5.2	< 4.8	< 5.2	< 4.2	< 6.2	< 9.8	< 5.3
	2-Butanone	**11 J**	< 25	**5.6 J**	< 21	**7.5 J**	**14 J**	**5.8 J**	**19 J**	**21 J**	**10 J**
	2-Chlorotoluene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	2-Hexanone	< 29	< 25	< 30	< 21	< 19	< 21	< 17	< 25	< 39	< 21
	2-Methyl-2-butanol (TAA)	< 73	< 62	< 75	< 52	< 48	< 52	< 42	< 62	< 98	< 53
	4-Chlorotoluene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	4-Methyl-2-pentanone	< 29	< 25	< 30	< 21	< 19	< 21	< 17	< 25	< 39	< 21
	Acetone	**110**	**53 J**	**67 J**	**44 J**	**59**	**120**	**70**	**130**	**150**	**99**
	Acetonitrile	< 150	< 120	< 150	< 100	< 97	< 100	< 84	< 120	< 200	< 110
	Acrolein	< 73 *	< 62 *	< 75 *	< 52 *	< 48 *	< 52 *	< 42 *	< 62 *	< 98 *	< 53 *

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/kg Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,1,1-Trichloroethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,1,2,2-Tetrachloroethane	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	1,1,2-Trichloro-1,2,2-trifluoroethane	< 9.9	< 11 *	< 7.9 *	< 420 *	< 410 *	< 440 *	< 450 *	< 570 *	< 750 *	< 8700
	1,1,2-Trichloroethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,1-Dichloroethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,1-Dichloroethene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,1-Dichloropropene	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	1,2,3-Trichlorobenzene	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	1,2,3-Trichloropropane	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	1,2,4-Trichlorobenzene	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	1,2,4-Trimethylbenzene	< 2.0	< 2.1	< 1.6	**790**	**260**	**470**	**6700**	**7400**	**15000**	**6700**
	1,2-Dibromo-3-Chloropropane	< 9.9	< 11	< 7.9	< 420	< 410	< 440	< 450	< 570	< 750	< 8700
	1,2-Dibromoethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,2-Dichlorobenzene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,2-Dichloroethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,2-Dichloropropane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,3,5-Trimethylbenzene	< 2.0	< 2.1	< 1.6	**360**	**210**	**410**	**3900**	**5000**	**8100**	**2700**
	1,3-Butadiene	< 0.99 *	< 1.1 *	< 0.79 *	< 42 *	< 41 *	< 44 *	< 45 *	< 57 *	< 75 *	< 870 *
	1,3-Dichlorobenzene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,3-Dichloropropane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,4-Dichlorobenzene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	1,4-Dioxane	< 99	< 110	< 79	< 4200	< 4100	< 4400	< 4500	< 5700	< 7500	< 87000
	2,2,4-Trimethylpentane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	2,2-Dichloropropane	< 4.9	< 5.3	< 4.0	< 210	< 200	< 220	< 220	< 280	< 380	< 4400
	2-Butanone	**6.7 J**	**14 J**	**3.8 J**	**200 J**	**170 J**	**190 J**	< 890	**250 J**	**330 J**	< 17000
	2-Chlorotoluene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	2-Hexanone	< 20	< 21	< 16	< 850	< 820	< 870	< 890	< 1100	< 1500	< 17000
	2-Methyl-2-butanol (TAA)	< 49	< 53	< 40	< 2100	< 2000	< 2200	< 2200	< 2800	< 3800	< 44000
	4-Chlorotoluene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	4-Methyl-2-pentanone	< 20	< 21	< 16	< 850	< 820	< 870	< 890	< 1100	< 1500	< 17000
	Acetone	**55**	**99**	**36 J**	< 2100	< 2000	< 2200	< 2200	< 2800	< 3800	< 44000
	Acetonitrile	< 99	< 110	< 79	< 4200	< 4100	< 4400	< 4500	< 5700	< 7500	< 87000
	Acrolein	< 49 *	< 53	< 40	< 2100	< 2000	< 2200	< 2200	< 2800	< 3800	< 44000

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/kg Volatile Organic Compounds	Acrylonitrile	< 150	< 120	< 150	< 100	< 97	< 100	< 84	< 120	< 200	< 110
	Benzene	**0.45 J**	**0.62 J**	**0.74 J**	**1.4**	**0.31 J**	**0.50 J**	**0.29 J**	**0.51 J**	**0.71 J**	**0.46 J**
	Bromobenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Bromochloromethane	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Bromodichloromethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Bromoform	< 7.3	< 6.2	< 7.5	< 5.2	< 4.8	< 5.2	< 4.2	< 6.2	< 9.8	< 5.3
	Bromomethane	< 29	< 25	< 30	< 21	< 19	< 21	< 17	< 25	< 39	< 21
	Carbon disulfide	< 15	< 12	< 15	**1.5 J**	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	Carbon tetrachloride	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Chlorobenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Chloroethane	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Chloroform	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Chloromethane	< 29	< 25	< 30	< 21	**0.44 J**	**1.0 J**	**0.29 J**	**1.4 J**	**0.86 J**	**0.82 J**
	cis-1,2-Dichloroethene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	cis-1,3-Dichloropropene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Cyclohexane	< 73	< 62	< 75	< 52	< 48	< 52	< 42	< 62	< 98	< 53
	Dibromochloromethane	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Dibromomethane	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Dichlorodifluoromethane	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Diethyl ether	< 29	< 25	< 30	< 21	< 19	< 21	< 17	< 25	< 39	< 21
	Di-isopropyl ether (DIPE)	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Ethanol	< 730	< 620	< 750	< 520	< 480	< 520	< 420	< 620	< 980	< 530
	Ethylbenzene	**0.70 J**	**1.2**	**0.94 J**	**1.0**	**0.24 J**	**0.45 J**	**0.25 J**	**0.37 J**	**0.56 J**	**0.30 J**
	Ethyl-t-butyl ether (ETBE)	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Hexachloro-1,3-butadiene	< 7.3	< 6.2	< 7.5	< 5.2	< 4.8	< 5.2	< 4.2	< 6.2	< 9.8	< 5.3
	Hexane	**1.0 J**	**1.4 J**	**1.1 J**	**2.0 J**	< 4.8	**0.43 J**	**0.32 J**	< 6.2	< 9.8	< 5.3
	Iodomethane	< 73	< 62	< 75	< 52	< 48	< 52	< 42	< 62	< 98	< 53
	Isobutyl alcohol	< 73	< 62	< 75	< 52	< 48	< 52	< 42	< 62	< 98	< 53
	Isopropanol	**53 J**	**150**	**85 J**	< 100	< 97	**44 J**	**51 J**	**47 J**	**200**	**42 J**
	Isopropylbenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	m,p-Xylene	< 2.9	< 2.5	**0.41 J**	**0.61 J**	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Methylene Chloride	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	Methyl-t-Butyl Ether (MTBE)	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Naphthalene	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/kg Volatile Organic Compounds	Acrylonitrile	< 99	< 110	< 79	< 4200	< 4100	< 4400	< 4500	< 5700	< 7500	< 87000
	Benzene	**0.40 J**	**0.23 J**	**0.33 J**	< 42	< 41	< 44	< 45	**200**	**290**	**1300**
	Bromobenzene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Bromochloromethane	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	Bromodichloromethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Bromoform	< 4.9	< 5.3	< 4.0	< 210	< 200	< 220	< 220	< 280	< 380	< 4400
	Bromomethane	< 20	< 21	< 16	< 850	< 820	< 870	< 890	< 1100	< 1500	< 17000
	Carbon disulfide	< 9.9	< 11	< 7.9	< 420	< 410	< 440	< 450	< 570	< 750	< 8700
	Carbon tetrachloride	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Chlorobenzene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Chloroethane	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	Chloroform	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Chloromethane	< 20	**0.57 J**	**0.30 J**	**14 J B**	< 820	< 870	< 890	< 1100	< 1500	< 17000
	cis-1,2-Dichloroethene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	cis-1,3-Dichloropropene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Cyclohexane	< 49	< 53 *	< 40 *	< 2100 *	< 2000 *	< 2200 *	**440 J ***	**800 J ***	**1000 J ***	**3500 J**
	Dibromochloromethane	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	Dibromomethane	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Dichlorodifluoromethane	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	Diethyl ether	< 20	< 21	< 16	< 850	< 820	< 870	< 890	< 1100	< 1500	< 17000
	Di-isopropyl ether (DIPE)	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Ethanol	< 490	< 530	< 400	< 21000	< 20000	< 22000	< 22000	< 28000	< 38000	< 440000
	Ethylbenzene	**0.28 J**	< 1.1	**0.26 J**	**65**	**65**	**120**	**770**	**1600**	**2200**	**1400**
	Ethyl-t-butyl ether (ETBE)	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Hexachloro-1,3-butadiene	< 4.9	< 5.3	< 4.0	< 210	< 200	< 220	< 220	< 280	< 380	< 4400
	Hexane	< 4.9	< 5.3 *	< 4.0 *	**24 J ***	**52 J ***	< 220 *	**45 J ***	**160 J ***	**370 J ***	**970 J**
	Iodomethane	< 49	< 53 *	< 40 *	< 2100 *	< 2000 *	< 2200 *	< 2200 *	< 2800 *	< 3800 *	< 44000
	Isobutyl alcohol	< 49	< 53	< 40	< 2100	< 2000	< 2200	< 2200	< 2800	< 3800	< 44000
	Isopropanol	**140**	**91 J**	**34 J**	< 4200	< 4100	< 4400	< 4500	< 5700	< 7500	< 87000
	Isopropylbenzene	< 0.99	< 1.1	< 0.79	**100**	**110**	**110**	**410**	**640**	**910**	< 870
	m,p-Xylene	< 2.0	< 2.1	< 1.6	**34 J**	< 82	**49 J**	**1400**	**2800**	**4600**	**9200**
	Methylene Chloride	< 9.9	< 11	< 7.9	< 420	< 410	< 440	< 450	< 570	< 750	< 8700
	Methyl-t-Butyl Ether (MTBE)	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	Naphthalene	< 9.9	< 11	< 7.9	**16000**	**13000**	**8300**	**33000**	**31000**	**63000**	**42000**

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		**PT1419-1-0.5**	**PT1419-2-1.5**	**PT1419-2-1.5D**	**PT1419-3-3.0**	**SF1604-1-0.5**	**SF1604-2-1.5**	**SF1604-3-3.0**	**SF1515-1-0.5**	**SF1515-2-1.5**	**SF1515-3-3.0**
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/4/2020**	**8/5/2020**	**8/5/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8260B in µg/kg Volatile Organic Compounds	n-Butylbenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	**2.7**	< 2.0	< 1.1
	N-Propylbenzene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	o-Xylene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	p-Isopropyltoluene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	**1.0 J**	< 2.0	< 1.1
	sec-Butylbenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Styrene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Tert-amyl-methyl ether (TAME)	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	tert-Butyl alcohol (TBA)	< 29	< 25	< 30	< 21	< 19	**5.6 J**	**5.4 J**	< 25	**13 J**	< 21
	tert-Butylbenzene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Tetrachloroethene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Tetrahydrofuran	< 29	< 25	< 30	< 21	< 19	< 21	< 17	< 25	< 39	< 21
	Thiophene	< 7.3	< 6.2	< 7.5	< 5.2	< 4.8	< 5.2	< 4.2	< 6.2	< 9.8	< 5.3
	Toluene	**1.1 J**	**1.4**	**1.4 J**	**1.9**	< 0.97	**0.75 J**	< 0.84	< 1.2	< 2.0	**0.60 J**
	trans-1,2-Dichloroethene	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	trans-1,3-Dichloropropene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	trans-1,4-Dichloro-2-butene	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	Trichloroethene	< 2.9	< 2.5	< 3.0	< 2.1	< 1.9	< 2.1	< 1.7	< 2.5	< 3.9	< 2.1
	Trichlorofluoromethane	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	Vinyl acetate	< 15	< 12	< 15	< 10	< 9.7	< 10	< 8.4	< 12	< 20	< 11
	Vinyl chloride	< 1.5	< 1.2	< 1.5	< 1.0	< 0.97	< 1.0	< 0.84	< 1.2	< 2.0	< 1.1
	Xylenes, Total	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/kg Volatile Organic Compounds	n-Butylbenzene	< 0.99	< 1.1	< 0.79	**700**	**500**	**390**	**1100**	**1000**	**2100**	**1000**
	N-Propylbenzene	< 2.0	< 2.1	< 1.6	**350**	**440**	**420**	**1000**	**1600**	**2300**	**740 J**
	o-Xylene	< 0.99	< 1.1	< 0.79	< 42	**24 J**	< 44	**61**	**680**	**4500**	**3000**
	p-Isopropyltoluene	< 0.99	< 1.1	< 0.79	**440**	**230**	**370**	**810**	**770**	**1500**	**580 J**
	sec-Butylbenzene	< 0.99	< 1.1	< 0.79	**230**	**160**	**160**	**380**	**380**	**710**	< 870
	Styrene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Tert-amyl-methyl ether (TAME)	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	tert-Butyl alcohol (TBA)	**6.9 J**	**7.2 J**	< 16	< 850	< 820	< 870	< 890	< 1100	< 1500	< 17000
	tert-Butylbenzene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Tetrachloroethene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Tetrahydrofuran	< 20	< 21	< 16	< 850	< 820	< 870	< 890	< 1100	< 1500	< 17000
	Thiophene	< 4.9	< 5.3	< 4.0	< 210	< 200	< 220	< 220	< 280	< 380	< 4400
	Toluene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	**50 J**	**5900**
	trans-1,2-Dichloroethene	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	trans-1,3-Dichloropropene	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	< 1700
	trans-1,4-Dichloro-2-butene	< 9.9	< 11	< 7.9	< 420	< 410	< 440	< 450	< 570	< 750	< 8700
	Trichloroethene	< 2.0	< 2.1	< 1.6	< 85	< 82	< 87	< 89	< 110	< 150	**260 J**
	Trichlorofluoromethane	< 9.9	< 11	< 7.9	< 420	< 410	< 440	< 450	< 570	< 750	< 8700
	Vinyl acetate	< 9.9	< 11	< 7.9	< 420	< 410	< 440	< 450	< 570	< 750	< 8700
	Vinyl chloride	< 0.99	< 1.1	< 0.79	< 42	< 41	< 44	< 45	< 57	< 75	< 870
	Xylenes, Total	--	--	--	< 130	< 120	**49 J**	**1500**	**3500**	**9100**	**12000**

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT1419-1-0.5	PT1419-2-1.5	PT1419-2-1.5D	PT1419-3-3.0	SF1604-1-0.5	SF1604-2-1.5	SF1604-3-3.0	SF1515-1-0.5	SF1515-2-1.5	SF1515-3-3.0
Media		Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil V-Ditch	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25	Soil SS-25
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/5/2020	8/4/2020	8/4/2020
EPA METHOD 8082 µg/kg Polychlorinated Biphenyls	Aroclor-1016	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1221	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1232	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1242	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1248	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1254	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1260	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1262	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Aroclor-1268	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
EPA METHOD 300.0 mg/kg	Chloride	--	--	--	--	--	--	--	--	--	--
EPA METHOD 8315A mg/kg	Acetaldehyde	--	--	--	--	--	--	--	--	--	--
	Chloracetaldehyde	--	--	--	--	--	--	--	--	--	--
	Formaldehyde	--	--	--	--	--	--	--	--	--	--
	Glutaraldehyde	--	--	--	--	--	--	--	--	--	--
EPA METHOD 9045C S.U.	pH	--	--	--	--	--	--	--	--	--	--
METHOD SM 2320B mg/kg	Alkalinity as CaCO3	--	--	--	--	--	--	--	--	--	--
	Bicarbonate Alkalinity as CaCO3	--	--	--	--	--	--	--	--	--	--
	Carbonate Alkalinity as CaCO3	--	--	--	--	--	--	--	--	--	--
	Hydroxide Alkalinity as CaCO3	--	--	--	--	--	--	--	--	--	--

TABLE 1 - SUMMARY OF EUROFINS LABORATORY ANALYTICAL RESULTS, SOLIDS
ALISO CANYON SS-25 PROJECT

Sample number		PT3138-1-0.5	PT3138-2-1.5	PT3138-3-3.0	SF1530-1-0.5	SF1530-1-0.5D	SF1530-2-1.5	SF1530-3-3.0	VB27599-1-S	V881-1-S	CT814
Media		Soil SS-25	Soil SS-25	Soil SS-25	Sludge	Sludge	Sludge	Sludge	Sludge	Sludge	Oil/Product
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/5/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8082 µg/kg Polychlorinated Biphenyls	Aroclor-1016	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1221	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1232	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1242	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1248	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1254	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1260	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1262	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
	Aroclor-1268	< 49	< 49	< 50	< 49	< 50	< 50	< 50	< 49	< 50	< 1800
EPA METHOD 300.0 mg/kg	Chloride	--	--	--	**2100**	**2000**	**2100**	**4000**	**4400**	**6400**	--
EPA METHOD 8315A mg/kg	Acetaldehyde	--	--	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--
	Chloracetaldehyde	--	--	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--
	Formaldehyde	--	--	--	**1.6**	**1.8**	**2.0**	**4.0**	**9.1**	**12**	--
	Glutaraldehyde	--	--	--	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	--
EPA METHOD 9045C S.U.	pH		--	--	**7.2**	**7.3**	**7.3**	**7.3**	**7.4**	**7**	--
METHOD SM 2320B mg/kg	Alkalinity as CaCO3	--	--	--	**6970**	**7020**	**5940**	**6900**	**5970**	**5950**	--
	Bicarbonate Alkalinity as CaCO3	--	--	--	**6970**	**7020**	**5940**	**6900**	**5970**	**5950**	--
	Carbonate Alkalinity as CaCO3	--	--	--	< 498	< 494	< 495	< 493	< 498	< 496	--
	Hydroxide Alkalinity as CaCO3	--	--	--	< 498	< 494	< 495	< 493	< 498	< 496	--

NOTES:

-- = Not analyzed
T = Result is a tentatively identified compound (TIC) and an estimated value
* = Lab control sample (LCS or LCSD) is outside acceptance limits
B = Compund was found in the blank and sample
J = Result is less than the RL but greater than or equal to the MDL. Concentration is an approximate value.
me = Lab control sample recovery is within Marginal Exceedance control limit range
*1 = Lab control sample exceeds control limits
F1 = MS and/or MSD recovery exceeds control limits
F2 = MS/MSD RPD exceeds control limits
X = Surrogate recovery exceeds control limits
^ = Instrument related QC is outside acceptance limits
L = A negative instrument reading had an aboslute value greater than the reporting limit
Z = The chromatographic response does not resemble a typical fuel pattern
µg/kg = Micrograms per kilogram
mg/kg = Milligrams per kilogram
µg/L = Microgram per liter

TABLE 2 - CRYSTALLINE SILICA ANALYSIS OF BULK MATERIAL

ALISO CANYON SS-25 PROJECT

Performed X-Ray Diffraction (XRD) Method Modified OSHA ID-142

Modified NIOSH Method 7500

Sample ID	Description	α-Quartz (wt%)	Cristobalite (wt%)	Tridymite (wt%)
SF1530-1-0.5	Solid	19.3	4.8	<0.1
SF1530-1-0.5D	Solid	22.9	4.8	<0.1
SF1530-2-1.5	Solid	22.3	5.1	<0.1
SF1530-3-3.0	Solid	18.6	4.9	<0.1
VB27599-1-S	Solid	15.8	7.1	<0.1
V881-1-S	Solid	21.6	5.7	<0.1

Notes:

1. Reporting limit (Quartz, Cristobalite, Tridymite) = 0.1 wt%
2. Samples dried at 105°C before analysis. Reported percentages calculated based on the dry weight of the samples.
3. Cristobalite may be overestimated due to interference.

TABLE 3 - Po-210 AND Pb-210 ISOTOPE ANALYTICAL RESULTS

ALISO CANYON SS-25 PROJECT

Po-210 by Method A-01-R - Isotopic Polonium (Alpha Spectrometry)

Pb-210 by Method GA-01-R - Radium-226 Other Gamma Emitters (GS)

Sample ID	Polonium-210 (pCi/g)	Lead-210 (pCi/g)
SF1530-1-0.5	**1.49**	0.504 U
SF1530-1-0.5D	**1.87**	1.21 U
SF1530-2-1.5	**2.82**	0.865 U
SF1530-3-3.0	**2.86**	2.48
VB27599-1-S	**1.99**	2.38
V881-1-S	**1.60**	1.73

Notes:

Po-210 = Polonium-210 isotope

Pb-210 = Lead-210 isotope

pCi/g = Picocuries per gram

MDC = Minimum Detectable Concentration

RL = Reporting Limit

Bold = Result is greater than the RL

U = Result is less than the sample detection limit or MDC

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 6010B/7471A/7199 in mg/L Title 22 Metals, Expanded Metals List, Hexavalent Chromium, and Sulfur	Aluminum	< 0.500 L	< 0.500 L	< 0.500 L
	Antimony	**0.245**	**0.237**	**0.206**
	Arsenic	< 0.100 L	< 0.100 L	< 0.100 L
	Barium	**5.79**	**5.88**	**5.87**
	Beryllium	< 0.0100	< 0.0100	< 0.0100
	Boron	**1.93**	**1.99**	**1.97**
	Cadmium	< 0.0100	< 0.0100	< 0.0100
	Calcium	**7300**	**7500**	**7330**
	Chromium	< 0.0500	< 0.0500	< 0.0500
	Chromium, hexavalent	**5.3**	**2.6**	**2.6**
	Cobalt	< 0.0500	< 0.0500	< 0.0500
	Copper	< 0.0500	< 0.0500	< 0.0500
	Iron	**0.597**	**0.852**	**0.703**
	Lead	< 0.0500	< 0.0500	< 0.0500
	Magnesium	**217**	**220**	**218**
	Manganese	**13.0**	**13.2**	**13.1**
	Mercury	< 0.000500	< 0.000500	< 0.000500
	Molybdenum	< 0.0500	< 0.0500	< 0.0500
	Nickel	< 0.0500	< 0.0500	< 0.0500
	Phosphorus	< 0.250	< 0.250	< 0.250
	Potassium	**1640**	**1680**	**1630**
	Selenium	< 0.100	< 0.100	< 0.100
	Silicon	**10.5**	**10.8**	**10.7**
	Silver	< 0.0100	< 0.0100	< 0.0100
	Sodium	**814**	**826**	**810**
	Strontium	< 0.0100	< 0.0100	< 0.0100
	Sulfur	**34.1**	**35.0**	**33.9**
	Thallium	< 0.0500	< 0.0500	< 0.0500
	Titanium	< 0.0500 L	< 0.0500 L	< 0.0500 L
	Vanadium	< 0.0100	< 0.0100	< 0.0100
	Zinc	< 0.250	< 0.250	< 0.250

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8015B in mg/L Total Petroleum Hydrocarbons-Carbon Chain (C6-C44) 5035/8015B Gasoline Range Organics	C6	< 49	< 48	< 49
	C7	< 49	< 48	< 49
	C8	< 49	< 48	< 49
	C9-C10	< 49	< 48	< 49
	C11-C12	**38 J**	**83**	**84**
	C13-C14	**94**	**130**	**130**
	C15-C16	**160**	**200**	**190**
	C17-C18	**130**	**170**	**150**
	C19-C20	**92**	**150**	**110**
	C21-C22	**63**	**180**	**92**
	C23-C24	**110**	**500**	**200**
	C25-C28	**320**	**1500**	**620**
	C29-C32	**280**	**1200**	**530**
	C33-C36	**130**	**570**	**250**
	C37-C40	**42 J**	**190**	**70**
	C41-C44	**19 J**	**88**	< 49
	C6-C44 Total	**1500**	**5000**	**2400**
	Diesel Range Organics (C10-C28)	**1000**	**2900**	**1600**
	TPH as Motor Oil (C29-C44)	**470**	**2100**	**870**
	Gas Range Organics (C4-C12)	< 50	< 50	**97 Z**

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8270C/ 8270C SIM in µg/L Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	1,2,4-Trichlorobenzene	< 9.4	< 9.3	< 9.4
	1,2-Dichlorobenzene	< 9.4	< 9.3	< 9.4
	1,2-Diphenylhydrazine	< 9.4	< 9.3	< 9.4
	1,3-Dichlorobenzene	< 9.4	< 9.3	< 9.4
	1,4-Dichlorobenzene	< 9.4	< 9.3	< 9.4
	1-Methylnaphthalene	< 9.4	< 9.3	< 9.4
	1-Methylnaphthalene (8270C SIM)	< 0.19	< 0.19	**0.44**
	2,4,5-Trichlorophenol	< 9.4	< 9.3	< 9.4
	2,4,6-Trichlorophenol	< 9.4	< 9.3	< 9.4
	2,4-Dichlorophenol	< 9.4	< 9.3	< 9.4
	2,4-Dimethylphenol	< 9.4	< 9.3	< 9.4
	2,4-Dinitrophenol	< 47	< 47	< 47
	2,4-Dinitrotoluene	< 9.4	< 9.3	< 9.4
	2,6-Dichlorophenol	< 9.4	< 9.3	< 9.4
	2,6-Dinitrotoluene	< 9.4	< 9.3	< 9.4
	2-Chloronaphthalene	< 9.4	< 9.3	< 9.4
	2-Chlorophenol	< 9.4	< 9.3	< 9.4
	2-Methylnaphthalene	< 9.4	< 9.3	< 9.4
	2-Methylnaphthalene (8270C SIM)	< 0.19	< 0.19	**0.94**
	2-Methylphenol	< 9.4	< 9.3	< 9.4
	2-Nitroaniline	< 9.4	< 9.3	< 9.4
	2-Nitrophenol	< 9.4	< 9.3	< 9.4
	3 & 4 Methylphenol	< 9.4	< 9.3	< 9.4
	3,3'-Dichlorobenzidine	< 24	< 23	< 23
	3-Nitroaniline	< 9.4	< 9.3	< 9.4
	4,6-Dinitro-2-methylphenol	< 47	< 47	< 47
	4-Bromophenyl phenyl ether	< 9.4	< 9.3	< 9.4
	4-Chloro-3-methylphenol	< 9.4	< 9.3	< 9.4
	4-Chloroaniline	< 9.4	< 9.3	< 9.4
	4-Chlorophenyl phenyl ether	< 9.4	< 9.3	< 9.4
	4-Nitroaniline	< 9.4	< 9.3	< 9.4
	4-Nitrophenol	< 9.4	< 9.3	< 9.4
	Acenaphthene	< 9.4	< 9.3	< 9.4
	Acenaphthene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Acenaphthylene	< 9.4	< 9.3	< 9.4
	Acenaphthylene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Aniline	< 9.4	< 9.3	< 9.4
	Anthracene	< 9.4	< 9.3	< 9.4

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8270C/ 8270C SIM in µg/L Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	Anthracene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Azobenzene	< 9.4	< 9.3	< 9.4
	Benzidine	< 47	< 47	< 47
	Benzo[a]anthracene	< 9.4	< 9.3	< 9.4
	Benzo[a]anthracene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Benzo[a]pyrene	< 9.4	< 9.3	< 9.4
	Benzo[a]pyrene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Benzo[b]fluoranthene	< 9.4	< 9.3	< 9.4
	Benzo[b]fluoranthene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Benzo[g,h,i]perylene	< 9.4	< 9.3	< 9.4
	Benzo[g,h,i]perylene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Benzo[k]fluoranthene	< 9.4	< 9.3	< 9.4
	Benzo[k]fluoranthene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Benzoic acid	< 47	< 47	**13 J**
	Benzyl alcohol	< 9.4	< 9.3	< 9.4
	bis (2-Chloroisopropyl) ether	< 9.4	< 9.3	< 9.4
	Bis(2-chloroethoxy)methane	< 9.4	< 9.3	< 9.4
	Bis(2-chloroethyl)ether	< 24	< 23	< 23
	Bis(2-ethylhexyl) phthalate	< 9.4	**3.2 J**	< 9.4
	Butyl benzyl phthalate	< 9.4	< 9.3	< 9.4
	Chrysene	< 9.4	< 9.3	< 9.4
	Chrysene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Dibenz(a,h)anthracene	< 9.4	< 9.3	< 9.4
	Dibenz(a,h)anthracene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Dibenzofuran	< 9.4	< 9.3	< 9.4
	Diethyl phthalate	< 9.4	< 9.3	< 9.4
	Dimethyl phthalate	< 9.4	< 9.3	< 9.4
	Di-n-butyl phthalate	< 9.4	< 9.3	< 9.4
	Di-n-octyl phthalate	< 9.4	< 9.3	< 9.4
	Fluoranthene	< 9.4	< 9.3	< 9.4
	Fluoranthene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Fluorene	< 9.4	< 9.3	< 9.4
	Fluorene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Hexachloro-1,3-butadiene	< 9.4 *	< 9.3 *	< 9.4 *
	Hexachlorobenzene	< 9.4	< 9.3	< 9.4
	Hexachlorocyclopentadiene	< 24 *	< 23 *	< 23 *
	Hexachloroethane	< 9.4	< 9.3	< 9.4
	Indeno[1,2,3-cd]pyrene	< 9.4	< 9.3	< 9.4

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8270C/ 8270C SIM in µg/L Semi-Volatile Organic Compounds/Polyaromatic Hydrocarbons	Indeno[1,2,3-cd]pyrene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Isophorone	< 9.4	< 9.3	< 9.4
	Naphthalene	< 9.4	< 9.3	< 9.4
	Naphthalene (8270C SIM)	< 0.19	< 0.19	**0.54**
	Nitrobenzene	< 24	< 23	< 23
	N-Nitrosodiethylamine	< 9.4	< 9.3	< 9.4
	N-Nitrosodimethylamine	< 9.4 *1	< 9.3 *1	< 9.4 *1
	N-Nitrosodi-n-propylamine	< 9.4	< 9.3	< 9.4
	N-Nitrosodiphenylamine	< 9.4 *	< 9.3 *	< 9.4 *
	Pentachlorophenol	< 9.4	< 9.3	< 9.4
	Phenanthrene	< 9.4	< 9.3	< 9.4
	Phenanthrene (8270C SIM)	< 0.19	< 0.19	**0.20**
	Phenol	< 9.4	< 9.3	< 9.4
	Pyrene	< 9.4	< 9.3	< 9.4
	Pyrene (8270C SIM)	< 0.19	< 0.19	< 0.19
	Pyridine	< 9.4 *1	< 9.3 *1	< 9.4 *1

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8260B in µg/L Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	< 2.0	< 2.0	< 2.0
	1,1,1-Trichloroethane	< 1.0	< 1.0	< 1.0
	1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0
	1,1,2-Trichloro-1,2,2-trifluoroethane	< 10	< 10	< 10
	1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0
	1,1-Dichloroethane	< 1.0	< 1.0	< 1.0
	1,1-Dichloroethene	< 1.0	< 1.0	< 1.0
	1,1-Dichloropropene	< 1.0	< 1.0	< 1.0
	1,2,3-Trichlorobenzene	< 1.0	< 1.0	< 1.0
	1,2,3-Trichloropropane	< 5.0	< 5.0	< 5.0
	1,2,4-Trichlorobenzene	< 1.0	< 1.0	< 1.0
	1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 1.0
	1,2-Dibromo-3-Chloropropane	< 10	< 10	< 10
	1,2-Dibromoethane	< 1.0	< 1.0	< 1.0
	1,2-Dichlorobenzene	< 1.0	< 1.0	< 1.0
	1,2-Dichloroethane	< 0.50	< 0.50	< 0.50
	1,2-Dichloropropane	< 1.0	< 1.0	< 1.0
	1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 1.0
	1,3-Butadiene	< 25	< 25	< 25
	1,3-Dichlorobenzene	< 1.0	< 1.0	< 1.0
	1,3-Dichloropropane	< 1.0	< 1.0	< 1.0
	1,4-Dichlorobenzene	< 1.0	< 1.0	< 1.0
	1,4-Dioxane	< 100	< 100	< 100
	2,2,4-Trimethylpentane	< 10	< 10	< 10
	2,2-Dichloropropane	< 1.0	< 1.0	< 1.0
	2-Butanone	< 20	< 20	< 20
	2-Chloroethyl vinyl ether	< 50	< 50	< 50
	2-Chlorotoluene	< 1.0	< 1.0	< 1.0
	2-Hexanone	< 10	< 10	< 10
	2-Methyl-2-butanol (TAA)	< 50 *	< 50	< 50
	4-Chlorotoluene	< 1.0	< 1.0	< 1.0
	4-Methyl-2-pentanone	< 10	< 10	< 10
	Acetone	< 20	< 20	< 20
	Acetonitrile	< 50	< 50	< 50
	Acrolein	< 50	< 50	< 50
	Acrylonitrile	< 20	< 20	< 20
	Benzene	< 0.50	< 0.50	< 0.50
	Bromobenzene	< 1.0	< 1.0	< 1.0

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8260B in µg/L Volatile Organic Compounds	Bromochloromethane	< 2.0	< 2.0	< 2.0
	Bromodichloromethane	< 1.0	< 1.0	< 1.0
	Bromoform	< 5.0	< 5.0	< 5.0
	Bromomethane	< 50	< 50	< 50
	Carbon disulfide	< 10	< 10	< 10
	Carbon tetrachloride	< 0.50	< 0.50	< 0.50
	Chlorobenzene	< 1.0	< 1.0	< 1.0
	Chloroethane	< 5.0	< 5.0	< 5.0
	Chloroform	< 1.0	< 1.0	< 1.0
	Chloromethane	< 10	< 10	< 10
	cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0
	cis-1,3-Dichloropropene	< 0.50	< 0.50	< 0.50
	Cyclohexane	< 10	< 10	< 10
	Dibromochloromethane	< 2.0	< 2.0	< 2.0
	Dibromomethane	< 1.0	< 1.0	< 1.0
	Dichlorodifluoromethane	< 5.0	< 5.0	< 5.0
	Diethyl ether	< 10	< 10	< 10
	Di-isopropyl ether (DIPE)	< 2.0	< 2.0	< 2.0
	Ethanol	< 100	< 100	< 100
	Ethylbenzene	< 1.0	< 1.0	< 1.0
	Ethyl-t-butyl ether (ETBE)	< 2.0	< 2.0	< 2.0
	Hexachloro-1,3-butadiene	< 20	< 20	< 20
	Hexane	< 5.0	< 5.0	< 5.0
	Iodomethane	< 50	< 50	< 50
	Isobutyl alcohol	< 50 *	< 50	< 50
	Isopropanol	< 200	< 200	< 200
	Isopropylbenzene	< 1.0	< 1.0	< 1.0
	m,p-Xylene	< 2.0	< 2.0	< 2.0
	Methylene Chloride	< 10	< 10	< 10
	Methyl-t-Butyl Ether (MTBE)	< 1.0	< 1.0	< 1.0
	Naphthalene	< 10	< 10	< 10
	n-Butylbenzene	< 1.0	< 1.0	< 1.0
	N-Propylbenzene	< 1.0	< 1.0	< 1.0
	o-Xylene	< 1.0	< 1.0	< 1.0
	p-Isopropyltoluene	< 1.0	< 1.0	< 1.0
	sec-Butylbenzene	< 1.0	< 1.0	< 1.0
	Styrene	< 1.0	< 1.0	< 1.0
	Tert-amyl-methyl ether (TAME)	< 2.0	< 2.0	< 2.0

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		**TK130-1**	**TK130-2**	**TK130-3**
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		**8/4/2020**	**8/4/2020**	**8/4/2020**
EPA METHOD 8260B in µg/L Volatile Organic Compounds	tert-Butyl alcohol (TBA)	< 10	< 10	< 10
	tert-Butylbenzene	< 1.0	< 1.0	< 1.0
	Tetrachloroethene	< 1.0	< 1.0	< 1.0
	Tetrahydrofuran	< 20	< 20	< 20
	Thiophene	< 10	< 10	< 10
	Toluene	< 1.0	< 1.0	< 1.0
	trans-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0
	trans-1,3-Dichloropropene	< 0.50	< 0.50	< 0.50
	trans-1,4-Dichloro-2-butene	< 20	< 20	< 20
	Trichloroethene	< 1.0	< 1.0	< 1.0
	Trichlorofluoromethane	< 10	< 10	< 10
	Vinyl acetate	< 10	< 10	< 10
	Vinyl chloride	< 0.50	< 0.50	< 0.50
	Xylenes, Total	< 3.0	< 3.0	< 3.0

TABLE 4 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, WELL CONTROL FLUIDS
ALISO CANYON SS-25 PROJECT

Sample number		TK130-1	TK130-2	TK130-3
Media		Well Control Fluids	Well Control Fluids	Well Control Fluids
Date Sampled		8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8082 µg/L Polychlorinated Biphenyls	Aroclor-1016	< 0.47	< 0.47	< 0.47
	Aroclor-1221	< 0.47	< 0.47	< 0.47
	Aroclor-1232	< 0.47	< 0.47	< 0.47
	Aroclor-1242	< 0.47	< 0.47	< 0.47
	Aroclor-1248	< 0.47	< 0.47	< 0.47
	Aroclor-1254	< 0.47	< 0.47	< 0.47
	Aroclor-1260	< 0.47	< 0.47	< 0.47
	Aroclor-1262	< 0.47	< 0.47	< 0.47
	Aroclor-1268	< 0.47	< 0.47	< 0.47
EPA METHOD 300.0 mg/L Chloride	Chloride	**18000**	**25000**	**19000**
EPA METHOD LACSD 258 mg/L Mercaptans	Mercaptans	< 0.200	< 0.200	< 0.200
EPA METHOD 8315A mg/L Aldehydes	Acetaldehyde	< 0.010	< 0.010	< 0.010
	Chloracetaldehyde	< 0.010	< 0.010	< 0.010
	Formaldehyde	< 0.010	< 0.010	< 0.010
	Glutaraldehyde	< 0.010	< 0.010	< 0.010

Notes:

-- = Not analyzed
T = Result is a tentatively identified compound (TIC) and an estimated value.
* = Lab control sample is outside acceptance limits
B = Compund was found in the blank and sample
J = Result is less than the RL but greater than or equal to the MDL.
me = Lab control sample recovery is within Marginal Exceedance control limit range.
*1 = Lab control sample exceeds control limits
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits.
X = Surrogate recovery exceeds control limits.
^ = Instrument related QC is outside acceptance limits.
L = Instrument related QC is outside acceptance limits.
Z = The chromatographic response does not resemble a typical fuel pattern.
µg/L = Micrograms per liter
mg/L = Milligrams per liter

TABLE 5 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, EQUIPMENT AND TRIP BLANKS
ALISO CANYON SS-25 PROJECT

Sample number		EB	TB-1	TB-2	TB-3	TB-4	TB-5	TB-6
Media		Equipment Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 6010B/7471A/7199 in mg/L Title 22 Metals, Expanded Metals List, Hexavalent Chromium, and Sulfur	Aluminum	< 0.500	--	--	--	--	--	--
	Antimony	< 0.100	--	--	--	--	--	--
	Arsenic	< 0.100	--	--	--	--	--	--
	Barium	< 0.0100	--	--	--	--	--	--
	Beryllium	< 0.0100	--	--	--	--	--	--
	Boron	< 0.500	--	--	--	--	--	--
	Cadmium	< 0.0100	--	--	--	--	--	--
	Calcium	< 2.00	--	--	--	--	--	--
	Chromium	< 0.0500	--	--	--	--	--	--
	Chromium, hexavalent	< 1.0	--	--	--	--	--	--
	Cobalt	< 0.0500	--	--	--	--	--	--
	Copper	< 0.0500	--	--	--	--	--	--
	Iron	< 0.500	--	--	--	--	--	--
	Lead	< 0.0500	--	--	--	--	--	--
	Magnesium	< 0.500	--	--	--	--	--	--
	Manganese	< 0.0500	--	--	--	--	--	--
	Mercury	< 0.000500	--	--	--	--	--	--
	Molybdenum	< 0.0500	--	--	--	--	--	--
	Nickel	< 0.0500	--	--	--	--	--	--
	Phosphorus	< 0.250	--	--	--	--	--	--
	Potassium	< 2.00	--	--	--	--	--	--
	Selenium	< 0.100	--	--	--	--	--	--
	Silicon	**3.03**	--	--	--	--	--	--
	Silver	< 0.0100	--	--	--	--	--	--
	Sodium	**116**	--	--	--	--	--	--
	Strontium	< 0.0100	--	--	--	--	--	--
	Sulfur	< 0.250	--	--	--	--	--	--
	Thallium	< 0.0500	--	--	--	--	--	--
	Titanium	< 0.0500	--	--	--	--	--	--
	Vanadium	< 0.0100	--	--	--	--	--	--
	Zinc	< 0.250	--	--	--	--	--	--
EPA METHOD 8015B in mg/L Total Petroleum Hydrocarbons-Carbon Chain (C6-C44) 5035/8015B Gasoline Range Organics	C6	< 50	--	--	--	--	--	--
	C7	< 50	--	--	--	--	--	--
	C8	< 50	--	--	--	--	--	--
	C9-C10	< 50	--	--	--	--	--	--
	C11-C12	< 50	--	--	--	--	--	--
	C13-C14	< 50	--	--	--	--	--	--
	C15-C16	< 50	--	--	--	--	--	--
	C17-C18	< 50	--	--	--	--	--	--
	C19-C20	< 50	--	--	--	--	--	--
	C21-C22	< 50	--	--	--	--	--	--
	C23-C24	< 50	--	--	--	--	--	--
	C25-C28	< 50	--	--	--	--	--	--
	C29-C32	< 50	--	--	--	--	--	--
	C33-C36	< 50	--	--	--	--	--	--
	C37-C40	< 50	--	--	--	--	--	--
	C41-C44	< 50	--	--	--	--	--	--
	C6-C44 Total	**53**	--	--	--	--	--	--
	Diesel Range Organics (C10-C28)	**31 J**	--	--	--	--	--	--
	TPH as Motor Oil (C29-C44)	**26 J**	--	--	--	--	--	--
	Gas Range Organics (C4-C12)	< 50	--	--	--	--	--	--

TABLE 5 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, EQUIPMENT AND TRIP BLANKS
ALISO CANYON SS-25 PROJECT

Sample number		EB	TB-1	TB-2	TB-3	TB-4	TB-5	TB-6
Media		Equipment Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8270C Semi-Volatile Organic Compounds	1,2,4-Trichlorobenzene	< 9.8	--	--	--	--	--	--
	1,2-Dichlorobenzene	< 9.8	--	--	--	--	--	--
	1,2-Diphenylhydrazine	< 9.8	--	--	--	--	--	--
	1,3-Dichlorobenzene	< 9.8	--	--	--	--	--	--
	1,4-Dichlorobenzene	< 9.8	--	--	--	--	--	--
	1-Methylnaphthalene	< 9.8	--	--	--	--	--	--
	1-Methylnaphthalene (8270C SIM)	--	--	--	--	--	--	--
	2,4,5-Trichlorophenol	< 9.8	--	--	--	--	--	--
	2,4,6-Trichlorophenol	< 9.8	--	--	--	--	--	--
	2,4-Dichlorophenol	< 9.8	--	--	--	--	--	--
	2,4-Dimethylphenol	< 9.8	--	--	--	--	--	--
	2,4-Dinitrophenol	< 49	--	--	--	--	--	--
	2,4-Dinitrotoluene	< 9.8	--	--	--	--	--	--
	2,6-Dichlorophenol	< 9.8	--	--	--	--	--	--
	2,6-Dinitrotoluene	< 9.8	--	--	--	--	--	--
	2-Chloronaphthalene	< 9.8	--	--	--	--	--	--
	2-Chlorophenol	< 9.8	--	--	--	--	--	--
	2-Methylnaphthalene	< 9.8	--	--	--	--	--	--
	2-Methylnaphthalene (8270C SIM)	--	--	--	--	--	--	--
	2-Methylphenol	< 9.8	--	--	--	--	--	--
	2-Nitroaniline	< 9.8	--	--	--	--	--	--
	2-Nitrophenol	< 9.8	--	--	--	--	--	--
	3 & 4 Methylphenol	< 9.8	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	< 24	--	--	--	--	--	--
	3-Nitroaniline	< 9.8	--	--	--	--	--	--
	4,6-Dinitro-2-methylphenol	< 49	--	--	--	--	--	--
	4-Bromophenyl phenyl ether	< 9.8	--	--	--	--	--	--
	4-Chloro-3-methylphenol	< 9.8	--	--	--	--	--	--
	4-Chloroaniline	< 9.8	--	--	--	--	--	--
	4-Chlorophenyl phenyl ether	< 9.8	--	--	--	--	--	--
	4-Nitroaniline	< 9.8	--	--	--	--	--	--
	4-Nitrophenol	< 9.8	--	--	--	--	--	--
	Acenaphthene	< 9.8	--	--	--	--	--	--
	Acenaphthene (8270C SIM)	--	--	--	--	--	--	--
	Acenaphthylene	< 9.8	--	--	--	--	--	--
	Acenaphthylene (8270C SIM)	--	--	--	--	--	--	--
	Aniline	< 9.8	--	--	--	--	--	--
	Anthracene	< 9.8	--	--	--	--	--	--
	Anthracene (8270C SIM)	--	--	--	--	--	--	--
	Azobenzene	< 9.8	--	--	--	--	--	--
	Benzidine	< 49	--	--	--	--	--	--
	Benzo[a]anthracene	< 9.8	--	--	--	--	--	--
	Benzo[a]anthracene (8270C SIM)	--	--	--	--	--	--	--
	Benzo[a]pyrene	< 9.8	--	--	--	--	--	--
	Benzo[a]pyrene (8270C SIM)	--	--	--	--	--	--	--
	Benzo[b]fluoranthene	< 9.8	--	--	--	--	--	--
	Benzo[b]fluoranthene (8270C SIM)	--	--	--	--	--	--	--
	Benzo[g,h,i]perylene	< 9.8	--	--	--	--	--	--
	Benzo[g,h,i]perylene (8270C SIM)	--	--	--	--	--	--	--
	Benzo[k]fluoranthene	< 9.8	--	--	--	--	--	--
	Benzo[k]fluoranthene (8270C SIM)	--	--	--	--	--	--	--
	Benzoic acid	< 49	--	--	--	--	--	--
	Benzyl alcohol	< 9.8	--	--	--	--	--	--

TABLE 5 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, EQUIPMENT AND TRIP BLANKS
ALISO CANYON SS-25 PROJECT

Sample number		EB	TB-1	TB-2	TB-3	TB-4	TB-5	TB-6
Media		Equipment Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8270C in µg/L Semi-Volatile Organic Compounds	bis (2-Chloroisopropyl) ether	< 9.8	--	--	--	--	--	--
	Bis(2-chloroethoxy)methane	< 9.8	--	--	--	--	--	--
	Bis(2-chloroethyl)ether	< 24	--	--	--	--	--	--
	Bis(2-ethylhexyl) phthalate	< 9.8	--	--	--	--	--	--
	Butyl benzyl phthalate	< 9.8	--	--	--	--	--	--
	Chrysene	< 9.8	--	--	--	--	--	--
	Chrysene (8270C SIM)	--	--	--	--	--	--	--
	Dibenz(a,h)anthracene	< 9.8	--	--	--	--	--	--
	Dibenz(a,h)anthracene (8270C SIM)	--	--	--	--	--	--	--
	Dibenzofuran	< 9.8	--	--	--	--	--	--
	Diethyl phthalate	< 9.8	--	--	--	--	--	--
	Dimethyl phthalate	< 9.8	--	--	--	--	--	--
	Di-n-butyl phthalate	< 9.8	--	--	--	--	--	--
	Di-n-octyl phthalate	< 9.8	--	--	--	--	--	--
	Fluoranthene	< 9.8	--	--	--	--	--	--
	Fluoranthene (8270C SIM)	--	--	--	--	--	--	--
	Fluorene	< 9.8	--	--	--	--	--	--
	Fluorene (8270C SIM)	--	--	--	--	--	--	--
	Hexachloro-1,3-butadiene	< 9.8 *	--	--	--	--	--	--
	Hexachlorobenzene	< 9.8	--	--	--	--	--	--
	Hexachlorocyclopentadiene	< 24 *	--	--	--	--	--	--
	Hexachloroethane	< 9.8	--	--	--	--	--	--
	Indeno[1,2,3-cd]pyrene	< 9.8	--	--	--	--	--	--
	Indeno[1,2,3-cd]pyrene (8270C SIM)	--	--	--	--	--	--	--
	Isophorone	< 9.8	--	--	--	--	--	--
	Naphthalene	< 9.8	--	--	--	--	--	--
	Naphthalene (8270C SIM)	--	--	--	--	--	--	--
	Nitrobenzene	< 24	--	--	--	--	--	--
	N-Nitrosodiethylamine	< 9.8	--	--	--	--	--	--
	N-Nitrosodimethylamine	< 9.8 *1	--	--	--	--	--	--
	N-Nitrosodi-n-propylamine	< 9.8	--	--	--	--	--	--
	N-Nitrosodiphenylamine	< 9.8 *	--	--	--	--	--	--
	Pentachlorophenol	< 9.8	--	--	--	--	--	--
	Phenanthrene	< 9.8	--	--	--	--	--	--
	Phenanthrene (8270C SIM)	--	--	--	--	--	--	--
	Phenol	< 9.8	--	--	--	--	--	--
	Pyrene	< 9.8	--	--	--	--	--	--
	Pyrene (8270C SIM)	--	--	--	--	--	--	--
	Pyridine	< 9.8 *1	--	--	--	--	--	--

TABLE 5 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, EQUIPMENT AND TRIP BLANKS
ALISO CANYON SS-25 PROJECT

Sample number		EB	TB-1	TB-2	TB-3	TB-4	TB-5	TB-6
Media		Equipment Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/L Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	1,1,1-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,1,2,2-Tetrachloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,1,2-Trichloro-1,2,2-trifluoroethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	1,1,2-Trichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,1-Dichloroethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,1-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,1-Dichloropropene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,2,3-Trichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,2,3-Trichloropropane	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	1,2,4-Trichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,2,4-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,2-Dibromo-3-Chloropropane	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	1,2-Dibromoethane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,2-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,2-Dichloroethane	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	1,2-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,3,5-Trimethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,3-Butadiene	< 25	< 25	< 25	< 25	< 25	< 25	< 25
	1,3-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,3-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,4-Dichlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	1,4-Dioxane	< 100	< 100	< 100	< 100	< 100	< 100	< 100
	2,2,4-Trimethylpentane	**4.9 J**	< 10	< 10	< 10	< 10	< 10	< 10
	2,2-Dichloropropane	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2-Butanone	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	2-Chloroethyl vinyl ether	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	2-Chlorotoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	2-Hexanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	2-Methyl-2-butanol (TAA)	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	4-Chlorotoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	4-Methyl-2-pentanone	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Acetone	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	Acetonitrile	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Acrolein	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Acrylonitrile	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	Benzene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	Bromobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Bromochloromethane	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	Bromodichloromethane	**3.6**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Bromoform	**5.5**	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	Bromomethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Carbon disulfide	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Carbon tetrachloride	**0.26 J**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	Chlorobenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Chloroethane	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	Chloroform	**8.5**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Chloromethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	cis-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	cis-1,3-Dichloropropene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	Cyclohexane	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Dibromochloromethane	**5.8**	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	Dibromomethane	**1.2**	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

TABLE 5 - SUMMARY OF LABORATORY ANALYTICAL RESULTS, EQUIPMENT AND TRIP BLANKS
ALISO CANYON SS-25 PROJECT

Sample number		EB	TB-1	TB-2	TB-3	TB-4	TB-5	TB-6
Media		Equipment Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Date Sampled		8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020	8/4/2020
EPA METHOD 8260B in µg/L Volatile Organic Compounds	Dichlorodifluoromethane	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	Diethyl ether	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Di-isopropyl ether (DIPE)	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	Ethanol	< 100	< 100	< 100	< 100	< 100	< 100	< 100
	Ethylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Ethyl-t-butyl ether (ETBE)	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	Hexachloro-1,3-butadiene	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	Hexane	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
	Iodomethane	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Isobutyl alcohol	< 50	< 50	< 50	< 50	< 50	< 50	< 50
	Isopropanol	< 200	< 200	< 200	< 200	< 200	< 200	< 200
	Isopropylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	m,p-Xylene	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	Methylene Chloride	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Methyl-t-Butyl Ether (MTBE)	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Naphthalene	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	n-Butylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	N-Propylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	o-Xylene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	p-Isopropyltoluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	sec-Butylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Styrene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Tert-amyl-methyl ether (TAME)	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
	tert-Butyl alcohol (TBA)	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	tert-Butylbenzene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Tetrachloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Tetrahydrofuran	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	Thiophene	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Toluene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	trans-1,2-Dichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	trans-1,3-Dichloropropene	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	trans-1,4-Dichloro-2-butene	< 20	< 20	< 20	< 20	< 20	< 20	< 20
	Trichloroethene	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	Trichlorofluoromethane	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Vinyl acetate	< 10	< 10	< 10	< 10	< 10	< 10	< 10
	Vinyl chloride	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
	Xylenes, Total	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0

Notes:

-- = Not analyzed
T = Result is a tentatively identified compound (TIC) and an estimated value.
* = Lab control sample is outside acceptance limits
B = Compund was found in the blank and sample
J = Result is less than the RL but greater than or equal to the MDL. Concentration is an approximate value.
me = Lab control sample recovery is within Marginal Exceedance control limit range.
*1 = Lab control sample exceeds control limits
F1 = MS and/or MSD recovery exceeds control limits.
F2 = MS/MSD RPD exceeds control limits.
X = Surrogate recovery exceeds control limits.
^ = Instrument related QC is outside acceptance limits.
L = Instrument related QC is outside acceptance limits.
Z = The chromatographic response does not resemble a typical fuel pattern.
µg/L = Micrograms per liter
mg/L = Milligrams per liter

APPENDIX A

AECOM Sampling and Analysis Plan (SAP), dated July 31, 2020

AECOM
1220 Avenida Acaso
Camarillo, CA 93012
USA
aecom.com

July 31, 2020

Ms. Megan Lorenz
Southern California Gas Company
555 West 5th Street
Los Angeles, California 90013

AECOM Project No. 60637068

Subject: Sampling and Analysis Plan for Units from Aliso Canyon SS-25 Project

Dear Ms. Lorenz:

This Sampling and Analysis Plan (SAP) has been prepared regarding the categorization of materials temporarily stored in units (roll-off bins or other containers) that were collected during the remediation of the Aliso Canyon Well Failure. Each unit can hold approximately 20 cubic yards of material. The units on site were under evidentiary hold by the California Public Utilities Commission, Safety and Enforcement Division (CPUC SED) until May 26, 2020 and are visibly marked.

This SAP includes a description of the procedures for sampling and analysis of the materials in the units for their categorization prior to disposal.

Objectives of Sampling and Analysis

The objectives of this sampling and analysis are to:

- Characterize the materials in the units for their disposal
- Determine if any of the materials in the units are hazardous wastes based on their characteristics (ignitability, corrosivity, reactivity, or toxicity);
- Identify potential chemicals of concern and determine their concentration; and
- Prepare a report summarizing the results upon completion of the sampling and analysis.

This SAP has been prepared to achieve the aforementioned objectives and is based in part on information provided by SoCal Gas. The scope of work consists of the following tasks:

Task 1 – Health and Safety Planning and Pre-field Activities,

Task 2 – Sampling Procedures and Equipment Decontamination,

Task 3 – Sample Labeling and Handling,

Task 4 – Sample Analysis,

Task 5 – Quality Assurance/Quality Control,

Task 6 – Investigation-Derived Waste Handling, and

Task 7 – Submittal of Reports to SoCalGas.

Samples will be submitted to Eurofins-Calscience Analytical Laboratories, Inc. (Calscience) for analyses. Calscience is an environmental laboratory certified by the State of California Environmental Laboratory Accreditation Program (California ELAP certification number 2944).

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The technical approaches for the tasks are discussed in the following sections.

Task 1 - Health and Safety Planning and Pre-Field Activities

Health and Safety Planning

Sampling will be performed under a site-specific Health and Safety Plan (HASP). The HASP was designed to identify, evaluate, and mitigate hazards, and to outline emergency response actions for field activities. The HASP must be kept onsite during work activities and made available to all workers including subcontractors and other site occupants for informational purposes. Prior to sampling activities, field work personnel entering the site, including subcontractors, must complete health and safety training including Hazardous Waste Operations and Emergency Response and specific trainings associated with the Aliso Canyon facility as applicable to their role and task.

A daily tailgate safety meeting will be conducted during sampling activities to review tasks planned for each day and associated hazards and mitigations and to identify potential risks. The tailgate meeting may also include notices and updates from the SoCal Gas safety, security, or environment staff. Attendance at the daily tailgate safety meeting will be recorded, and those records will be kept in the HASP until a revised or updated HASP is prepared.

The HASP includes site personnel responsibilities and training requirements, selection and use of personal protective equipment (PPE), monitoring requirements to identify potential exposures to hazardous materials, emergency identification and response procedures, and other necessary controls. The HASP will be reviewed and signed by the field staff.

Pre-Field Activities

SoCal Gas will be notified at least 1 day prior to sampling activities. The laboratory will provide materials including sample bottles and ice chests required for the field activities.

Task 2 – Unit Selection and Sampling Procedures

Randomized Unit Selection Procedure

The materials stored in the units have been grouped based on generator knowledge into categories of similar materials based on area of origin and observed composition of unit contents. Currently there are 31 categories of materials and more categories may be added if dissimilar materials are identified in AECOM's review of the unit contents. Within each category, 20% of the units will be selected at random for sampling. At least 1 unit per category will be sampled unless the category can be excluded (such as metal waste for recycling). Random selection of units for sampling was accomplished by assigning a sequential number to each unit in a category and using an excel-based random number generator to select units until at least 20% of the units have been identified. A listing of units and categories is provided as **Attachment 1**. If field sampling staff are unable to collect samples from one of the randomly pre-selected units, for safety reasons for example, the samples may be collected from an alternate unit containing similar materials. Variances from the sampling and analysis plan including rational for sampling from an alternate unit will be documented by field staff for project records.

Soil Sampling Procedure within a selected bin

Containers for soil are primarily 20-yard roll-off type bins. Sampling from each bin containing soil is proposed to be conducted using a hand auger. In order to properly characterize the contents in each bin, three discrete samples will be collected for the analysis of volatile organic compounds (VOCs) and total petroleum hydrocarbons quantified as gasoline-range organics in the carbon range of C_4 to C_{12} (TPH C_4-C_{12}), and one composite sample for all remaining analyses. Sampling locations within bins selected for sampling will be based on a systematic stratified grid sampling procedure to represent the entire bin (**Attachment 2**). The composite sample will be composed of six approximately 8-ounce (oz) aliquots from the hand-auger bucket, three of which will be collected at a depth of 0.5 to 1 foot below the material surface, and three aliquots will be collected from within 3 feet of the bottom of the bin.

The three discrete samples will be collected using United States Environmental Protection Agency (US EPA) Method 5035A kits from three of the 8-oz aliquots prior to compositing. The discrete samples will be collected from the three aliquots taken from within 3 feet of the bottom of the bin. To create the composite sample, the six (8-oz) samples will be emptied into a self-sealing bag (e.g., Ziploc™), measuring 2 gallons in size or larger, and homogenized onsite. To homogenize the soil, the self-sealing bag will be sealed, and the soil in the bag will be thoroughly mixed using hand pressure to manually break-up clumps of soil while the bag is repeatedly inverted to promote mixing of soils inside of the bag. Homogenization will be performed for at least 120 seconds until the appearance of the soil is relatively uniform. The soil in the bag will then be transferred to laboratory-supplied jars while onsite.

Any remaining composited soil will be placed back into the unit of origin . If any of the samples must be split between a third party, the split samples can be taken from the unused soil in the Ziploc™ bag, and additional US EPA Method 5035A kits will also be collected at the same time that the primary samples are collected (i.e., prior to compositing).

All samples will be labeled per laboratory specifications while onsite. All samples will be logged on the chain-of-custody form. The US EPA Method 5035 kits for the discrete samples and the jars of the composite sample will be placed into individual self-sealing bags, placed on ice inside of an ice chest, and submitted to the laboratory.

Concrete Debris Sampling Procedure

Three units contain concrete debris or concrete debris and steel cables embedded in concrete. Samples of crushed concrete debris will be collected from six locations in each unit using the procedure similar to the collection of soil samples. It may be necessary to use a long-handled shovel to scoop up the crushed concrete instead of a hand auger. In the event that insufficient crushed concrete is available for the full analytical suite, larger pieces may be submitted to the laboratory for grinding/crushing as needed or the pieces may be crushed on-site as coordinated through SoCal Gas. The sampling procedure may need to be modified to address access or safety issues. Some laboratory methods may not be able to accommodate crushed concrete as a matrix, so those analyses will be omitted for this material.

Sludge and Liquid in Units Sampling Procedure

As a result of rain collecting in bins or other units, several units contain soil and sludge with various amounts of standing water. AECOM will arrange to have a vacuum truck remove the standing water (to the extent possible) from each unit. The vacuum truck will transfer the liquid into a tank for temporary storage at the SS-24 work pad area. After the standing water from the last unit is placed in the tank, a sample of the liquid will be collected and analyzed for the same set of parameters as the soil samples. If enough solids remain in the unit, the remaining solids will be sampled in the manner prescribed for soil. Unit/tank sampling procedure may need to be modified due to access or safety issues. Any modifications that are made due to access or safety issues will be tracked and documented.

Task 3 – Sample Labeling, Handling, and Equipment Decontamination

Sample Labeling

Each unit has been assigned a unique identification (ID) number by the SoCal Gas staff for inventory and tracking purposes. Sample containers from each unit will be assigned an ID number that corresponds to the unit of origin. The discrete and composite samples will then be identified for the laboratory as D1, D2, D3, and Comp.

Example:

Samples from unit number SF-1531 will be assigned sample ID number SF1531. The three discrete samples from this unit will be called SF1531D1, SF1531D2, SF1531D3, and the composite sample will be called SF1531Comp.

The contents of each unit must weigh no more than 20,000 pounds to comply with California Department of Transportation (DOT) requirements. If a single unit contains material in excess of 20,000 pounds, it will be necessary to divide the contents into two units. Prior to division of the material (such as soil) into two units, samples will have been collected from the single original unit for laboratory analyses. The sample will be assigned the same ID number as the unit number. When the material is divided into two units, each unit will be assigned a unique unit ID number that can be tracked to the original unit.

Example:

Material from unit number SF-1531 is split into two units, then the new units will be assigned unit ID numbers SF-1531.1 (for unit 1) and SF-1531.2 (for unit 2).

Using this unit numbering system, the analytical results for sample SF-1531 can be traced to the contents in units SF-1531.1 and SF-1531.2.

Field Quality Assurance/Quality Control Sample Identifications

Field quality assurance/quality control (QA/QC) sample codes that may be applied include:

- FD for Field Duplicates,
- EB for Equipment Blanks, and
- TB for Trip Blanks.

Field QA/QC sample codes will be appended to the end of the primary sample ID that is represented by the field QA/QC sample.

The FD sample represents the primary sample that is being duplicated; thus, the FD should be named after the corresponding primary sample.

The EB sample should be named for the sample collected immediately prior to the collection of the EB.

The TB sample represents a group of samples – the TB represents all samples within each ice chest. Thus, the TB should be named after the first sample placed in the ice chest without the designator for discrete or composite samples.

Example:

If the first sample to be placed in an ice chest is SF1601-Comp and an FD is collected from this sample, then an EB sample is collected immediately following the collection of the sample (after decontamination of sampling equipment). The associated field QA/QC samples will be identified as:

Primary sample: SF1601

- SF1601-Comp-FD
- SF1601-Comp-EB
- SF1601-TB. Note: Trip Blank samples will not be designated as D1, D2, D3, or Comp to avoid confusion because they will be analyzed for only VOCs and TPH C_4-C_{12}.

Field QA/QC samples and the frequencies of collection are discussed in Task 5 – Quality Assurance/Quality Control.

Sample Handling

Each sample container will be marked in the field with the sample ID number, location, date, and time of sample collection. Sample containers will be placed on ice (if appropriate for the requested analysis) inside of an ice chest while awaiting transport to the laboratory. The samples will be surrounded by packaging material to prevent container breakage in transit. A chain-of-custody (COC) record will be prepared at the time of sample collection and will contain sample identification, sample type, analytical request, sampling time and date, and the sampler's name. The COC form will be signed, timed, and dated by the sampler when custody of the samples is transferred from the sampling personnel to the laboratory. The COC record will accompany each package shipped and must accurately describe the contents of the package. A copy of each COC will remain with the Field Manager for inclusion in the project files. The original COC will be shipped to the laboratory with the samples.

The laboratory will provide a courier to transport samples under COC from the site to the laboratory. In the event that a laboratory courier is unavailable, samples will be transported to the laboratory by field personnel or a commercial shipping company.

Upon arrival at the laboratory, all samples will be logged-in by the laboratory following standard laboratory receiving protocol. Laboratory personnel receiving the samples must sign the COC. The laboratory project manager or designee

will provide written notice of receipt, notations of any container breakage, and correlation of laboratory ID number to a field ID for the samples within 24 hours of sample log-in.

The laboratory will immediately notify the sampling team if problems are identified which require immediate resolution upon receipt of the samples. Such problems may include container breakage, missing or improper COC, exceeded holding times, missing or illegible sample labeling, or temperature excursions.

Equipment Decontamination

All sampling equipment that comes into contact with potentially contaminated soil will be decontaminated consistently after sampling each selected unit to prevent cross-contamination between samples and to assure the quality of the samples collected. Disposable equipment intended for one-time use will not be decontaminated but will be packaged for appropriate disposal. Prior to and after each use, reusable sampling equipment or containers will be properly decontaminated. All drilling (hand auger) and sampling devices used will be decontaminated using the following procedures:

1. After a sample is collected, re-usable sampling equipment will be placed in a bucket and washed with non-phosphate detergent and tap-water wash, using a brush if necessary. The wash water will be contained within the first bucket. If the wash water becomes heavily laden with soil particles, the bucket of wash water will be emptied into a DOT-approved drum or tank for temporary storage onsite. The bucket will be refilled with fresh tap water and detergent for continued equipment washing.
2. First rinse: the equipment will then be placed in a second bucket and undergo an initial rinse using deionized (DI) or distilled water. The rinse water will be contained within the second bucket.
3. Final rinse: the equipment will be placed into a third bucket and undergo a second rinse using DI or distilled water. The final rinse water will be contained within the third bucket.
4. The equipment will then be set on clean, plastic sheeting to air-dry.

Equipment will be decontaminated in a pre-designated area on pallets or plastic sheeting, and clean bulky equipment will be stored on plastic sheeting in an uncontaminated area. Each bucket will be clearly labeled with its contents. When not in use, decontaminated sampling equipment will be wrapped in, or covered, with clean plastic.

Task 4 - Sample Analysis

Samples from each unit will be analyzed as follows;

A. Discrete samples will be collected in accordance with US EPA Method 5035A for the following analyses:
    1. VOCs by US EPA Method 8260B, and
    2. TPH C_4-C_{12} by US EPA Method 8015B.

B. Composite samples will be collected and analyzed for the following:
    1. Semivolatile Organic Compounds (SVOCs) by US EPA Method 8270C,
    2. TPH C_{13}-C_{40} by US EPA Method 8015B,
    3. Polynuclear Aromatic Hydrocarbons (PAHs) by US EPA Method 8270SIM,
    4. Polychlorinated Biphenyls (PCBs) by US EPA Method 8082A,
    5. Title 22 Metals (Metals) by US EPA Methods 6010B/7471A,
    6. Soluble Threshold Limit Concentration (STLC) per Title 22 Appendix II, and Toxicity characteristic leaching procedure (TCLP) by US EPA Method 1311,
    7. Chromium, Hexavalent (Cr VI) by US EPA Method 7199,
    8. pH by US EPA Method 9045,
    9. Flash Point by US EPA Method 1010,
    10. Reactive Cyanide by US EPA Method 9014,

11. Reactive Sulfide by US EPA Method 9030B, and
12. Fish Bioassay for Hazardous Waste Determination by Title 22[1].

TCLP and STLC analyses will be conducted concurrently with Total Threshold Limit Concentration (TTLC) testing. A summary table of samples and analyses is provided in **Attachment 3**.

Task 5 - Quality Assurance/Quality Control

There is potential variability in any sample collection, analysis, or measurement activity. QC activities are those technical activities routinely performed, not to eliminate or minimize errors, but to assess/demonstrate reliability and confidence in the measurement data generated. Field QA/QC samples that will be collected during the unit sampling include field duplicates (FDs), equipment blanks (EBs), and trip blanks (TBs).

Field Duplicate Samples

The FD is a replicate sample collected as close as possible to the same time that the primary sample is collected and from the same location, depth, or source, and is used to evaluate sampling and analytical precision (reproducibility). FDs will be collected by alternately filling two sets of identical sample containers from the interim container used to collect the sample. Agreement between primary and duplicate sample results will indicate good sampling and analytical precision. The precision goal for field duplicate results will be plus or minus 100 percent (%) relative percent difference (RPD) as compared to the primary results. If the RPD between the primary and duplicate field samples exceeds 100% for sample concentrations greater than five times the reporting limit, the data will be qualified as described in the applicable data validation procedure. FD samples will be collected at a minimum frequency of 20% of primary samples collected (two field duplicate samples for every 10 primary samples collected).

Equipment Blank Samples

EB samples are used to assess the effectiveness of equipment decontamination procedures. EB samples are obtained by filling, immersing, or rinsing decontaminated sampling equipment with reagent-grade DI water, sampling this water, and submitting the sample for analysis. Alternatively, DI water can be poured over or through the decontaminated sampling equipment and then collected and submitted for analysis. EBs will be collected at a frequency of one per day per sampling crew and will be analyzed for the same suite of parameters as the primary sample to assess the effectiveness of the decontamination procedures.

Trip Blank Samples

TB samples are used to assess the potential for cross-contamination of VOCs and TPH C_4-C_{12} between samples during temporary storage and shipment to the laboratory. TB samples are only necessary when materials (soil, water, concrete, sludge) are being analyzed for VOCs and TPH C_4-C_{12}. A TB sample consists of one or more sample containers that are prepared at the analytical laboratory by filling containers with reagent-grade DI water. The TB sample is added to the sample ice chest or other shipping container as soon as the first primary sample is collected. The TB sample accompanies the primary samples to the laboratory and is analyzed using the same analytical method as the primary samples. One TB sample will accompany every ice chest on every day of sampling.

Task 6 - Investigation-Derived Waste Handling

Investigation-derived waste (IDW) generated from sampling activities will consist of liquid IDW (wash water and rinse water) from equipment decontamination activities. Liquid IDW will be placed into a DOT-approved drum or tank and temporarily stored onsite for eventual disposal by SoCal Gas. Any excess generated solid IDW (e.g., soil, concrete debris, sludge) that will not be sent to the laboratory will be placed back into the respective unit. IDW such as used PPE (gloves), paper towels, used plastic sheeting, etc. will be double bagged in plastic trash bags and disposed by SoCal Gas.

[1] Polisini and Miller, 1988, *Static Acute Bioassay Procedures for Hazardous Waste Samples*, California Department of Fish and Game

Task 7 – Submittal of Reports to SoCalGas

As the laboratory reports are received by AECOM, the data will undergo data validation (Level II QC). Upon AECOM's receipt of each final laboratory report and completion of data validation activities, the results of the sampling and analyses will be summarized and provided to SoCal Gas. The report will include the following:

- Project background and summary of work performed;
- Field procedures and any variances encountered;
- Figures identifying the sample locations;
- Presentation of field observations and analytical results including analytical laboratory reports;
- Data validation memorandum of the analytical reports; and
- The comparison of the sample concentrations to established regulatory agency action levels.

Attachment 1

List of Units

Unit Number	Approximate Start Date	Description of Contents	Number of Units in This Category	Number of Units to Sample (20% minimum)	Randomly Selected Units to Sample
TK-130	11/13/2015	SS-25 resurfaced well control fluids	1	1	TK-130
SF1531	12/4/2015	Soil and Debris from SS-25			SF1531
SF1601	12/4/2015	Soil and Debris from SS-25			
SF1602	12/4/2015	Soil and Debris from SS-25			
SF1510	12/9/2015	Soil and Debris from SS-25			SF1510
SF1519	12/9/2015	Soil and Debris from SS-25			
SF1525	12/9/2015	Soil and Debris from SS-25			
20156	12/10/2015	Soil and Debris from SS-25			
20167	12/10/2015	Soil and Debris from SS-25			
SF 1535	12/10/2015	Soil and Debris from SS-25			SF 1535
SF1515	12/10/2015	Soil and Debris from SS-25			
SF1528	12/10/2015	Soil and Debris from SS-25	21	5	SF1528
SF1533	12/10/2015	Soil and Debris from SS-25			
SF1604	12/10/2015	Soil and Debris from SS-25			
SF1513	12/11/2015	Soil and Debris from SS-25			
SF1611	12/11/2015	Soil and Debris from SS-25			
SF767	12/11/2015	Soil and Debris from SS-25			
PT1850	12/12/2015	Soil and Debris from SS-25			
PT3010	12/12/2015	Soil and Debris from SS-25			PT3010
PT3138	12/12/2015	Soil and Debris from SS-25			
PT3672	12/12/2015	Soil and Debris from SS-25			
PT4337	12/12/2015	Soil and Debris from SS-25			
54	12/15/2015	Soil from V ditches			
DR17	12/15/2015	Soil from V ditches			
DR9	12/15/2015	Soil from V ditches			DR9
PT1084	12/15/2015	Soil from V ditches			
PT1109	12/15/2015	Soil from V ditches			
PT1129	12/15/2015	Soil from V ditches			
PT1414	12/15/2015	Soil from V ditches			
PT1419	12/15/2015	Soil from V ditches			PT1419
PT2454	12/15/2015	Soil from V ditches			PT2454
PT2806	12/15/2015	Soil from V ditches	19	4	

Unit Number	Approximate Start Date	Description of Contents	Number of Units in This Category	Number of Units to Sample (20% minimum)	Randomly Selected Units to Sample
PT2973	12/15/2015	Soil from V ditches			
PT3153	12/15/2015	Soil from V ditches			
PT3350	12/15/2015	Soil from V ditches			
PT3899	12/15/2015	Soil from V ditches			
PT4032	12/15/2015	Soil from V ditches			
PT4033	12/15/2015	Soil from V ditches			PT4033
PT4066	12/15/2015	Soil from V ditches			
PT4098	12/15/2015	Soil from V ditches			
PT4459	12/15/2015	Soil from V ditches			
R765	12/15/2015	Non SS-25 Debris from 39A Relief Pad	4	1	
R769	12/15/2015	Non SS-25 Debris from 39A Relief Pad			
SF 1608	12/15/2015	Non SS-25 Debris from 39A Relief Pad			SF 1608
SF1534	12/15/2015	Non SS-25 Debris from 39A Relief Pad			
R-20-17	1/15/2016	Debris from Decon	2	1	
R-20-77	3/10/2016	Debris from Decon			R-20-77
B16091	3/15/2016	Soil and stone	2	1	B16091
B16115	3/15/2016	Soil and stone			
DHVT#11	5/7/2016	25A/25B Celler/Pipe Trench Sludge	3	1	
V23602	5/7/2016	25A/25B Celler/Pipe Trench Sludge			V23602
VB27599	5/7/2016	25A/25B Celler/Pipe Trench Sludge			
SF1530	5/7/2016	25A/25B Celler/Pipe Trench Solids	1	1	SF1530
2021	5/14/2016	Crater Soils from Slab Removal Overdig	10	2	
20121	5/14/2016	Crater Soils from Slab Removal Overdig			
20168	5/14/2016	Crater Soils from Slab Removal Overdig			
20175	5/14/2016	Crater Soils from Slab Removal Overdig			
20192	5/14/2016	Crater Soils from Slab Removal Overdig			
20193	5/14/2016	Crater Soils from Slab Removal Overdig			20193
SF1502	5/14/2016	Crater Soils from Slab Removal Overdig			
SF1514	5/14/2016	Crater Soils from Slab Removal Overdig			
SF1600	5/14/2016	Crater Soils from Slab Removal Overdig			SF1600
SF763	5/14/2016	Crater Soils from Slab Removal Overdig			
SF764	5/14/2016	Concrete - Broken up slab from SS-25 Crater	1	1	SF764

Unit Number	Approximate Start Date	Description of Contents	Number of Units in This Category	Number of Units to Sample (20% minimum)	Randomly Selected Units to Sample
VB25833	5/20/2016	Liquid from SS-25 Crater. 2" needs to be washed out	1	1	VB25833
2017	6/8/2016	8" Flex Hose	1	1	2017
2040	6/9/2016	Supersacks/Sandbags from SS-25 Crater and Asphalt Surface	1	1	2040
DB30001VB	6/9/2016	SS-25 Pipe Trench Sludge	3	1	
DB3000VB	6/9/2016	SS-25 Pipe Trench Sludge			DB3000VB
V881	6/9/2016	SS-25 Pipe Trench Sludge			
2078	6/13/2016	Super Sacks/Sand/Plastic from SS-25	1	1	2078
CT1106	6/13/2016	SS-25 Crater Sludge	4	1	
CT814	6/13/2016	SS-25 Crater Sludge			CT814
CT817	6/13/2016	SS-25 Crater Sludge			
CT824	6/13/2016	SS-25 Crater Sludge			
PT1312	6/15/2016	Bridge cushions	2	1	
PT2948	6/15/2016	Bridge cushions			PT2948
V327	6/17/2016	SS-25 Earthen Sludge Outside Pipe Trench	2	1	V327
V509	6/17/2016	SS-25 Earthen Sludge Outside Pipe Trench			
T235	6/20/2016	SS-25 Pipe Trench Concrete	2	1	T235
T245	6/20/2016	SS-25 Pipe Trench Concrete			
20159	6/21/2016	Concrete and soil from 25B South Slab Removal	1	1	20159
2031	6/27/2016	Soil/Debris/Sandbags From SS-25 Site Cleanup	2	1	2031
20209	6/27/2016	Soil/Debris/Sandbags From SS-25 Site Cleanup			
20203	6/29/2016	Concrete The South Side Of The Crater/Misc Pipe	1	1	20203
2036	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			2036
2038	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
2040	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
2041	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			2041
20108	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20111	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20125	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20174	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20198	6/28/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20208	6/29/2016	Soils less than 50 PPM VOC from SS-25 Crater			
493642	6/29/2016	Soils less than 50 PPM VOC from SS-25 Crater			

Unit Number	Approximate Start Date	Description of Contents	Number of Units in This Category	Number of Units to Sample (20% minimum)	Randomly Selected Units to Sample
2003	6/30/2016	Soils less than 50 PPM VOC from SS-25 Crater	34	7	
2014	6/30/2016	Soils less than 50 PPM VOC from SS-25 Crater			
2080	6/30/2016	Soils less than 50 PPM VOC from SS-25 Crater			2080
20214	6/30/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20215	6/30/2016	Soils less than 50 PPM VOC from SS-25 Crater			
66702	6/30/2016	Soils less than 50 PPM VOC from SS-25 Crater			
2098	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20107	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20142	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20176	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			20176
20206	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20219	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			20219
SF1507	7/1/2016	Soils less than 50 PPM VOC from SS-25 Crater			
2057	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20115	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20118	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20178	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			
158804 - 20224	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			158804 - 20224
158806 - 20223	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			
158808 - 20222	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			
SF1610	7/2/2016	Soils less than 50 PPM VOC from SS-25 Crater			SF1610
2085	7/19/2016	Soils less than 50 PPM VOC from SS-25 Crater			
20110	7/19/2016	Soils less than 50 PPM VOC from SS-25 Crater			
2035	7/12/2016	Slope soil	2	1	
2090	7/12/2016	Slope soil			2090
20130	7/12/2016	Super Sacks and Steel Cables	1	1	20130
20138	7/12/2016	Super Sacks, pallets, and debris	1	1	20138
20182	7/12/2016	Concrete washout/Super Sacks	1	1	20182
20146	6/27/2016	Surface Soils from SS-25 Cleanup			
2001	7/23/2016	Surface Soils from SS-25 Cleanup			
2019	7/23/2016	Surface Soils from SS-25 Cleanup			
2050	7/23/2016	Surface Soils from SS-25 Cleanup			2050

Unit Number	Approximate Start Date	Description of Contents	Number of Units in This Category	Number of Units to Sample (20% minimum)	Randomly Selected Units to Sample
2054	7/23/2016	Surface Soils from SS-25 Cleanup	11	3	
2083	7/23/2016	Surface Soils from SS-25 Cleanup			
20126	7/23/2016	Surface Soils from SS-25 Cleanup			
20158	7/23/2016	Surface Soils from SS-25 Cleanup			20158
20169	7/23/2016	Surface Soils from SS-25 Cleanup			
20194	7/23/2016	Surface Soils from SS-25 Cleanup			
NRC3551	7/23/2016	Surface Soils from SS-25 Cleanup			NRC3551
SF1521	7/23/2016	Concrete and Cables	1	1	SF1521
SF1504	10/5/2016	South Slope Evidence Soils (6")	6	2	
SF1506	10/5/2016	South Slope Evidence Soils (6")			
SF1511	10/5/2016	South Slope Evidence Soils (6")			SF1511
SF1512	10/5/2016	South Slope Evidence Soils (6")			
SF1518	10/5/2016	South Slope Evidence Soils (6")			SF1518
SF1606	10/5/2016	South Slope Evidence Soils (6")			
2033	10/6/2016	North Slope soils less than 50 VOC	8	2	
20240	10/6/2016	North Slope soils less than 50 VOC			
20250	10/6/2016	North Slope soils less than 50 VOC			
20268	10/6/2016	North Slope soils less than 50 VOC			
2015	10/8/2016	North Slope soils less than 50 VOC			
20147	10/8/2016	North Slope soils less than 50 VOC			
20233	10/8/2016	North Slope soils less than 50 VOC			20233
20272	10/8/2016	North Slope soils less than 50 VOC			20272

The above unit numbers and content descriptions are provided by SoCalGas.
The descriptions are based on generator knowledge.
They define groups of "like" materials for the purpose of waste categorization.
AECOM has reviewed all of the bin contents described above and based on its observations, AECOM has not identified any dissimilar material that requires recategorization.

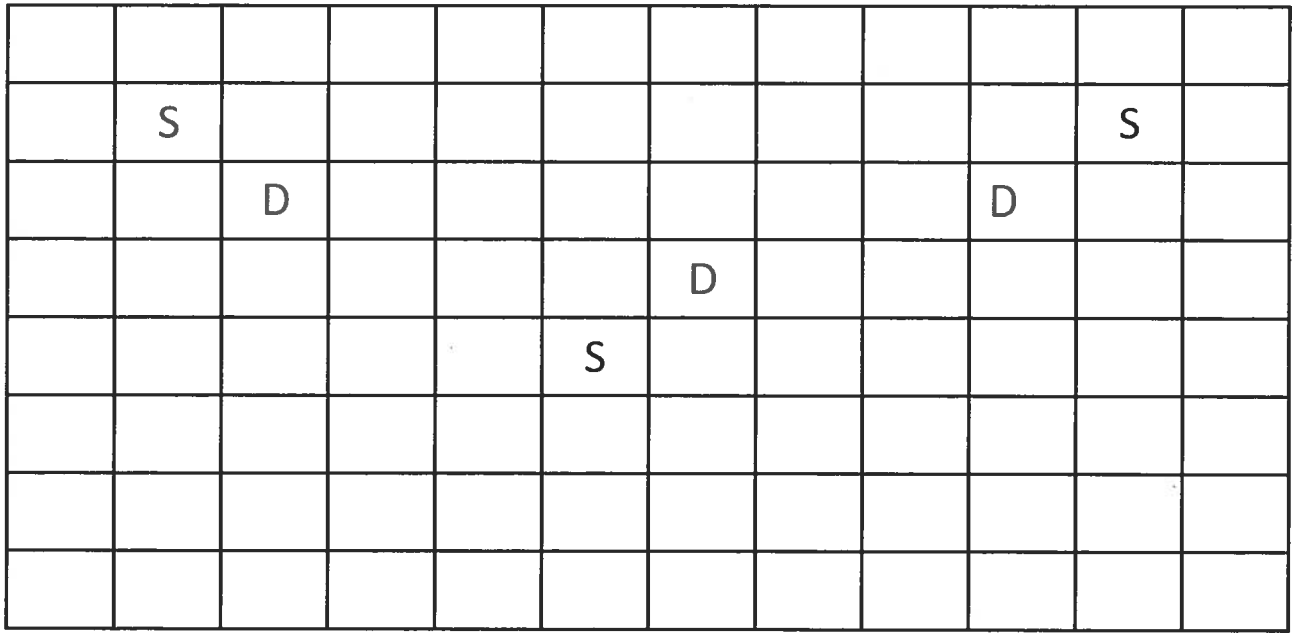
Name Date

The above named person is a duly authorized representative of SoCalGas.

Attachment 2

Systematic Stratified Grid

Attachment 2 - Systematic Stratified Grid



S = Shallow Sample (0.5 to 1 foot below surface)
D = Deeper Sample (less than 3 feet above bottom of bin)

Attachment 3

Summary of Laboratory Analyses

Table 1
Summary of Laboratory Analyses

Sample Type	Analytes	EPA Method (for soils and other materials)
Discrete Samples	Volatile Organic Compounds (VOCs)	EPA Method 8260B
	Total Petroleum Hydrocarbons (TPH C_4-C_{12})	EPA Method 8015B
Composite Samples	Semivolatile Organic Compounds (SVOCs)	EPA Method 8270C
	Total Petroleum Hydrocarbons (TPH C_{13}-C_{40})	EPA Method 8015B
	Polycyclic Aromatic Hydrocarbons (PAHs)	EPA Method 8270SIM
	Polychlorinated Biphenyls (PCBs)	EPA Method 8082A
	Title 22 Metals (Metals)	EPA Method 6010B (Mercury by 7471A)
	STLC	Title 22 Appendix II
	TCLP	EPA Method 1311
	Chromium, Hexavalent (Cr VI)	EPA Method 7199
	pH	EPA Method 9045
	Flash Point	EPA Method 1010
	Reactive Cyanide	EPA Method 9014
	Reactive Sulfide	EPA Method 9030B
	Fish Bioassay for Hazardous Waste Determination	Title 22 (Polisini and Miller, 1988)

APPENDIX B

Laboratory Report – Eurofins Calscience

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-34864-1
Client Project/Site: SoCal Gas, Project # 11561.015

For:
Leighton Consulting Inc
17781 Cowan
Suite 200
Irvine, California 92614

Attn: Meredith Church

Authorized for release by:
8/25/2020 4:15:43 PM

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*1	LCS/LCSD RPD exceeds control limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
me	LCS Recovery is within Marginal Exdeedance (ME) control limit range (± 4 SD from the mean).
X	Surrogate recovery exceeds control limits

GC/MS Semi VOA TICs

Qualifier	Qualifier Description
J	Indicates an Estimated Value for TICs
N	Presumptive evidence of material.
T	Result is a tentatively identified compound (TIC) and an estimated value.

GC VOA

Qualifier	Qualifier Description
X	Surrogate recovery exceeds control limits
Z	The chromatographic response does not resemble a typical fuel pattern.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
X	Surrogate recovery exceeds control limits

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-34864-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-34864-1

Comments
No additional comments.

Receipt
The samples were received on 8/4/2020 4:48 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 6 coolers at receipt time were 3.4º C, 3.6º C, 3.8º C, 3.9º C, 4.0º C and 4.2º C.

Receipt Exceptions

Insufficient sample volume was provided for the following samples: Sample EB (570-34864-4): Received 1 1-liter amber glass for 8270 SIM, 8270 SVOC and 8082 PCBs.
Client instructed to analyze for 8270 SVOC only.

Samples TB-1, TB-2, TB-3, TB-4, TB-5, TB-6 (570-34864-5, 570-34864-6, 570-34864-7, 570-34864-8, 570-34864-9, 570-34864-10): Received 1 vial for 8260 VOCs and 8015 GRO.
Client instructed to analyze for EPA 8260 only.

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC) :
(-20) The container labels list SF1515-3-3.0, while the COC lists SF1515-3.0 (collection date/time matched). Client instructed the correct sample ID as: SF1515-3-3.0
(-21) The container label lists PT3138-1-0.5, while the COC lists PT3138-0.5 (collection date/time matched). Client instructed the correct sample ID as: PT3138-1-0.5
(-22) The container label lists PT3138-2-1.5, while the COC lists PT3138-1.5 (collection date/time matched). Client instructed the correct sample ID as: PT3138-2-0.5
(-23) The container label lists PT3138-3-3.0, while the COC lists PT3138-3.0 (collection date/time matched). Client instructed the correct sample ID as: PT3138-3-0.5

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

HPLC/IC
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep

Job ID: 570-34864-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: TK130-1 — Lab Sample ID: 570-34864-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C11-C12	38	J	49	17	ug/L	1		8015B	Total/NA
C13-C14	94		49	17	ug/L	1		8015B	Total/NA
C15-C16	160		49	17	ug/L	1		8015B	Total/NA
C17-C18	130		49	17	ug/L	1		8015B	Total/NA
C19-C20	92		49	17	ug/L	1		8015B	Total/NA
C21-C22	63		49	17	ug/L	1		8015B	Total/NA
C23-C24	110		49	17	ug/L	1		8015B	Total/NA
C25-C28	320		49	17	ug/L	1		8015B	Total/NA
C29-C32	280		49	17	ug/L	1		8015B	Total/NA
C33-C36	130		49	17	ug/L	1		8015B	Total/NA
C37-C40	42	J	49	17	ug/L	1		8015B	Total/NA
C41-C44	19	J	49	17	ug/L	1		8015B	Total/NA
C6-C44	1500		49	17	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	1000		49	17	ug/L	1		8015B	Total/NA
Chloride	18000		400		mg/L	400		300.0	Total/NA
Chromium, hexavalent	5.3		2.0		ug/L	2		7199	Total/NA
Sulfur	34.1		0.250		mg/L	1		6010B	Total/NA
Antimony	0.245		0.100		mg/L	1		6010B	Total/NA
Barium	5.79		0.0100		mg/L	1		6010B	Total/NA
Boron	1.93		0.500		mg/L	1		6010B	Total/NA
Calcium	7300		20.0		mg/L	10		6010B	Total/NA
Iron	0.597		0.500		mg/L	1		6010B	Total/NA
Magnesium	217		0.500		mg/L	1		6010B	Total/NA
Manganese	13.0		0.0500		mg/L	1		6010B	Total/NA
Potassium	1640		20.0		mg/L	10		6010B	Total/NA
Silicon	10.5		0.250		mg/L	1		6010B	Total/NA
Sodium	814		20.0		mg/L	10		6010B	Total/NA

Client Sample ID: TK130-2 — Lab Sample ID: 570-34864-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bis(2-ethylhexyl) phthalate	3.2	J	9.3	2.9	ug/L	1		8270C	Total/NA
C11-C12	83		48	16	ug/L	1		8015B	Total/NA
C13-C14	130		48	16	ug/L	1		8015B	Total/NA
C15-C16	200		48	16	ug/L	1		8015B	Total/NA
C17-C18	170		48	16	ug/L	1		8015B	Total/NA
C19-C20	150		48	16	ug/L	1		8015B	Total/NA
C21-C22	180		48	16	ug/L	1		8015B	Total/NA
C23-C24	500		48	16	ug/L	1		8015B	Total/NA
C25-C28	1500		48	16	ug/L	1		8015B	Total/NA
C29-C32	1200		48	16	ug/L	1		8015B	Total/NA
C33-C36	570		48	16	ug/L	1		8015B	Total/NA
C37-C40	190		48	16	ug/L	1		8015B	Total/NA
C41-C44	88		48	16	ug/L	1		8015B	Total/NA
C6-C44	5000		48	16	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	2900		48	16	ug/L	1		8015B	Total/NA
Chloride	25000		400		mg/L	400		300.0	Total/NA
Chromium, hexavalent	2.6		2.0		ug/L	2		7199	Total/NA
Sulfur	35.0		0.250		mg/L	1		6010B	Total/NA
Antimony	0.237		0.100		mg/L	1		6010B	Total/NA
Barium	5.88		0.0100		mg/L	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TK130-2 (Continued)

Lab Sample ID: 570-34864-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	1.99		0.500		mg/L	1		6010B	Total/NA
Calcium	7500		20.0		mg/L	10		6010B	Total/NA
Iron	0.852		0.500		mg/L	1		6010B	Total/NA
Magnesium	220		0.500		mg/L	1		6010B	Total/NA
Manganese	13.2		0.0500		mg/L	1		6010B	Total/NA
Potassium	1680		20.0		mg/L	10		6010B	Total/NA
Silicon	10.8		0.250		mg/L	1		6010B	Total/NA
Sodium	826		20.0		mg/L	10		6010B	Total/NA

Client Sample ID: TK130-3

Lab Sample ID: 570-34864-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1-Methylnaphthalene	0.44		0.19		ug/L	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.94		0.19		ug/L	1		8270C SIM	Total/NA
Naphthalene	0.54		0.19		ug/L	1		8270C SIM	Total/NA
Phenanthrene	0.20		0.19		ug/L	1		8270C SIM	Total/NA
Benzoic acid	13	J	47	11	ug/L	1		8270C	Total/NA
Gasoline Range Organics (C4-C12)	97	Z	50		ug/L	1		8015B	Total/NA
C11-C12	84		49	17	ug/L	1		8015B	Total/NA
C13-C14	130		49	17	ug/L	1		8015B	Total/NA
C15-C16	190		49	17	ug/L	1		8015B	Total/NA
C17-C18	150		49	17	ug/L	1		8015B	Total/NA
C19-C20	110		49	17	ug/L	1		8015B	Total/NA
C21-C22	92		49	17	ug/L	1		8015B	Total/NA
C23-C24	200		49	17	ug/L	1		8015B	Total/NA
C25-C28	620		49	17	ug/L	1		8015B	Total/NA
C29-C32	530		49	17	ug/L	1		8015B	Total/NA
C33-C36	250		49	17	ug/L	1		8015B	Total/NA
C37-C40	70		49	17	ug/L	1		8015B	Total/NA
C6-C44	2400		49	17	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	1600		49	17	ug/L	1		8015B	Total/NA
Chloride	19000		400		mg/L	400		300.0	Total/NA
Chromium, hexavalent	2.6		2.0		ug/L	2		7199	Total/NA
Sulfur	33.9		0.250		mg/L	1		6010B	Total/NA
Antimony	0.206		0.100		mg/L	1		6010B	Total/NA
Barium	5.87		0.0100		mg/L	1		6010B	Total/NA
Boron	1.97		0.500		mg/L	1		6010B	Total/NA
Calcium	7330		20.0		mg/L	10		6010B	Total/NA
Iron	0.703		0.500		mg/L	1		6010B	Total/NA
Magnesium	218		0.500		mg/L	1		6010B	Total/NA
Manganese	13.1		0.0500		mg/L	1		6010B	Total/NA
Potassium	1630		20.0		mg/L	10		6010B	Total/NA
Silicon	10.7		0.250		mg/L	1		6010B	Total/NA
Sodium	810		20.0		mg/L	10		6010B	Total/NA

Client Sample ID: EB

Lab Sample ID: 570-34864-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2,2,4-Trimethylpentane	4.9	J	10	0.82	ug/L	1		8260B	Total/NA
Bromodichloromethane	3.6		1.0	0.23	ug/L	1		8260B	Total/NA
Bromoform	5.5		5.0	1.8	ug/L	1		8260B	Total/NA
Carbon tetrachloride	0.26	J	0.50	0.23	ug/L	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EB (Continued) — Lab Sample ID: 570-34864-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	8.5		1.0	0.18	ug/L	1		8260B	Total/NA
Dibromochloromethane	5.8		2.0	0.46	ug/L	1		8260B	Total/NA
Dibromomethane	1.2		1.0	0.30	ug/L	1		8260B	Total/NA
C6-C44	53		50	17	ug/L	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	31	J	50	17	ug/L	1		8015B	Total/NA
Silicon	3.03		0.250		mg/L	1		6010B	Total/NA
Sodium	116		2.00		mg/L	1		6010B	Total/NA

Client Sample ID: TB-1 — Lab Sample ID: 570-34864-5

No Detections.

Client Sample ID: TB-2 — Lab Sample ID: 570-34864-6

No Detections.

Client Sample ID: TB-3 — Lab Sample ID: 570-34864-7

No Detections.

Client Sample ID: TB-4 — Lab Sample ID: 570-34864-8

No Detections.

Client Sample ID: TB-5 — Lab Sample ID: 570-34864-9

No Detections.

Client Sample ID: TB-6 — Lab Sample ID: 570-34864-10

No Detections.

Client Sample ID: PT1419-1-0.5 — Lab Sample ID: 570-34864-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	11	J	29	5.5	ug/Kg	1		8260B	Total/NA
Acetone	110		73	9.1	ug/Kg	1		8260B	Total/NA
Benzene	0.45	J	1.5	0.19	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.70	J	1.5	0.22	ug/Kg	1		8260B	Total/NA
Hexane	1.0	J	7.3	0.54	ug/Kg	1		8260B	Total/NA
Isopropanol	53	J	150	41	ug/Kg	1		8260B	Total/NA
Toluene	1.1	J	1.5	0.75	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.0039	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.0052	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.0031	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.013	J	0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.0047	J	0.020	0.0027	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.011	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0058	J	0.020	0.0033	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.021		0.020	0.0016	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.0093	J	0.020	0.0021	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.049		0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.0037	J	0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.0068	J	0.020	0.0025	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.0024	J	0.020	0.0016	mg/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT1419-1-0.5 (Continued)

Lab Sample ID: 570-34864-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.074		0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.035		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
C17-C18	5.0		4.9	3.5	mg/Kg	1		8015B	Total/NA
C19-C20	8.1		4.9	3.5	mg/Kg	1		8015B	Total/NA
C21-C22	11		4.9	3.5	mg/Kg	1		8015B	Total/NA
C23-C24	13		4.9	3.5	mg/Kg	1		8015B	Total/NA
C25-C28	42		4.9	3.5	mg/Kg	1		8015B	Total/NA
C29-C32	71		4.9	3.5	mg/Kg	1		8015B	Total/NA
C33-C36	33		4.9	3.5	mg/Kg	1		8015B	Total/NA
C37-C40	8.3		4.9	3.5	mg/Kg	1		8015B	Total/NA
C6-C44	190		4.9	3.5	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	81		4.9	3.5	mg/Kg	1		8015B	Total/NA
Chromium, hexavalent	440		400		ug/Kg	10		7199	Total/NA
Aluminum	7170		2.44	0.349	mg/Kg	1		6010B	Total/NA
Sulfur	152	B	4.88	0.779	mg/Kg	1		6010B	Total/NA
Arsenic	8.17		0.732	0.253	mg/Kg	1		6010B	Total/NA
Barium	220		0.488	0.150	mg/Kg	1		6010B	Total/NA
Beryllium	1.24		0.244	0.134	mg/Kg	1		6010B	Total/NA
Cadmium	8.65		0.488	0.132	mg/Kg	1		6010B	Total/NA
Calcium	19200		4.88	0.372	mg/Kg	1		6010B	Total/NA
Chromium	22.3		0.244	0.139	mg/Kg	1		6010B	Total/NA
Cobalt	8.41		0.244	0.144	mg/Kg	1		6010B	Total/NA
Copper	44.4		0.488	0.132	mg/Kg	1		6010B	Total/NA
Iron	19200		4.88	0.130	mg/Kg	1		6010B	Total/NA
Lead	5.62		0.488	0.129	mg/Kg	1		6010B	Total/NA
Magnesium	4680		4.88	0.165	mg/Kg	1		6010B	Total/NA
Manganese	276		0.244	0.136	mg/Kg	1		6010B	Total/NA
Molybdenum	25.8		0.244	0.129	mg/Kg	1		6010B	Total/NA
Nickel	86.4		0.244	0.141	mg/Kg	1		6010B	Total/NA
Phosphorus	1760	B	4.88	0.244	mg/Kg	1		6010B	Total/NA
Potassium	2880		24.4	1.71	mg/Kg	1		6010B	Total/NA
Silicon	94.3	F1	4.88	1.29	mg/Kg	1		6010B	Total/NA
Silver	0.132	J	0.244	0.0836	mg/Kg	1		6010B	Total/NA
Sodium	346	B	24.4	1.78	mg/Kg	1		6010B	Total/NA
Strontium	74.7	F1	1.46	0.135	mg/Kg	1		6010B	Total/NA
Titanium	254		1.46	0.135	mg/Kg	1		6010B	Total/NA
Vanadium	113		0.244	0.138	mg/Kg	1		6010B	Total/NA
Zinc	128		0.976	0.174	mg/Kg	1		6010B	Total/NA
Mercury	0.0671	J F1	0.0806	0.0131	mg/Kg	1		7471A	Total/NA

Client Sample ID: PT1419-2-1.5

Lab Sample ID: 570-34864-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	53	J	62	7.7	ug/Kg	1		8260B	Total/NA
Benzene	0.62	J	1.2	0.16	ug/Kg	1		8260B	Total/NA
Ethylbenzene	1.2		1.2	0.19	ug/Kg	1		8260B	Total/NA
Hexane	1.4	J	6.2	0.45	ug/Kg	1		8260B	Total/NA
Isopropanol	150		120	34	ug/Kg	1		8260B	Total/NA
Toluene	1.4		1.2	0.64	ug/Kg	1		8260B	Total/NA
Anthracene	0.0028	J	0.020	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.014	J	0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT1419-2-1.5 (Continued)

Lab Sample ID: 570-34864-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.0063	J	0.020	0.0027	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.0041	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.011	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0082	J	0.020	0.0032	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.018	J	0.020	0.0016	mg/Kg	1		8270C SIM	Total/NA
Dibenz(a,h)anthracene	0.0056	J	0.020	0.0021	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.018	J	0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.0053	J	0.020	0.0025	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.016	J	0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.021		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
C17-C18	5.4		5.0	3.6	mg/Kg	1		8015B	Total/NA
C19-C20	11		5.0	3.6	mg/Kg	1		8015B	Total/NA
C21-C22	19		5.0	3.6	mg/Kg	1		8015B	Total/NA
C23-C24	29		5.0	3.6	mg/Kg	1		8015B	Total/NA
C25-C28	96		5.0	3.6	mg/Kg	1		8015B	Total/NA
C29-C32	120		5.0	3.6	mg/Kg	1		8015B	Total/NA
C33-C36	39		5.0	3.6	mg/Kg	1		8015B	Total/NA
C37-C40	8.6		5.0	3.6	mg/Kg	1		8015B	Total/NA
C6-C44	330		5.0	3.6	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	160		5.0	3.6	mg/Kg	1		8015B	Total/NA
Aluminum	7100		2.46	0.353	mg/Kg	1		6010B	Total/NA
Sulfur	159	B	4.93	0.786	mg/Kg	1		6010B	Total/NA
Arsenic	7.28		0.739	0.255	mg/Kg	1		6010B	Total/NA
Barium	200		0.493	0.152	mg/Kg	1		6010B	Total/NA
Beryllium	1.10		0.246	0.135	mg/Kg	1		6010B	Total/NA
Cadmium	7.60		0.493	0.133	mg/Kg	1		6010B	Total/NA
Calcium	19100		4.93	0.375	mg/Kg	1		6010B	Total/NA
Chromium	22.6		0.246	0.140	mg/Kg	1		6010B	Total/NA
Cobalt	7.32		0.246	0.146	mg/Kg	1		6010B	Total/NA
Copper	42.4		0.493	0.133	mg/Kg	1		6010B	Total/NA
Iron	17600		4.93	0.131	mg/Kg	1		6010B	Total/NA
Lead	4.26		0.493	0.130	mg/Kg	1		6010B	Total/NA
Magnesium	5550		4.93	0.167	mg/Kg	1		6010B	Total/NA
Manganese	244		0.246	0.137	mg/Kg	1		6010B	Total/NA
Molybdenum	17.5		0.246	0.130	mg/Kg	1		6010B	Total/NA
Nickel	80.6		0.246	0.143	mg/Kg	1		6010B	Total/NA
Phosphorus	1630	B	4.93	0.246	mg/Kg	1		6010B	Total/NA
Potassium	2650		24.6	1.72	mg/Kg	1		6010B	Total/NA
Silicon	101		4.93	1.30	mg/Kg	1		6010B	Total/NA
Sodium	391	B	24.6	1.79	mg/Kg	1		6010B	Total/NA
Strontium	76.2		1.48	0.136	mg/Kg	1		6010B	Total/NA
Titanium	260		1.48	0.136	mg/Kg	1		6010B	Total/NA
Vanadium	102		0.246	0.139	mg/Kg	1		6010B	Total/NA
Zinc	120		0.985	0.175	mg/Kg	1		6010B	Total/NA
Mercury	0.0502	J	0.0833	0.0135	mg/Kg	1		7471A	Total/NA

Client Sample ID: PT1419-2-1.5D

Lab Sample ID: 570-34864-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.6	J	30	5.6	ug/Kg	1		8260B	Total/NA
Acetone	67	J	75	9.3	ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT1419-2-1.5D (Continued)

Lab Sample ID: 570-34864-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.74	J	1.5	0.19	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.94	J	1.5	0.23	ug/Kg	1		8260B	Total/NA
Hexane	1.1	J	7.5	0.55	ug/Kg	1		8260B	Total/NA
Isopropanol	85	J	150	41	ug/Kg	1		8260B	Total/NA
m,p-Xylene	0.41	J	3.0	0.40	ug/Kg	1		8260B	Total/NA
Toluene	1.4	J	1.5	0.77	ug/Kg	1		8260B	Total/NA
Anthracene	0.0017	J	0.020	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.0078	J	0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.0057	J	0.020	0.0027	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.0067	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.015	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0058	J	0.020	0.0032	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.012	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.010	J	0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.012	J	0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.014	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
C17-C18	3.9	J	5.0	3.5	mg/Kg	1		8015B	Total/NA
C19-C20	8.0		5.0	3.5	mg/Kg	1		8015B	Total/NA
C21-C22	13		5.0	3.5	mg/Kg	1		8015B	Total/NA
C23-C24	19		5.0	3.5	mg/Kg	1		8015B	Total/NA
C25-C28	63		5.0	3.5	mg/Kg	1		8015B	Total/NA
C29-C32	79		5.0	3.5	mg/Kg	1		8015B	Total/NA
C33-C36	28		5.0	3.5	mg/Kg	1		8015B	Total/NA
C37-C40	8.1		5.0	3.5	mg/Kg	1		8015B	Total/NA
C41-C44	4.0	J	5.0	3.5	mg/Kg	1		8015B	Total/NA
C6-C44	230		5.0	3.5	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	110		5.0	3.5	mg/Kg	1		8015B	Total/NA
Aluminum	7090		2.51	0.360	mg/Kg	1		6010B	Total/NA
Sulfur	160	B	5.03	0.802	mg/Kg	1		6010B	Total/NA
Arsenic	7.16		0.754	0.260	mg/Kg	1		6010B	Total/NA
Barium	230		0.503	0.155	mg/Kg	1		6010B	Total/NA
Beryllium	1.08		0.251	0.138	mg/Kg	1		6010B	Total/NA
Cadmium	7.36		0.503	0.136	mg/Kg	1		6010B	Total/NA
Calcium	23700		5.03	0.383	mg/Kg	1		6010B	Total/NA
Chromium	21.7		0.251	0.143	mg/Kg	1		6010B	Total/NA
Cobalt	8.11		0.251	0.149	mg/Kg	1		6010B	Total/NA
Copper	41.6		0.503	0.136	mg/Kg	1		6010B	Total/NA
Iron	17300		5.03	0.134	mg/Kg	1		6010B	Total/NA
Lead	5.39		0.503	0.133	mg/Kg	1		6010B	Total/NA
Magnesium	8130		5.03	0.170	mg/Kg	1		6010B	Total/NA
Manganese	254		0.251	0.140	mg/Kg	1		6010B	Total/NA
Molybdenum	16.8		0.251	0.133	mg/Kg	1		6010B	Total/NA
Nickel	80.3		0.251	0.146	mg/Kg	1		6010B	Total/NA
Phosphorus	1630	B	5.03	0.251	mg/Kg	1		6010B	Total/NA
Potassium	2760		25.1	1.76	mg/Kg	1		6010B	Total/NA
Silicon	87.4		5.03	1.33	mg/Kg	1		6010B	Total/NA
Sodium	427	B	25.1	1.83	mg/Kg	1		6010B	Total/NA
Strontium	89.1		1.51	0.139	mg/Kg	1		6010B	Total/NA
Titanium	242		1.51	0.139	mg/Kg	1		6010B	Total/NA
Vanadium	99.4		0.251	0.142	mg/Kg	1		6010B	Total/NA
Zinc	118		1.01	0.179	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT1419-2-1.5D (Continued)

Lab Sample ID: 570-34864-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0450	J	0.0820	0.0133	mg/Kg	1		7471A	Total/NA

Client Sample ID: PT1419-3-3.0

Lab Sample ID: 570-34864-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	44	J	52	6.5	ug/Kg	1		8260B	Total/NA
Benzene	1.4		1.0	0.13	ug/Kg	1		8260B	Total/NA
Carbon disulfide	1.5	J	10	0.32	ug/Kg	1		8260B	Total/NA
Ethylbenzene	1.0		1.0	0.16	ug/Kg	1		8260B	Total/NA
Hexane	2.0	J	5.2	0.38	ug/Kg	1		8260B	Total/NA
m,p-Xylene	0.61	J	2.1	0.28	ug/Kg	1		8260B	Total/NA
Toluene	1.9		1.0	0.53	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.0055	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.011	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.0052	J	0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.0040	J	0.020	0.0027	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.0054	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.0085	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.0083	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.0050	J	0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Indeno[1,2,3-cd]pyrene	0.0056	J	0.020	0.0025	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.0090	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.0051	J	0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.0069	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
C17-C18	5.4		4.7	3.3	mg/Kg	1		8015B	Total/NA
C19-C20	9.7		4.7	3.3	mg/Kg	1		8015B	Total/NA
C21-C22	9.9		4.7	3.3	mg/Kg	1		8015B	Total/NA
C23-C24	7.9		4.7	3.3	mg/Kg	1		8015B	Total/NA
C25-C28	21		4.7	3.3	mg/Kg	1		8015B	Total/NA
C29-C32	30		4.7	3.3	mg/Kg	1		8015B	Total/NA
C33-C36	21		4.7	3.3	mg/Kg	1		8015B	Total/NA
C37-C40	8.0		4.7	3.3	mg/Kg	1		8015B	Total/NA
C6-C44	120		4.7	3.3	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	55	F2 F1	4.7	3.3	mg/Kg	1		8015B	Total/NA
Aluminum	4070		2.53	0.362	mg/Kg	1		6010B	Total/NA
Sulfur	1050	B	5.05	0.806	mg/Kg	1		6010B	Total/NA
Arsenic	6.24		0.758	0.262	mg/Kg	1		6010B	Total/NA
Barium	246		0.505	0.156	mg/Kg	1		6010B	Total/NA
Beryllium	0.580		0.253	0.138	mg/Kg	1		6010B	Total/NA
Cadmium	4.48		0.505	0.136	mg/Kg	1		6010B	Total/NA
Calcium	13400		5.05	0.385	mg/Kg	1		6010B	Total/NA
Chromium	10.8		0.253	0.143	mg/Kg	1		6010B	Total/NA
Cobalt	4.45		0.253	0.149	mg/Kg	1		6010B	Total/NA
Copper	19.2		0.505	0.136	mg/Kg	1		6010B	Total/NA
Iron	10200		5.05	0.134	mg/Kg	1		6010B	Total/NA
Lead	3.76		0.505	0.133	mg/Kg	1		6010B	Total/NA
Magnesium	2220		5.05	0.171	mg/Kg	1		6010B	Total/NA
Manganese	187		0.253	0.140	mg/Kg	1		6010B	Total/NA
Molybdenum	10.2		0.253	0.133	mg/Kg	1		6010B	Total/NA
Nickel	37.1		0.253	0.146	mg/Kg	1		6010B	Total/NA
Phosphorus	820	B	5.05	0.253	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT1419-3-3.0 (Continued)

Lab Sample ID: 570-34864-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1510		25.3	1.77	mg/Kg	1		6010B	Total/NA
Silicon	77.6		5.05	1.33	mg/Kg	1		6010B	Total/NA
Sodium	273	B	25.3	1.84	mg/Kg	1		6010B	Total/NA
Strontium	42.7		1.52	0.139	mg/Kg	1		6010B	Total/NA
Titanium	144		1.52	0.139	mg/Kg	1		6010B	Total/NA
Vanadium	48.2		0.253	0.142	mg/Kg	1		6010B	Total/NA
Zinc	64.7		1.01	0.180	mg/Kg	1		6010B	Total/NA
Mercury	0.0303	J	0.0862	0.0140	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1604-1-0.5

Lab Sample ID: 570-34864-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	7.5	J	19	3.7	ug/Kg	1		8260B	Total/NA
Acetone	59		48	6.0	ug/Kg	1		8260B	Total/NA
Benzene	0.31	J	0.97	0.13	ug/Kg	1		8260B	Total/NA
Chloromethane	0.44	J	19	0.29	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.24	J	0.97	0.15	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.0031	J	0.040	0.0029	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.0065	J	0.040	0.0029	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.018	J	0.040	0.0027	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	0.0055	J	0.040	0.0044	mg/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.080	0.012	mg/Kg	4		8270C SIM	Total/NA
Chrysene	0.017	J	0.040	0.0031	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.0048	J	0.040	0.0031	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	0.012	J	0.040	0.0033	mg/Kg	2		8270C SIM	Total/NA
Pyrene	0.0053	J	0.040	0.0030	mg/Kg	2		8270C SIM	Total/NA
C13-C14	8.0		4.8	3.4	mg/Kg	1		8015B	Total/NA
C15-C16	19		4.8	3.4	mg/Kg	1		8015B	Total/NA
C17-C18	39		4.8	3.4	mg/Kg	1		8015B	Total/NA
C19-C20	52		4.8	3.4	mg/Kg	1		8015B	Total/NA
C21-C22	38		4.8	3.4	mg/Kg	1		8015B	Total/NA
C23-C24	30		4.8	3.4	mg/Kg	1		8015B	Total/NA
C25-C28	70		4.8	3.4	mg/Kg	1		8015B	Total/NA
C29-C32	70		4.8	3.4	mg/Kg	1		8015B	Total/NA
C33-C36	22		4.8	3.4	mg/Kg	1		8015B	Total/NA
C37-C40	5.0		4.8	3.4	mg/Kg	1		8015B	Total/NA
C6-C44	350		4.8	3.4	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	260		4.8	3.4	mg/Kg	1		8015B	Total/NA
Aluminum	4210		2.46	0.353	mg/Kg	1		6010B	Total/NA
Sulfur	403	B	4.93	0.786	mg/Kg	1		6010B	Total/NA
Arsenic	5.47		0.739	0.255	mg/Kg	1		6010B	Total/NA
Barium	1160		0.493	0.152	mg/Kg	1		6010B	Total/NA
Beryllium	0.634		0.246	0.135	mg/Kg	1		6010B	Total/NA
Cadmium	3.98		0.493	0.133	mg/Kg	1		6010B	Total/NA
Calcium	11000		4.93	0.375	mg/Kg	1		6010B	Total/NA
Chromium	12.7		0.246	0.140	mg/Kg	1		6010B	Total/NA
Cobalt	3.59		0.246	0.146	mg/Kg	1		6010B	Total/NA
Copper	28.8		0.493	0.133	mg/Kg	1		6010B	Total/NA
Iron	11700		4.93	0.131	mg/Kg	1		6010B	Total/NA
Lead	8.64		0.493	0.130	mg/Kg	1		6010B	Total/NA
Magnesium	2390		4.93	0.167	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1604-1-0.5 (Continued)

Lab Sample ID: 570-34864-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	191		0.246	0.137	mg/Kg	1		6010B	Total/NA
Molybdenum	10.2		0.246	0.130	mg/Kg	1		6010B	Total/NA
Nickel	40.9		0.246	0.143	mg/Kg	1		6010B	Total/NA
Phosphorus	1480	B	4.93	0.246	mg/Kg	1		6010B	Total/NA
Potassium	2210		24.6	1.72	mg/Kg	1		6010B	Total/NA
Silicon	116		4.93	1.30	mg/Kg	1		6010B	Total/NA
Sodium	372	B	24.6	1.79	mg/Kg	1		6010B	Total/NA
Strontium	82.1		1.48	0.136	mg/Kg	1		6010B	Total/NA
Titanium	248		1.48	0.136	mg/Kg	1		6010B	Total/NA
Vanadium	57.4		0.246	0.139	mg/Kg	1		6010B	Total/NA
Zinc	77.8		0.985	0.175	mg/Kg	1		6010B	Total/NA
Mercury	0.156		0.0847	0.0137	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1604-2-1.5

Lab Sample ID: 570-34864-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	14	J	21	4.0	ug/Kg	1		8260B	Total/NA
Acetone	120		52	6.5	ug/Kg	1		8260B	Total/NA
Benzene	0.50	J	1.0	0.14	ug/Kg	1		8260B	Total/NA
Chloromethane	1.0	J	21	0.32	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.45	J	1.0	0.16	ug/Kg	1		8260B	Total/NA
Hexane	0.43	J	5.2	0.39	ug/Kg	1		8260B	Total/NA
Isopropanol	44	J	100	29	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	5.6	J	21	5.4	ug/Kg	1		8260B	Total/NA
Toluene	0.75	J	1.0	0.54	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.020		0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.039		0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.021		0.020	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.0083	J	0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.0044	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0037	J	0.020	0.0032	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.034		0.020	0.0016	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.0058	J	0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.047		0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.011	J	0.020	0.0016	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.51		0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.032		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.79	J *1	1.0	0.14	mg/Kg	2		8270C	Total/NA
C11-C12	4.7	J	5.0	3.6	mg/Kg	1		8015B	Total/NA
C13-C14	26		5.0	3.6	mg/Kg	1		8015B	Total/NA
C15-C16	61		5.0	3.6	mg/Kg	1		8015B	Total/NA
C17-C18	130		5.0	3.6	mg/Kg	1		8015B	Total/NA
C19-C20	170		5.0	3.6	mg/Kg	1		8015B	Total/NA
C21-C22	120		5.0	3.6	mg/Kg	1		8015B	Total/NA
C23-C24	81		5.0	3.6	mg/Kg	1		8015B	Total/NA
C25-C28	150		5.0	3.6	mg/Kg	1		8015B	Total/NA
C29-C32	130		5.0	3.6	mg/Kg	1		8015B	Total/NA
C33-C36	38		5.0	3.6	mg/Kg	1		8015B	Total/NA
C37-C40	8.3		5.0	3.6	mg/Kg	1		8015B	Total/NA
C41-C44	4.3	J	5.0	3.6	mg/Kg	1		8015B	Total/NA
C6-C44	920		5.0	3.6	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1604-2-1.5 (Continued)

Lab Sample ID: 570-34864-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	740		5.0	3.6	mg/Kg	1		8015B	Total/NA
Aluminum	4250		2.49	0.356	mg/Kg	1		6010B	Total/NA
Sulfur	535	B	4.98	0.794	mg/Kg	1		6010B	Total/NA
Arsenic	5.75		0.746	0.258	mg/Kg	1		6010B	Total/NA
Barium	971		0.498	0.153	mg/Kg	1		6010B	Total/NA
Beryllium	0.605		0.249	0.136	mg/Kg	1		6010B	Total/NA
Boron	1.37	J B	1.99	0.447	mg/Kg	1		6010B	Total/NA
Cadmium	4.38		0.498	0.134	mg/Kg	1		6010B	Total/NA
Calcium	12300		4.98	0.379	mg/Kg	1		6010B	Total/NA
Chromium	13.1		0.249	0.141	mg/Kg	1		6010B	Total/NA
Cobalt	3.56		0.249	0.147	mg/Kg	1		6010B	Total/NA
Copper	25.8		0.498	0.134	mg/Kg	1		6010B	Total/NA
Iron	11000		4.98	0.132	mg/Kg	1		6010B	Total/NA
Lead	13.7		0.498	0.131	mg/Kg	1		6010B	Total/NA
Magnesium	2510		4.98	0.168	mg/Kg	1		6010B	Total/NA
Manganese	163		0.249	0.138	mg/Kg	1		6010B	Total/NA
Molybdenum	9.39		0.249	0.131	mg/Kg	1		6010B	Total/NA
Nickel	40.6		0.249	0.144	mg/Kg	1		6010B	Total/NA
Phosphorus	1130	B	4.98	0.249	mg/Kg	1		6010B	Total/NA
Potassium	2160		24.9	1.74	mg/Kg	1		6010B	Total/NA
Silicon	103		4.98	1.31	mg/Kg	1		6010B	Total/NA
Sodium	475	B	24.9	1.81	mg/Kg	1		6010B	Total/NA
Strontium	116		1.49	0.137	mg/Kg	1		6010B	Total/NA
Titanium	214		1.49	0.137	mg/Kg	1		6010B	Total/NA
Vanadium	54.5		0.249	0.140	mg/Kg	1		6010B	Total/NA
Zinc	78.2		0.995	0.177	mg/Kg	1		6010B	Total/NA
Mercury	0.176		0.0877	0.0142	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1604-3-3.0

Lab Sample ID: 570-34864-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.8	J	17	3.2	ug/Kg	1		8260B	Total/NA
Acetone	70		42	5.2	ug/Kg	1		8260B	Total/NA
Benzene	0.29	J	0.84	0.11	ug/Kg	1		8260B	Total/NA
Chloromethane	0.29	J	17	0.25	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.25	J	0.84	0.13	ug/Kg	1		8260B	Total/NA
Hexane	0.32	J	4.2	0.31	ug/Kg	1		8260B	Total/NA
Isopropanol	51	J	84	23	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	5.4	J	17	4.3	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.0075	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.012	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.015	J	0.020	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.0097	J	0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.011	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0057	J	0.020	0.0032	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.028		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.0058	J	0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Fluorene	0.037		0.020	0.0016	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.0048	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.41		0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.025		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1604-3-3.0 (Continued)

Lab Sample ID: 570-34864-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.68	J *1	0.99	0.14	mg/Kg	2		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.11	Z	0.091		mg/Kg	1		8015B	Total/NA
C13-C14	5.8		5.1	3.6	mg/Kg	1		8015B	Total/NA
C15-C16	14		5.1	3.6	mg/Kg	1		8015B	Total/NA
C17-C18	29		5.1	3.6	mg/Kg	1		8015B	Total/NA
C19-C20	41		5.1	3.6	mg/Kg	1		8015B	Total/NA
C21-C22	33		5.1	3.6	mg/Kg	1		8015B	Total/NA
C23-C24	22		5.1	3.6	mg/Kg	1		8015B	Total/NA
C25-C28	44		5.1	3.6	mg/Kg	1		8015B	Total/NA
C29-C32	40		5.1	3.6	mg/Kg	1		8015B	Total/NA
C33-C36	13		5.1	3.6	mg/Kg	1		8015B	Total/NA
C37-C40	4.4	J	5.1	3.6	mg/Kg	1		8015B	Total/NA
C6-C44	250		5.1	3.6	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	190		5.1	3.6	mg/Kg	1		8015B	Total/NA
Chromium, hexavalent	620		400		ug/Kg	10		7199	Total/NA
Aluminum	2860		2.55	0.365	mg/Kg	1		6010B	Total/NA
Sulfur	280	B	5.10	0.814	mg/Kg	1		6010B	Total/NA
Arsenic	4.17		0.765	0.264	mg/Kg	1		6010B	Total/NA
Barium	772		0.510	0.157	mg/Kg	1		6010B	Total/NA
Beryllium	0.405		0.255	0.140	mg/Kg	1		6010B	Total/NA
Cadmium	3.16		0.510	0.138	mg/Kg	1		6010B	Total/NA
Calcium	11200		5.10	0.389	mg/Kg	1		6010B	Total/NA
Chromium	9.44		0.255	0.145	mg/Kg	1		6010B	Total/NA
Cobalt	2.43		0.255	0.151	mg/Kg	1		6010B	Total/NA
Copper	17.8		0.510	0.138	mg/Kg	1		6010B	Total/NA
Iron	7720		5.10	0.136	mg/Kg	1		6010B	Total/NA
Lead	8.38		0.510	0.135	mg/Kg	1		6010B	Total/NA
Magnesium	1680		5.10	0.172	mg/Kg	1		6010B	Total/NA
Manganese	106		0.255	0.142	mg/Kg	1		6010B	Total/NA
Molybdenum	6.64		0.255	0.135	mg/Kg	1		6010B	Total/NA
Nickel	26.9		0.255	0.148	mg/Kg	1		6010B	Total/NA
Phosphorus	810	B	5.10	0.255	mg/Kg	1		6010B	Total/NA
Potassium	1460		25.5	1.79	mg/Kg	1		6010B	Total/NA
Silicon	110		5.10	1.35	mg/Kg	1		6010B	Total/NA
Sodium	272	B	25.5	1.86	mg/Kg	1		6010B	Total/NA
Strontium	65.9		1.53	0.141	mg/Kg	1		6010B	Total/NA
Titanium	182		1.53	0.141	mg/Kg	1		6010B	Total/NA
Vanadium	37.4		0.255	0.144	mg/Kg	1		6010B	Total/NA
Zinc	53.3		1.02	0.182	mg/Kg	1		6010B	Total/NA
Mercury	0.0639	J	0.0820	0.0133	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1515-1-0.5

Lab Sample ID: 570-34864-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	19	J	25	4.6	ug/Kg	1		8260B	Total/NA
Acetone	130		62	7.7	ug/Kg	1		8260B	Total/NA
Benzene	0.51	J	1.2	0.16	ug/Kg	1		8260B	Total/NA
Chloromethane	1.4	J	25	0.37	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.37	J	1.2	0.19	ug/Kg	1		8260B	Total/NA
Isopropanol	47	J	120	34	ug/Kg	1		8260B	Total/NA
n-Butylbenzene	2.7		1.2	0.19	ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1515-1-0.5 (Continued)

Lab Sample ID: 570-34864-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
p-Isopropyltoluene	1.0	J	1.2	0.78	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.025	J	0.040	0.0029	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.038	J	0.040	0.0029	mg/Kg	2		8270C SIM	Total/NA
Acenaphthene	0.015	J	0.040	0.0020	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.054		0.040	0.0027	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	0.025	J	0.040	0.0044	mg/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.011	J	0.040	0.0058	mg/Kg	2		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0083	J	0.040	0.0064	mg/Kg	2		8270C SIM	Total/NA
Chrysene	0.086		0.040	0.0031	mg/Kg	2		8270C SIM	Total/NA
Fluoranthene	0.022	J	0.040	0.0038	mg/Kg	2		8270C SIM	Total/NA
Fluorene	0.18		0.040	0.0033	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.0069	J	0.040	0.0031	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	3.0		0.040	0.0033	mg/Kg	2		8270C SIM	Total/NA
Pyrene	0.088		0.040	0.0030	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	2.9	*1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.37	Z	0.12		mg/Kg	1		8015B	Total/NA
C11-C12	37		25	18	mg/Kg	5		8015B	Total/NA
C13-C14	120		25	18	mg/Kg	5		8015B	Total/NA
C15-C16	190		25	18	mg/Kg	5		8015B	Total/NA
C17-C18	310		25	18	mg/Kg	5		8015B	Total/NA
C19-C20	350		25	18	mg/Kg	5		8015B	Total/NA
C21-C22	230		25	18	mg/Kg	5		8015B	Total/NA
C23-C24	140		25	18	mg/Kg	5		8015B	Total/NA
C25-C28	250		25	18	mg/Kg	5		8015B	Total/NA
C29-C32	210		25	18	mg/Kg	5		8015B	Total/NA
C33-C36	63		25	18	mg/Kg	5		8015B	Total/NA
C6-C44	1900		25	18	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	1600		25	18	mg/Kg	5		8015B	Total/NA
Aluminum	4150		2.51	0.360	mg/Kg	1		6010B	Total/NA
Sulfur	862	B	5.03	0.802	mg/Kg	1		6010B	Total/NA
Arsenic	5.88		0.754	0.260	mg/Kg	1		6010B	Total/NA
Barium	875		0.503	0.155	mg/Kg	1		6010B	Total/NA
Beryllium	0.662		0.251	0.138	mg/Kg	1		6010B	Total/NA
Boron	2.16	B	2.01	0.451	mg/Kg	1		6010B	Total/NA
Cadmium	4.94		0.503	0.136	mg/Kg	1		6010B	Total/NA
Calcium	15400		5.03	0.383	mg/Kg	1		6010B	Total/NA
Chromium	13.0		0.251	0.143	mg/Kg	1		6010B	Total/NA
Cobalt	6.06		0.251	0.149	mg/Kg	1		6010B	Total/NA
Copper	27.2		0.503	0.136	mg/Kg	1		6010B	Total/NA
Iron	11900		5.03	0.134	mg/Kg	1		6010B	Total/NA
Lead	8.52		0.503	0.133	mg/Kg	1		6010B	Total/NA
Magnesium	2360		5.03	0.170	mg/Kg	1		6010B	Total/NA
Manganese	340		0.251	0.140	mg/Kg	1		6010B	Total/NA
Molybdenum	10.2		0.251	0.133	mg/Kg	1		6010B	Total/NA
Nickel	57.7		0.251	0.146	mg/Kg	1		6010B	Total/NA
Phosphorus	1040	B	5.03	0.251	mg/Kg	1		6010B	Total/NA
Potassium	2060		25.1	1.76	mg/Kg	1		6010B	Total/NA
Silicon	99.8		5.03	1.33	mg/Kg	1		6010B	Total/NA
Sodium	578	B	25.1	1.83	mg/Kg	1		6010B	Total/NA
Strontium	144		1.51	0.139	mg/Kg	1		6010B	Total/NA
Titanium	203		1.51	0.139	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1515-1-0.5 (Continued)

Lab Sample ID: 570-34864-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	61.0		0.251	0.142	mg/Kg	1		6010B	Total/NA
Zinc	78.4		1.01	0.179	mg/Kg	1		6010B	Total/NA
Mercury	0.279		0.0794	0.0129	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1515-2-1.5

Lab Sample ID: 570-34864-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	21	J	39	7.4	ug/Kg	1		8260B	Total/NA
Acetone	150		98	12	ug/Kg	1		8260B	Total/NA
Benzene	0.71	J	2.0	0.25	ug/Kg	1		8260B	Total/NA
Chloromethane	0.86	J	39	0.60	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.56	J	2.0	0.30	ug/Kg	1		8260B	Total/NA
Isopropanol	200		200	55	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	13	J	39	10	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.14		0.040	0.0029	mg/Kg	2		8270C SIM	Total/NA
2-Methylnaphthalene	0.23		0.040	0.0029	mg/Kg	2		8270C SIM	Total/NA
Acenaphthene	0.032	J	0.040	0.0020	mg/Kg	2		8270C SIM	Total/NA
Anthracene	0.055		0.040	0.0027	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]anthracene	0.023	J	0.040	0.0044	mg/Kg	2		8270C SIM	Total/NA
Benzo[a]pyrene	0.0097	J	0.040	0.0054	mg/Kg	2		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.0082	J	0.040	0.0058	mg/Kg	2		8270C SIM	Total/NA
Benzo[g,h,i]perylene	0.019	J	0.080	0.012	mg/Kg	4		8270C SIM	Total/NA
Chrysene	0.090		0.040	0.0031	mg/Kg	2		8270C SIM	Total/NA
Fluoranthene	0.015	J	0.040	0.0038	mg/Kg	2		8270C SIM	Total/NA
Fluorene	0.10		0.040	0.0033	mg/Kg	2		8270C SIM	Total/NA
Naphthalene	0.022	J	0.040	0.0031	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	2.3		0.040	0.0033	mg/Kg	2		8270C SIM	Total/NA
Pyrene	0.086		0.040	0.0030	mg/Kg	2		8270C SIM	Total/NA
Phenanthrene	2.1	*1	2.0	0.27	mg/Kg	2		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.43	Z	0.11		mg/Kg	1		8015B	Total/NA
C11-C12	71		26	18	mg/Kg	5		8015B	Total/NA
C13-C14	300		26	18	mg/Kg	5		8015B	Total/NA
C15-C16	420		26	18	mg/Kg	5		8015B	Total/NA
C17-C18	630		26	18	mg/Kg	5		8015B	Total/NA
C19-C20	690		26	18	mg/Kg	5		8015B	Total/NA
C21-C22	490		26	18	mg/Kg	5		8015B	Total/NA
C23-C24	460		26	18	mg/Kg	5		8015B	Total/NA
C25-C28	1400		26	18	mg/Kg	5		8015B	Total/NA
C29-C32	1200		26	18	mg/Kg	5		8015B	Total/NA
C33-C36	350		26	18	mg/Kg	5		8015B	Total/NA
C37-C40	66		26	18	mg/Kg	5		8015B	Total/NA
C41-C44	29		26	18	mg/Kg	5		8015B	Total/NA
C6-C44	6100		26	18	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	4400		26	18	mg/Kg	5		8015B	Total/NA
Aluminum	5220		2.54	0.363	mg/Kg	1		6010B	Total/NA
Sulfur	444	B	5.08	0.810	mg/Kg	1		6010B	Total/NA
Arsenic	6.33		0.761	0.263	mg/Kg	1		6010B	Total/NA
Barium	1040		0.508	0.156	mg/Kg	1		6010B	Total/NA
Beryllium	0.835		0.254	0.139	mg/Kg	1		6010B	Total/NA
Boron	1.38	J B	2.03	0.456	mg/Kg	1		6010B	Total/NA
Cadmium	6.48		0.508	0.137	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1515-2-1.5 (Continued)

Lab Sample ID: 570-34864-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	15300		5.08	0.387	mg/Kg	1		6010B	Total/NA
Chromium	16.9		0.254	0.144	mg/Kg	1		6010B	Total/NA
Cobalt	4.30		0.254	0.150	mg/Kg	1		6010B	Total/NA
Copper	33.5		0.508	0.137	mg/Kg	1		6010B	Total/NA
Iron	13800		5.08	0.135	mg/Kg	1		6010B	Total/NA
Lead	18.3		0.508	0.134	mg/Kg	1		6010B	Total/NA
Magnesium	2760		5.08	0.172	mg/Kg	1		6010B	Total/NA
Manganese	209		0.254	0.141	mg/Kg	1		6010B	Total/NA
Molybdenum	11.9		0.254	0.134	mg/Kg	1		6010B	Total/NA
Nickel	55.9		0.254	0.147	mg/Kg	1		6010B	Total/NA
Phosphorus	1510	B	5.08	0.254	mg/Kg	1		6010B	Total/NA
Potassium	2550		25.4	1.78	mg/Kg	1		6010B	Total/NA
Silicon	77.5		5.08	1.34	mg/Kg	1		6010B	Total/NA
Sodium	659	B	25.4	1.85	mg/Kg	1		6010B	Total/NA
Strontium	149		1.52	0.140	mg/Kg	1		6010B	Total/NA
Titanium	231		1.52	0.140	mg/Kg	1		6010B	Total/NA
Vanadium	76.1		0.254	0.143	mg/Kg	1		6010B	Total/NA
Zinc	94.1		1.02	0.181	mg/Kg	1		6010B	Total/NA
Mercury	0.386		0.0820	0.0133	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1515-3-3.0

Lab Sample ID: 570-34864-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	10	J	21	4.0	ug/Kg	1		8260B	Total/NA
Acetone	99		53	6.7	ug/Kg	1		8260B	Total/NA
Benzene	0.46	J	1.1	0.14	ug/Kg	1		8260B	Total/NA
Chloromethane	0.82	J	21	0.32	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.30	J	1.1	0.16	ug/Kg	1		8260B	Total/NA
Isopropanol	42	J	110	30	ug/Kg	1		8260B	Total/NA
Toluene	0.60	J	1.1	0.55	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.015	J	0.10	0.0072	mg/Kg	5		8270C SIM	Total/NA
2-Methylnaphthalene	0.025	J	0.10	0.0072	mg/Kg	5		8270C SIM	Total/NA
Acenaphthene	0.12		0.10	0.0050	mg/Kg	5		8270C SIM	Total/NA
Anthracene	0.033	J	0.10	0.0067	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]anthracene	0.12		0.10	0.011	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]pyrene	0.026	J	0.10	0.013	mg/Kg	5		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.021	J	0.10	0.014	mg/Kg	5		8270C SIM	Total/NA
Chrysene	0.011	J	0.10	0.0077	mg/Kg	5		8270C SIM	Total/NA
Fluoranthene	0.043	J	0.10	0.0096	mg/Kg	5		8270C SIM	Total/NA
Fluorene	0.22		0.10	0.0083	mg/Kg	5		8270C SIM	Total/NA
Phenanthrene	2.9		0.10	0.0084	mg/Kg	5		8270C SIM	Total/NA
Pyrene	0.10		0.10	0.0075	mg/Kg	5		8270C SIM	Total/NA
Phenanthrene	2.9	*1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.29	Z	0.14		mg/Kg	1		8015B	Total/NA
C13-C14	86		23	16	mg/Kg	5		8015B	Total/NA
C15-C16	230		23	16	mg/Kg	5		8015B	Total/NA
C17-C18	450		23	16	mg/Kg	5		8015B	Total/NA
C19-C20	530		23	16	mg/Kg	5		8015B	Total/NA
C21-C22	340		23	16	mg/Kg	5		8015B	Total/NA
C23-C24	220		23	16	mg/Kg	5		8015B	Total/NA
C25-C28	390		23	16	mg/Kg	5		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1515-3-3.0 (Continued)

Lab Sample ID: 570-34864-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C29-C32	320		23	16	mg/Kg	5		8015B	Total/NA
C33-C36	94		23	16	mg/Kg	5		8015B	Total/NA
C37-C40	23		23	16	mg/Kg	5		8015B	Total/NA
C6-C44	2700		23	16	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	2200		23	16	mg/Kg	5		8015B	Total/NA
Aluminum	5180		2.53	0.362	mg/Kg	1		6010B	Total/NA
Sulfur	581	B	5.05	0.806	mg/Kg	1		6010B	Total/NA
Arsenic	5.90		0.758	0.262	mg/Kg	1		6010B	Total/NA
Barium	1070		0.505	0.156	mg/Kg	1		6010B	Total/NA
Beryllium	0.832		0.253	0.138	mg/Kg	1		6010B	Total/NA
Boron	1.84	J B	2.02	0.454	mg/Kg	1		6010B	Total/NA
Cadmium	6.66		0.505	0.136	mg/Kg	1		6010B	Total/NA
Calcium	18300		5.05	0.385	mg/Kg	1		6010B	Total/NA
Chromium	16.9		0.253	0.143	mg/Kg	1		6010B	Total/NA
Cobalt	5.72		0.253	0.149	mg/Kg	1		6010B	Total/NA
Copper	32.9		0.505	0.136	mg/Kg	1		6010B	Total/NA
Iron	13900		5.05	0.134	mg/Kg	1		6010B	Total/NA
Lead	8.77		0.505	0.133	mg/Kg	1		6010B	Total/NA
Magnesium	2840		5.05	0.171	mg/Kg	1		6010B	Total/NA
Manganese	255		0.253	0.140	mg/Kg	1		6010B	Total/NA
Molybdenum	12.6		0.253	0.133	mg/Kg	1		6010B	Total/NA
Nickel	61.2		0.253	0.146	mg/Kg	1		6010B	Total/NA
Phosphorus	1330	B	5.05	0.253	mg/Kg	1		6010B	Total/NA
Potassium	2420		25.3	1.77	mg/Kg	1		6010B	Total/NA
Silicon	95.3		5.05	1.33	mg/Kg	1		6010B	Total/NA
Sodium	730	B	25.3	1.84	mg/Kg	1		6010B	Total/NA
Strontium	176		1.52	0.139	mg/Kg	1		6010B	Total/NA
Titanium	233		1.52	0.139	mg/Kg	1		6010B	Total/NA
Vanadium	77.5		0.253	0.142	mg/Kg	1		6010B	Total/NA
Zinc	96.6		1.01	0.180	mg/Kg	1		6010B	Total/NA
Mercury	0.265		0.0847	0.0137	mg/Kg	1		7471A	Total/NA

Client Sample ID: PT3138-1-0.5

Lab Sample ID: 570-34864-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	6.7	J	20	3.7	ug/Kg	1		8260B	Total/NA
Acetone	55		49	6.2	ug/Kg	1		8260B	Total/NA
Benzene	0.40	J	0.99	0.13	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.28	J	0.99	0.15	ug/Kg	1		8260B	Total/NA
Isopropanol	140		99	27	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	6.9	J	20	5.1	ug/Kg	1		8260B	Total/NA
2-Methylnaphthalene	0.017	J	0.10	0.0072	mg/Kg	5		8270C SIM	Total/NA
Anthracene	0.031	J	0.10	0.0067	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]anthracene	0.020	J	0.10	0.011	mg/Kg	5		8270C SIM	Total/NA
Chrysene	0.062	J	0.10	0.0077	mg/Kg	5		8270C SIM	Total/NA
Phenanthrene	0.40		0.10	0.0084	mg/Kg	5		8270C SIM	Total/NA
Pyrene	0.040	J	0.10	0.0075	mg/Kg	5		8270C SIM	Total/NA
Bis(2-ethylhexyl) phthalate	0.71	J *1	2.5	0.27	mg/Kg	5		8270C	Total/NA
Phenanthrene	2.4	J *1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.16	Z	0.11		mg/Kg	1		8015B	Total/NA
C13-C14	150		51	36	mg/Kg	10		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT3138-1-0.5 (Continued)

Lab Sample ID: 570-34864-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C15-C16	320		51	36	mg/Kg	10		8015B	Total/NA
C17-C18	680		51	36	mg/Kg	10		8015B	Total/NA
C19-C20	870		51	36	mg/Kg	10		8015B	Total/NA
C21-C22	550		51	36	mg/Kg	10		8015B	Total/NA
C23-C24	310		51	36	mg/Kg	10		8015B	Total/NA
C25-C28	500		51	36	mg/Kg	10		8015B	Total/NA
C29-C32	430		51	36	mg/Kg	10		8015B	Total/NA
C33-C36	150		51	36	mg/Kg	10		8015B	Total/NA
C37-C40	45	J	51	36	mg/Kg	10		8015B	Total/NA
C6-C44	4000		51	36	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	3400		51	36	mg/Kg	10		8015B	Total/NA
Chromium, hexavalent	950		400		ug/Kg	10		7199	Total/NA
Aluminum	5110		2.50	0.358	mg/Kg	1		6010B	Total/NA
Sulfur	368	B	5.00	0.798	mg/Kg	1		6010B	Total/NA
Arsenic	5.56		0.750	0.259	mg/Kg	1		6010B	Total/NA
Barium	977		0.500	0.154	mg/Kg	1		6010B	Total/NA
Beryllium	0.812		0.250	0.137	mg/Kg	1		6010B	Total/NA
Cadmium	5.21		0.500	0.135	mg/Kg	1		6010B	Total/NA
Calcium	9030		5.00	0.381	mg/Kg	1		6010B	Total/NA
Chromium	16.2		0.250	0.142	mg/Kg	1		6010B	Total/NA
Cobalt	4.03		0.250	0.148	mg/Kg	1		6010B	Total/NA
Copper	32.3		0.500	0.135	mg/Kg	1		6010B	Total/NA
Iron	13700		5.00	0.133	mg/Kg	1		6010B	Total/NA
Lead	6.85		0.500	0.132	mg/Kg	1		6010B	Total/NA
Magnesium	2560		5.00	0.169	mg/Kg	1		6010B	Total/NA
Manganese	160		0.250	0.139	mg/Kg	1		6010B	Total/NA
Molybdenum	12.6		0.250	0.132	mg/Kg	1		6010B	Total/NA
Nickel	56.8		0.250	0.145	mg/Kg	1		6010B	Total/NA
Phosphorus	1240	B	5.00	0.250	mg/Kg	1		6010B	Total/NA
Potassium	2260		25.0	1.75	mg/Kg	1		6010B	Total/NA
Silicon	99.2		5.00	1.32	mg/Kg	1		6010B	Total/NA
Sodium	489	B	25.0	1.82	mg/Kg	1		6010B	Total/NA
Strontium	110		1.50	0.138	mg/Kg	1		6010B	Total/NA
Titanium	215		1.50	0.138	mg/Kg	1		6010B	Total/NA
Vanadium	75.2		0.250	0.141	mg/Kg	1		6010B	Total/NA
Zinc	93.7		1.00	0.178	mg/Kg	1		6010B	Total/NA
Mercury	0.215		0.0862	0.0140	mg/Kg	1		7471A	Total/NA

Client Sample ID: PT3138-2-0.5

Lab Sample ID: 570-34864-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	14	J	21	4.0	ug/Kg	1		8260B	Total/NA
Acetone	99		53	6.6	ug/Kg	1		8260B	Total/NA
Benzene	0.23	J	1.1	0.14	ug/Kg	1		8260B	Total/NA
Chloromethane	0.57	J	21	0.32	ug/Kg	1		8260B	Total/NA
Isopropanol	91	J	110	29	ug/Kg	1		8260B	Total/NA
tert-Butyl alcohol (TBA)	7.2	J	21	5.5	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.90		0.099	0.0071	mg/Kg	5		8270C SIM	Total/NA
2-Methylnaphthalene	1.3		0.099	0.0071	mg/Kg	5		8270C SIM	Total/NA
Acenaphthene	0.022	J	0.099	0.0050	mg/Kg	5		8270C SIM	Total/NA
Acenaphthylene	0.14		0.099	0.084	mg/Kg	5		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT3138-2-0.5 (Continued)

Lab Sample ID: 570-34864-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.17		0.099	0.0066	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]anthracene	0.056	J	0.099	0.011	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]pyrene	0.018	J	0.099	0.013	mg/Kg	5		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.015	J	0.099	0.014	mg/Kg	5		8270C SIM	Total/NA
Chrysene	0.17		0.099	0.0077	mg/Kg	5		8270C SIM	Total/NA
Fluoranthene	0.052	J	0.099	0.0096	mg/Kg	5		8270C SIM	Total/NA
Fluorene	0.55		0.099	0.0083	mg/Kg	5		8270C SIM	Total/NA
Naphthalene	0.015	J	0.099	0.0077	mg/Kg	5		8270C SIM	Total/NA
Phenanthrene	9.6		0.099	0.0083	mg/Kg	5		8270C SIM	Total/NA
Pyrene	0.22		0.099	0.0074	mg/Kg	5		8270C SIM	Total/NA
Phenanthrene	0.60	J *1	0.99	0.14	mg/Kg	2		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.30	Z	0.15		mg/Kg	1		8015B	Total/NA
C11-C12	34	J	47	34	mg/Kg	10		8015B	Total/NA
C13-C14	170		47	34	mg/Kg	10		8015B	Total/NA
C15-C16	280		47	34	mg/Kg	10		8015B	Total/NA
C17-C18	470		47	34	mg/Kg	10		8015B	Total/NA
C19-C20	560		47	34	mg/Kg	10		8015B	Total/NA
C21-C22	330		47	34	mg/Kg	10		8015B	Total/NA
C23-C24	190		47	34	mg/Kg	10		8015B	Total/NA
C25-C28	290		47	34	mg/Kg	10		8015B	Total/NA
C29-C32	220		47	34	mg/Kg	10		8015B	Total/NA
C33-C36	65		47	34	mg/Kg	10		8015B	Total/NA
C6-C44	2600		47	34	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	2300		47	34	mg/Kg	10		8015B	Total/NA
Aluminum	5720		2.45	0.351	mg/Kg	1		6010B	Total/NA
Sulfur	667	B	4.90	0.782	mg/Kg	1		6010B	Total/NA
Arsenic	8.52		0.735	0.254	mg/Kg	1		6010B	Total/NA
Barium	1210		0.490	0.151	mg/Kg	1		6010B	Total/NA
Beryllium	0.937		0.245	0.134	mg/Kg	1		6010B	Total/NA
Boron	1.69	J B	1.96	0.440	mg/Kg	1		6010B	Total/NA
Cadmium	7.56		0.490	0.132	mg/Kg	1		6010B	Total/NA
Calcium	16200		4.90	0.374	mg/Kg	1		6010B	Total/NA
Chromium	18.3		0.245	0.139	mg/Kg	1		6010B	Total/NA
Cobalt	5.32		0.245	0.145	mg/Kg	1		6010B	Total/NA
Copper	35.3		0.490	0.132	mg/Kg	1		6010B	Total/NA
Iron	15000		4.90	0.130	mg/Kg	1		6010B	Total/NA
Lead	15.0		0.490	0.129	mg/Kg	1		6010B	Total/NA
Magnesium	2980		4.90	0.166	mg/Kg	1		6010B	Total/NA
Manganese	276		0.245	0.136	mg/Kg	1		6010B	Total/NA
Molybdenum	13.6		0.245	0.129	mg/Kg	1		6010B	Total/NA
Nickel	66.6		0.245	0.142	mg/Kg	1		6010B	Total/NA
Phosphorus	1540	B	4.90	0.245	mg/Kg	1		6010B	Total/NA
Potassium	2750		24.5	1.72	mg/Kg	1		6010B	Total/NA
Silicon	81.1		4.90	1.29	mg/Kg	1		6010B	Total/NA
Silver	0.103	J	0.245	0.0840	mg/Kg	1		6010B	Total/NA
Sodium	854	B	24.5	1.78	mg/Kg	1		6010B	Total/NA
Strontium	173		1.47	0.135	mg/Kg	1		6010B	Total/NA
Titanium	242		1.47	0.135	mg/Kg	1		6010B	Total/NA
Vanadium	90.4		0.245	0.138	mg/Kg	1		6010B	Total/NA
Zinc	104		0.980	0.175	mg/Kg	1		6010B	Total/NA
Mercury	0.427		0.0820	0.0133	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: PT3138-3-0.5

Lab Sample ID: 570-34864-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	3.8	J	16	3.0	ug/Kg	1		8260B	Total/NA
Acetone	36	J	40	5.0	ug/Kg	1		8260B	Total/NA
Benzene	0.33	J	0.79	0.10	ug/Kg	1		8260B	Total/NA
Chloromethane	0.30	J	16	0.24	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.26	J	0.79	0.12	ug/Kg	1		8260B	Total/NA
Isopropanol	34	J	79	22	ug/Kg	1		8260B	Total/NA
1-Methylnaphthalene	0.0058	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
2-Methylnaphthalene	0.011	J	0.020	0.0014	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.0096	J	0.020	0.0013	mg/Kg	1		8270C SIM	Total/NA
Naphthalene	0.0058	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Phenanthrene	0.12		0.020	0.0017	mg/Kg	1		8270C SIM	Total/NA
Pyrene	0.012	J	0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Di-n-butyl phthalate	0.13	J *1	1.0	0.12	mg/Kg	2		8270C	Total/NA
Phenanthrene	0.14	J *1	1.0	0.14	mg/Kg	2		8270C	Total/NA
Gasoline Range Organics (C4-C12)	0.17	Z	0.086		mg/Kg	1		8015B	Total/NA
C13-C14	63		50	35	mg/Kg	10		8015B	Total/NA
C15-C16	85		50	35	mg/Kg	10		8015B	Total/NA
C17-C18	160		50	35	mg/Kg	10		8015B	Total/NA
C19-C20	200		50	35	mg/Kg	10		8015B	Total/NA
C21-C22	140		50	35	mg/Kg	10		8015B	Total/NA
C23-C24	110		50	35	mg/Kg	10		8015B	Total/NA
C25-C28	310		50	35	mg/Kg	10		8015B	Total/NA
C29-C32	370		50	35	mg/Kg	10		8015B	Total/NA
C33-C36	140		50	35	mg/Kg	10		8015B	Total/NA
C37-C40	39	J	50	35	mg/Kg	10		8015B	Total/NA
C6-C44	1700		50	35	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	1100		50	35	mg/Kg	10		8015B	Total/NA
Aluminum	5440		2.56	0.367	mg/Kg	1		6010B	Total/NA
Sulfur	277	B	5.13	0.818	mg/Kg	1		6010B	Total/NA
Arsenic	6.22		0.769	0.266	mg/Kg	1		6010B	Total/NA
Barium	684		0.513	0.158	mg/Kg	1		6010B	Total/NA
Beryllium	0.828		0.256	0.141	mg/Kg	1		6010B	Total/NA
Cadmium	6.23		0.513	0.138	mg/Kg	1		6010B	Total/NA
Calcium	10700		5.13	0.391	mg/Kg	1		6010B	Total/NA
Chromium	16.6		0.256	0.146	mg/Kg	1		6010B	Total/NA
Cobalt	4.38		0.256	0.152	mg/Kg	1		6010B	Total/NA
Copper	32.3		0.513	0.138	mg/Kg	1		6010B	Total/NA
Iron	13800		5.13	0.136	mg/Kg	1		6010B	Total/NA
Lead	8.73		0.513	0.135	mg/Kg	1		6010B	Total/NA
Magnesium	2490		5.13	0.173	mg/Kg	1		6010B	Total/NA
Manganese	225		0.256	0.143	mg/Kg	1		6010B	Total/NA
Molybdenum	13.1		0.256	0.135	mg/Kg	1		6010B	Total/NA
Nickel	60.8		0.256	0.149	mg/Kg	1		6010B	Total/NA
Phosphorus	1820	B	5.13	0.256	mg/Kg	1		6010B	Total/NA
Potassium	2230		25.6	1.79	mg/Kg	1		6010B	Total/NA
Silicon	130		5.13	1.35	mg/Kg	1		6010B	Total/NA
Sodium	568	B	25.6	1.87	mg/Kg	1		6010B	Total/NA
Strontium	104		1.54	0.142	mg/Kg	1		6010B	Total/NA
Titanium	196		1.54	0.142	mg/Kg	1		6010B	Total/NA
Vanadium	76.0		0.256	0.145	mg/Kg	1		6010B	Total/NA
Zinc	95.8		1.03	0.183	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: PT3138-3-0.5 (Continued)

Lab Sample ID: 570-34864-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.0751	J	0.0806	0.0131	mg/Kg	1		7471A	Total/NA

Client Sample ID: SF1530-1-0.5

Lab Sample ID: 570-34864-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	790		85	25	ug/Kg	50		8260B	Total/NA
1,3,5-Trimethylbenzene	360		85	23	ug/Kg	50		8260B	Total/NA
2-Butanone	200	J	850	160	ug/Kg	50		8260B	Total/NA
Chloromethane	14	J B	850	13	ug/Kg	50		8260B	Total/NA
Ethylbenzene	65		42	6.4	ug/Kg	50		8260B	Total/NA
Hexane	24	J *	210	16	ug/Kg	50		8260B	Total/NA
Isopropylbenzene	100		42	23	ug/Kg	50		8260B	Total/NA
m,p-Xylene	34	J	85	11	ug/Kg	50		8260B	Total/NA
n-Butylbenzene	700		42	6.6	ug/Kg	50		8260B	Total/NA
N-Propylbenzene	350		85	21	ug/Kg	50		8260B	Total/NA
p-Isopropyltoluene	440		42	27	ug/Kg	50		8260B	Total/NA
sec-Butylbenzene	230		42	24	ug/Kg	50		8260B	Total/NA
Naphthalene - DL	16000		4200	340	ug/Kg	500		8260B	Total/NA
1-Methylnaphthalene	25		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
2-Methylnaphthalene	47		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
Acenaphthene	0.39		0.20	0.010	mg/Kg	10		8270C SIM	Total/NA
Acenaphthylene	0.76		0.20	0.17	mg/Kg	10		8270C SIM	Total/NA
Anthracene	0.091	J	0.20	0.013	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	0.15	J	0.20	0.022	mg/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.033	J	0.20	0.029	mg/Kg	10		8270C SIM	Total/NA
Chrysene	0.29		0.20	0.015	mg/Kg	10		8270C SIM	Total/NA
Fluoranthene	0.081	J	0.20	0.019	mg/Kg	10		8270C SIM	Total/NA
Fluorene	12		0.20	0.017	mg/Kg	10		8270C SIM	Total/NA
Naphthalene	14		0.20	0.015	mg/Kg	10		8270C SIM	Total/NA
Phenanthrene	16		0.20	0.017	mg/Kg	10		8270C SIM	Total/NA
Pyrene	0.39		0.20	0.015	mg/Kg	10		8270C SIM	Total/NA
1-Methylnaphthalene	18		2.5	0.28	mg/Kg	5		8270C	Total/NA
2-Methylnaphthalene	35		2.5	0.30	mg/Kg	5		8270C	Total/NA
Anthracene	0.92	J *1	2.5	0.32	mg/Kg	5		8270C	Total/NA
Dibenzofuran	1.5	J	2.5	0.30	mg/Kg	5		8270C	Total/NA
Fluorene	11		2.5	0.32	mg/Kg	5		8270C	Total/NA
Naphthalene	9.1		2.5	0.29	mg/Kg	5		8270C	Total/NA
Phenanthrene	16	*1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	150	Z	4.2		mg/Kg	50		8015B	Total/NA
C9-C10	78		50	35	mg/Kg	10		8015B	Total/NA
C11-C12	700		50	35	mg/Kg	10		8015B	Total/NA
C13-C14	1700		50	35	mg/Kg	10		8015B	Total/NA
C15-C16	1800		50	35	mg/Kg	10		8015B	Total/NA
C17-C18	2200		50	35	mg/Kg	10		8015B	Total/NA
C19-C20	2000		50	35	mg/Kg	10		8015B	Total/NA
C21-C22	1100		50	35	mg/Kg	10		8015B	Total/NA
C23-C24	600		50	35	mg/Kg	10		8015B	Total/NA
C25-C28	920		50	35	mg/Kg	10		8015B	Total/NA
C29-C32	680		50	35	mg/Kg	10		8015B	Total/NA
C33-C36	200		50	35	mg/Kg	10		8015B	Total/NA
C37-C40	48	J	50	35	mg/Kg	10		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1530-1-0.5 (Continued)

Lab Sample ID: 570-34864-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	12000		50	35	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	11000		50	35	mg/Kg	10		8015B	Total/NA
Chloride	2100		100		mg/Kg	10		300.0	Total/NA
Formaldehyde	1.6		1.0		mg/Kg	1		8315A	Total/NA
Aluminum	5020		2.53	0.362	mg/Kg	1		6010B	Total/NA
Sulfur	1080	B	5.05	0.806	mg/Kg	1		6010B	Total/NA
Antimony	0.395	J	0.758	0.151	mg/Kg	1		6010B	Total/NA
Arsenic	5.80		0.758	0.262	mg/Kg	1		6010B	Total/NA
Barium	2390		0.505	0.156	mg/Kg	1		6010B	Total/NA
Beryllium	0.811		0.253	0.138	mg/Kg	1		6010B	Total/NA
Boron	2.86	B	2.02	0.454	mg/Kg	1		6010B	Total/NA
Cadmium	4.85		0.505	0.136	mg/Kg	1		6010B	Total/NA
Calcium	11400		5.05	0.385	mg/Kg	1		6010B	Total/NA
Chromium	17.3		0.253	0.143	mg/Kg	1		6010B	Total/NA
Cobalt	3.12		0.253	0.149	mg/Kg	1		6010B	Total/NA
Copper	36.9		0.505	0.136	mg/Kg	1		6010B	Total/NA
Iron	13700		5.05	0.134	mg/Kg	1		6010B	Total/NA
Lead	12.0		0.505	0.133	mg/Kg	1		6010B	Total/NA
Magnesium	2500		5.05	0.171	mg/Kg	1		6010B	Total/NA
Manganese	159		0.253	0.140	mg/Kg	1		6010B	Total/NA
Molybdenum	13.7		0.253	0.133	mg/Kg	1		6010B	Total/NA
Nickel	52.7		0.253	0.146	mg/Kg	1		6010B	Total/NA
Phosphorus	1570	B	5.05	0.253	mg/Kg	1		6010B	Total/NA
Potassium	2830		25.3	1.77	mg/Kg	1		6010B	Total/NA
Silicon	106		5.05	1.33	mg/Kg	1		6010B	Total/NA
Sodium	524	B	25.3	1.84	mg/Kg	1		6010B	Total/NA
Strontium	105		1.52	0.139	mg/Kg	1		6010B	Total/NA
Titanium	254		1.52	0.139	mg/Kg	1		6010B	Total/NA
Vanadium	73.9		0.253	0.142	mg/Kg	1		6010B	Total/NA
Zinc	107		1.01	0.180	mg/Kg	1		6010B	Total/NA
Mercury	0.0490	J	0.0847	0.0137	mg/Kg	1		7471A	Total/NA
pH	7.2		0.01	0.01	S.U.	1		9045C	Total/NA
Alkalinity as CaCO3	6970		498		mg/Kg	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	6970		498		mg/Kg	1		SM 2320B	Total/NA

Client Sample ID: SF1530-1-0.5D

Lab Sample ID: 570-34864-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	260		82	24	ug/Kg	50		8260B	Total/NA
1,3,5-Trimethylbenzene	210		82	22	ug/Kg	50		8260B	Total/NA
2-Butanone	170	J	820	150	ug/Kg	50		8260B	Total/NA
Ethylbenzene	65		41	6.2	ug/Kg	50		8260B	Total/NA
Hexane	52	J *	200	15	ug/Kg	50		8260B	Total/NA
Isopropylbenzene	110		41	22	ug/Kg	50		8260B	Total/NA
n-Butylbenzene	500		41	6.4	ug/Kg	50		8260B	Total/NA
N-Propylbenzene	440		82	21	ug/Kg	50		8260B	Total/NA
o-Xylene	24	J	41	23	ug/Kg	50		8260B	Total/NA
p-Isopropyltoluene	230		41	26	ug/Kg	50		8260B	Total/NA
sec-Butylbenzene	160		41	24	ug/Kg	50		8260B	Total/NA
Naphthalene - DL	13000		4100	330	ug/Kg	500		8260B	Total/NA
1-Methylnaphthalene	28		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1530-1-0.5D (Continued)

Lab Sample ID: 570-34864-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	53		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
Acenaphthene	0.50	J	1.0	0.051	mg/Kg	50		8270C SIM	Total/NA
Acenaphthylene	1.0		1.0	0.85	mg/Kg	50		8270C SIM	Total/NA
Anthracene	0.18	J	1.0	0.067	mg/Kg	50		8270C SIM	Total/NA
Benzo[a]anthracene	0.28	J	1.0	0.11	mg/Kg	50		8270C SIM	Total/NA
Chrysene	0.34	J	1.0	0.078	mg/Kg	50		8270C SIM	Total/NA
Fluoranthene	0.14	J	1.0	0.097	mg/Kg	50		8270C SIM	Total/NA
Fluorene	14		1.0	0.084	mg/Kg	50		8270C SIM	Total/NA
Naphthalene	14		1.0	0.078	mg/Kg	50		8270C SIM	Total/NA
Phenanthrene	19		1.0	0.084	mg/Kg	50		8270C SIM	Total/NA
Pyrene	0.41	J	1.0	0.075	mg/Kg	50		8270C SIM	Total/NA
1-Methylnaphthalene	19		2.0	0.22	mg/Kg	2		8270C	Total/NA
2-Methylnaphthalene	40		2.0	0.24	mg/Kg	2		8270C	Total/NA
Anthracene	0.86	J *1	2.0	0.25	mg/Kg	2		8270C	Total/NA
Chrysene	0.28	J	2.0	0.26	mg/Kg	2		8270C	Total/NA
Dibenzofuran	1.5	J	2.0	0.24	mg/Kg	2		8270C	Total/NA
Di-n-butyl phthalate	0.60	J *1	2.0	0.24	mg/Kg	2		8270C	Total/NA
Fluorene	10		2.0	0.25	mg/Kg	2		8270C	Total/NA
Naphthalene	9.0		2.0	0.23	mg/Kg	2		8270C	Total/NA
Phenanthrene	16	*1	2.0	0.27	mg/Kg	2		8270C	Total/NA
Gasoline Range Organics (C4-C12)	120	Z	4.1		mg/Kg	50		8015B	Total/NA
C9-C10	110		50	35	mg/Kg	10		8015B	Total/NA
C11-C12	800		50	35	mg/Kg	10		8015B	Total/NA
C13-C14	1700		50	35	mg/Kg	10		8015B	Total/NA
C15-C16	1400		50	35	mg/Kg	10		8015B	Total/NA
C17-C18	1800		50	35	mg/Kg	10		8015B	Total/NA
C19-C20	1400		50	35	mg/Kg	10		8015B	Total/NA
C21-C22	670		50	35	mg/Kg	10		8015B	Total/NA
C23-C24	360		50	35	mg/Kg	10		8015B	Total/NA
C25-C28	600		50	35	mg/Kg	10		8015B	Total/NA
C29-C32	630		50	35	mg/Kg	10		8015B	Total/NA
C33-C36	380		50	35	mg/Kg	10		8015B	Total/NA
C37-C40	120		50	35	mg/Kg	10		8015B	Total/NA
C6-C44	9900		50	35	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	8700		50	35	mg/Kg	10		8015B	Total/NA
Chloride	2000		100		mg/Kg	10		300.0	Total/NA
Formaldehyde	1.8		1.0		mg/Kg	1		8315A	Total/NA
Aluminum	4590		2.39	0.343	mg/Kg	1		6010B	Total/NA
Sulfur	964	B	4.78	0.764	mg/Kg	1		6010B	Total/NA
Antimony	1.07		0.718	0.143	mg/Kg	1		6010B	Total/NA
Arsenic	5.85		0.718	0.248	mg/Kg	1		6010B	Total/NA
Barium	2660		0.478	0.147	mg/Kg	1		6010B	Total/NA
Beryllium	0.753		0.239	0.131	mg/Kg	1		6010B	Total/NA
Boron	1.52	J B	1.91	0.430	mg/Kg	1		6010B	Total/NA
Cadmium	3.45		0.478	0.129	mg/Kg	1		6010B	Total/NA
Calcium	10400		4.78	0.365	mg/Kg	1		6010B	Total/NA
Chromium	15.2		0.239	0.136	mg/Kg	1		6010B	Total/NA
Cobalt	2.53		0.239	0.142	mg/Kg	1		6010B	Total/NA
Copper	26.2		0.478	0.129	mg/Kg	1		6010B	Total/NA
Iron	12900		4.78	0.127	mg/Kg	1		6010B	Total/NA
Lead	6.59		0.478	0.126	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1530-1-0.5D (Continued)

Lab Sample ID: 570-34864-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	2170		4.78	0.162	mg/Kg	1		6010B	Total/NA
Manganese	130		0.239	0.133	mg/Kg	1		6010B	Total/NA
Molybdenum	11.6		0.239	0.126	mg/Kg	1		6010B	Total/NA
Nickel	51.5		0.239	0.139	mg/Kg	1		6010B	Total/NA
Phosphorus	1410	B	4.78	0.239	mg/Kg	1		6010B	Total/NA
Potassium	2510		23.9	1.67	mg/Kg	1		6010B	Total/NA
Silicon	101		4.78	1.26	mg/Kg	1		6010B	Total/NA
Sodium	488	B	23.9	1.74	mg/Kg	1		6010B	Total/NA
Strontium	110		1.44	0.132	mg/Kg	1		6010B	Total/NA
Titanium	208		1.44	0.132	mg/Kg	1		6010B	Total/NA
Vanadium	69.2		0.239	0.135	mg/Kg	1		6010B	Total/NA
Zinc	94.1		0.957	0.170	mg/Kg	1		6010B	Total/NA
Mercury	0.0332	J	0.0862	0.0140	mg/Kg	1		7471A	Total/NA
pH	7.3		0.01	0.01	S.U.	1		9045C	Total/NA
Alkalinity as CaCO3	7020		494		mg/Kg	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	7020		494		mg/Kg	1		SM 2320B	Total/NA

Client Sample ID: SF1530-2-1.5

Lab Sample ID: 570-34864-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	470		87	26	ug/Kg	50		8260B	Total/NA
1,3,5-Trimethylbenzene	410		87	24	ug/Kg	50		8260B	Total/NA
2-Butanone	190	J	870	160	ug/Kg	50		8260B	Total/NA
Ethylbenzene	120		44	6.6	ug/Kg	50		8260B	Total/NA
Isopropylbenzene	110		44	24	ug/Kg	50		8260B	Total/NA
m,p-Xylene	49	J	87	12	ug/Kg	50		8260B	Total/NA
Naphthalene	8300		440	36	ug/Kg	50		8260B	Total/NA
n-Butylbenzene	390		44	6.8	ug/Kg	50		8260B	Total/NA
N-Propylbenzene	420		87	22	ug/Kg	50		8260B	Total/NA
p-Isopropyltoluene	370		44	27	ug/Kg	50		8260B	Total/NA
sec-Butylbenzene	160		44	25	ug/Kg	50		8260B	Total/NA
Xylenes, Total	49	J	130	36	ug/Kg	50		8260B	Total/NA
1-Methylnaphthalene	30		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
2-Methylnaphthalene	52		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
Acenaphthene	0.65		0.20	0.010	mg/Kg	10		8270C SIM	Total/NA
Acenaphthylene	0.95		0.20	0.17	mg/Kg	10		8270C SIM	Total/NA
Anthracene	0.19	J	0.20	0.013	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]anthracene	0.20		0.20	0.022	mg/Kg	10		8270C SIM	Total/NA
Benzo[a]pyrene	0.12	J	0.20	0.027	mg/Kg	10		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.052	J	0.20	0.029	mg/Kg	10		8270C SIM	Total/NA
Chrysene	0.50		0.20	0.015	mg/Kg	10		8270C SIM	Total/NA
Fluoranthene	0.13	J	0.20	0.019	mg/Kg	10		8270C SIM	Total/NA
Fluorene	16		0.20	0.017	mg/Kg	10		8270C SIM	Total/NA
Naphthalene	17		0.20	0.015	mg/Kg	10		8270C SIM	Total/NA
Phenanthrene	19		1.0	0.084	mg/Kg	50		8270C SIM	Total/NA
Pyrene	0.59		0.20	0.015	mg/Kg	10		8270C SIM	Total/NA
1-Methylnaphthalene	21		2.5	0.28	mg/Kg	5		8270C	Total/NA
2-Methylnaphthalene	38		2.5	0.30	mg/Kg	5		8270C	Total/NA
Anthracene	1.1	J *1	2.5	0.31	mg/Kg	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.26	J *1	2.5	0.26	mg/Kg	5		8270C	Total/NA
Chrysene	0.39	J	2.5	0.32	mg/Kg	5		8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1530-2-1.5 (Continued)

Lab Sample ID: 570-34864-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dibenzofuran	1.8	J	2.5	0.30	mg/Kg	5		8270C	Total/NA
Fluorene	13		2.5	0.31	mg/Kg	5		8270C	Total/NA
Naphthalene	8.6		2.5	0.29	mg/Kg	5		8270C	Total/NA
Phenanthrene	19	*1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	130	Z	4.4		mg/Kg	50		8015B	Total/NA
C9-C10	68		26	18	mg/Kg	5		8015B	Total/NA
C11-C12	460		26	18	mg/Kg	5		8015B	Total/NA
C13-C14	990		26	18	mg/Kg	5		8015B	Total/NA
C15-C16	970		26	18	mg/Kg	5		8015B	Total/NA
C17-C18	1100		26	18	mg/Kg	5		8015B	Total/NA
C19-C20	1000		26	18	mg/Kg	5		8015B	Total/NA
C21-C22	580		26	18	mg/Kg	5		8015B	Total/NA
C23-C24	330		26	18	mg/Kg	5		8015B	Total/NA
C25-C28	500		26	18	mg/Kg	5		8015B	Total/NA
C29-C32	330		26	18	mg/Kg	5		8015B	Total/NA
C33-C36	84		26	18	mg/Kg	5		8015B	Total/NA
C37-C40	20	J	26	18	mg/Kg	5		8015B	Total/NA
C6-C44	6500		26	18	mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	6000		26	18	mg/Kg	5		8015B	Total/NA
Chloride	2100		100		mg/Kg	10		300.0	Total/NA
Formaldehyde	2.0		1.0		mg/Kg	1		8315A	Total/NA
Aluminum	4470		2.54	0.363	mg/Kg	1		6010B	Total/NA
Sulfur	1050	B	5.08	0.810	mg/Kg	1		6010B	Total/NA
Antimony	0.552	J	0.761	0.151	mg/Kg	1		6010B	Total/NA
Arsenic	6.88		0.761	0.263	mg/Kg	1		6010B	Total/NA
Barium	2790		0.508	0.156	mg/Kg	1		6010B	Total/NA
Beryllium	0.839		0.254	0.139	mg/Kg	1		6010B	Total/NA
Boron	1.99	J B	2.03	0.456	mg/Kg	1		6010B	Total/NA
Cadmium	4.14		0.508	0.137	mg/Kg	1		6010B	Total/NA
Calcium	10100		5.08	0.387	mg/Kg	1		6010B	Total/NA
Chromium	16.1		0.254	0.144	mg/Kg	1		6010B	Total/NA
Cobalt	1.63		0.254	0.150	mg/Kg	1		6010B	Total/NA
Copper	27.5		0.508	0.137	mg/Kg	1		6010B	Total/NA
Iron	13000		5.08	0.135	mg/Kg	1		6010B	Total/NA
Lead	5.29		0.508	0.134	mg/Kg	1		6010B	Total/NA
Magnesium	2100		5.08	0.172	mg/Kg	1		6010B	Total/NA
Manganese	128		0.254	0.141	mg/Kg	1		6010B	Total/NA
Molybdenum	12.3		0.254	0.134	mg/Kg	1		6010B	Total/NA
Nickel	48.9		0.254	0.147	mg/Kg	1		6010B	Total/NA
Phosphorus	1360	B	5.08	0.254	mg/Kg	1		6010B	Total/NA
Potassium	2540		25.4	1.78	mg/Kg	1		6010B	Total/NA
Silicon	92.2		5.08	1.34	mg/Kg	1		6010B	Total/NA
Sodium	509	B	25.4	1.85	mg/Kg	1		6010B	Total/NA
Strontium	116		1.52	0.140	mg/Kg	1		6010B	Total/NA
Titanium	205		1.52	0.140	mg/Kg	1		6010B	Total/NA
Vanadium	79.3		0.254	0.143	mg/Kg	1		6010B	Total/NA
Zinc	91.4		1.02	0.181	mg/Kg	1		6010B	Total/NA
Mercury	0.0491	J	0.0847	0.0137	mg/Kg	1		7471A	Total/NA
pH	7.3		0.01	0.01	S.U.	1		9045C	Total/NA
Alkalinity as CaCO3	5940		495		mg/Kg	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	5940		495		mg/Kg	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: SF1530-3-3.0

Lab Sample ID: 570-34864-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6700		89	26	ug/Kg	50		8260B	Total/NA
1,3,5-Trimethylbenzene	3900		89	25	ug/Kg	50		8260B	Total/NA
Cyclohexane	440	J *	2200	110	ug/Kg	50		8260B	Total/NA
Ethylbenzene	770		45	6.8	ug/Kg	50		8260B	Total/NA
Hexane	45	J *	220	16	ug/Kg	50		8260B	Total/NA
Isopropylbenzene	410		45	24	ug/Kg	50		8260B	Total/NA
m,p-Xylene	1400		89	12	ug/Kg	50		8260B	Total/NA
n-Butylbenzene	1100		45	7.0	ug/Kg	50		8260B	Total/NA
N-Propylbenzene	1000		89	22	ug/Kg	50		8260B	Total/NA
o-Xylene	61		45	25	ug/Kg	50		8260B	Total/NA
p-Isopropyltoluene	810		45	28	ug/Kg	50		8260B	Total/NA
sec-Butylbenzene	380		45	26	ug/Kg	50		8260B	Total/NA
Xylenes, Total	1500		130	37	ug/Kg	50		8260B	Total/NA
Naphthalene - DL	33000		8900	730	ug/Kg	1000		8260B	Total/NA
1-Methylnaphthalene	35		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
2-Methylnaphthalene	77		1.0	0.072	mg/Kg	50		8270C SIM	Total/NA
Acenaphthene	3.2		0.10	0.0051	mg/Kg	5		8270C SIM	Total/NA
Acenaphthylene	0.70		0.10	0.086	mg/Kg	5		8270C SIM	Total/NA
Anthracene	0.090	J	0.10	0.0067	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]anthracene	0.19		0.10	0.011	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]pyrene	0.034	J	0.10	0.014	mg/Kg	5		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.024	J	0.10	0.015	mg/Kg	5		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.021	J	0.10	0.016	mg/Kg	5		8270C SIM	Total/NA
Chrysene	0.41		0.10	0.0078	mg/Kg	5		8270C SIM	Total/NA
Fluoranthene	0.075	J	0.10	0.0097	mg/Kg	5		8270C SIM	Total/NA
Fluorene	19		1.0	0.084	mg/Kg	50		8270C SIM	Total/NA
Naphthalene	30		1.0	0.078	mg/Kg	50		8270C SIM	Total/NA
Phenanthrene	24		1.0	0.085	mg/Kg	50		8270C SIM	Total/NA
Pyrene	0.53		0.10	0.0075	mg/Kg	5		8270C SIM	Total/NA
1-Methylnaphthalene	30		4.9	0.56	mg/Kg	5		8270C	Total/NA
2-Methylnaphthalene	71		4.9	0.60	mg/Kg	5		8270C	Total/NA
Anthracene	1.4	J *1	4.9	0.63	mg/Kg	5		8270C	Total/NA
Dibenzofuran	2.2	J	4.9	0.60	mg/Kg	5		8270C	Total/NA
Fluorene	17		4.9	0.63	mg/Kg	5		8270C	Total/NA
Naphthalene	25		4.9	0.58	mg/Kg	5		8270C	Total/NA
Phenanthrene	25	*1	4.9	0.68	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	260	Z	8.9		mg/Kg	100		8015B	Total/NA
C9-C10	620		260	180	mg/Kg	50		8015B	Total/NA
C11-C12	3200		260	180	mg/Kg	50		8015B	Total/NA
C13-C14	5500		260	180	mg/Kg	50		8015B	Total/NA
C15-C16	4700		260	180	mg/Kg	50		8015B	Total/NA
C17-C18	6600		260	180	mg/Kg	50		8015B	Total/NA
C19-C20	5500		260	180	mg/Kg	50		8015B	Total/NA
C21-C22	2500		260	180	mg/Kg	50		8015B	Total/NA
C23-C24	1100		260	180	mg/Kg	50		8015B	Total/NA
C25-C28	1700		260	180	mg/Kg	50		8015B	Total/NA
C29-C32	1800		260	180	mg/Kg	50		8015B	Total/NA
C33-C36	1200		260	180	mg/Kg	50		8015B	Total/NA
C37-C40	400		260	180	mg/Kg	50		8015B	Total/NA
C6-C44	35000		260	180	mg/Kg	50		8015B	Total/NA
Diesel Range Organics [C10-C28]	31000		260	180	mg/Kg	50		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SF1530-3-3.0 (Continued)

Lab Sample ID: 570-34864-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4000		100		mg/Kg	10		300.0	Total/NA
Chromium, hexavalent	430		400		ug/Kg	10		7199	Total/NA
Formaldehyde	4.0		1.0		mg/Kg	1		8315A	Total/NA
Aluminum	4750		2.53	0.362	mg/Kg	1		6010B	Total/NA
Sulfur	936	B	5.05	0.806	mg/Kg	1		6010B	Total/NA
Arsenic	6.95		0.758	0.262	mg/Kg	1		6010B	Total/NA
Barium	2070		0.505	0.156	mg/Kg	1		6010B	Total/NA
Beryllium	0.835		0.253	0.138	mg/Kg	1		6010B	Total/NA
Boron	5.58	B	2.02	0.454	mg/Kg	1		6010B	Total/NA
Cadmium	4.53		0.505	0.136	mg/Kg	1		6010B	Total/NA
Calcium	12100		5.05	0.385	mg/Kg	1		6010B	Total/NA
Chromium	16.2		0.253	0.143	mg/Kg	1		6010B	Total/NA
Cobalt	3.36		0.253	0.149	mg/Kg	1		6010B	Total/NA
Copper	32.0		0.505	0.136	mg/Kg	1		6010B	Total/NA
Iron	12200		5.05	0.134	mg/Kg	1		6010B	Total/NA
Lead	6.56		0.505	0.133	mg/Kg	1		6010B	Total/NA
Magnesium	2360		5.05	0.171	mg/Kg	1		6010B	Total/NA
Manganese	138		0.253	0.140	mg/Kg	1		6010B	Total/NA
Molybdenum	12.0		0.253	0.133	mg/Kg	1		6010B	Total/NA
Nickel	56.3		0.253	0.146	mg/Kg	1		6010B	Total/NA
Phosphorus	1310	B	5.05	0.253	mg/Kg	1		6010B	Total/NA
Potassium	2840		25.3	1.77	mg/Kg	1		6010B	Total/NA
Silicon	131		5.05	1.33	mg/Kg	1		6010B	Total/NA
Sodium	556	B	25.3	1.84	mg/Kg	1		6010B	Total/NA
Strontium	136		1.52	0.139	mg/Kg	1		6010B	Total/NA
Titanium	231		1.52	0.139	mg/Kg	1		6010B	Total/NA
Vanadium	77.5		0.253	0.142	mg/Kg	1		6010B	Total/NA
Zinc	104		1.01	0.180	mg/Kg	1		6010B	Total/NA
Mercury	0.0469	J	0.0833	0.0135	mg/Kg	1		7471A	Total/NA
pH	7.3		0.01	0.01	S.U.	1		9045C	Total/NA
Alkalinity as CaCO3	6900		493		mg/Kg	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	6900		493		mg/Kg	1		SM 2320B	Total/NA

Client Sample ID: VB27599-1-S

Lab Sample ID: 570-34864-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	7400		110	33	ug/Kg	50		8260B	Total/NA
1,3,5-Trimethylbenzene	5000		110	31	ug/Kg	50		8260B	Total/NA
2-Butanone	250	J	1100	210	ug/Kg	50		8260B	Total/NA
Benzene	200		57	7.4	ug/Kg	50		8260B	Total/NA
Cyclohexane	800	J *	2800	140	ug/Kg	50		8260B	Total/NA
Ethylbenzene	1600		57	8.6	ug/Kg	50		8260B	Total/NA
Hexane	160	J *	280	21	ug/Kg	50		8260B	Total/NA
Isopropylbenzene	640		57	31	ug/Kg	50		8260B	Total/NA
m,p-Xylene	2800		110	15	ug/Kg	50		8260B	Total/NA
n-Butylbenzene	1000		57	8.9	ug/Kg	50		8260B	Total/NA
N-Propylbenzene	1600		110	28	ug/Kg	50		8260B	Total/NA
o-Xylene	680		57	32	ug/Kg	50		8260B	Total/NA
p-Isopropyltoluene	770		57	36	ug/Kg	50		8260B	Total/NA
sec-Butylbenzene	380		57	33	ug/Kg	50		8260B	Total/NA
Xylenes, Total	3500		170	47	ug/Kg	50		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VB27599-1-S (Continued)

Lab Sample ID: 570-34864-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene - DL	31000		5700	460	ug/Kg	500		8260B	Total/NA
1-Methylnaphthalene	7.4		0.49	0.036	mg/Kg	25		8270C SIM	Total/NA
2-Methylnaphthalene	14		0.49	0.036	mg/Kg	25		8270C SIM	Total/NA
Acenaphthene	0.056		0.020	0.0010	mg/Kg	1		8270C SIM	Total/NA
Acenaphthylene	0.24		0.020	0.017	mg/Kg	1		8270C SIM	Total/NA
Anthracene	0.047		0.020	0.0013	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]anthracene	0.054		0.020	0.0022	mg/Kg	1		8270C SIM	Total/NA
Benzo[a]pyrene	0.013	J	0.020	0.0027	mg/Kg	1		8270C SIM	Total/NA
Benzo[b]fluoranthene	0.0067	J	0.020	0.0029	mg/Kg	1		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.0051	J	0.020	0.0032	mg/Kg	1		8270C SIM	Total/NA
Chrysene	0.11		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
Fluoranthene	0.015	J	0.020	0.0019	mg/Kg	1		8270C SIM	Total/NA
Fluorene	2.2		0.49	0.041	mg/Kg	25		8270C SIM	Total/NA
Naphthalene	7.6		0.49	0.038	mg/Kg	25		8270C SIM	Total/NA
Phenanthrene	3.1		0.49	0.042	mg/Kg	25		8270C SIM	Total/NA
Pyrene	0.15		0.020	0.0015	mg/Kg	1		8270C SIM	Total/NA
1-Methylnaphthalene	18		2.5	0.28	mg/Kg	5		8270C	Total/NA
2-Methylnaphthalene	44		2.5	0.30	mg/Kg	5		8270C	Total/NA
Anthracene	0.48	J *1	2.5	0.31	mg/Kg	5		8270C	Total/NA
Bis(2-ethylhexyl) phthalate	0.32	J *1	2.5	0.27	mg/Kg	5		8270C	Total/NA
Dibenzofuran	0.93	J	2.5	0.30	mg/Kg	5		8270C	Total/NA
Fluorene	6.5		2.5	0.32	mg/Kg	5		8270C	Total/NA
Naphthalene	23		2.5	0.29	mg/Kg	5		8270C	Total/NA
N-Nitrosodiphenylamine	4.4	*1	2.5	0.68	mg/Kg	5		8270C	Total/NA
Phenanthrene	9.0	*1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	360	Z	11		mg/Kg	100		8015B	Total/NA
C11-C12	64		48	34	mg/Kg	10		8015B	Total/NA
C13-C14	87		48	34	mg/Kg	10		8015B	Total/NA
C15-C16	67		48	34	mg/Kg	10		8015B	Total/NA
C17-C18	85		48	34	mg/Kg	10		8015B	Total/NA
C19-C20	86		48	34	mg/Kg	10		8015B	Total/NA
C21-C22	49		48	34	mg/Kg	10		8015B	Total/NA
C25-C28	38	J	48	34	mg/Kg	10		8015B	Total/NA
C6-C44	590		48	34	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	510		48	34	mg/Kg	10		8015B	Total/NA
Chloride	4400		100		mg/Kg	10		300.0	Total/NA
Formaldehyde	9.1		1.0		mg/Kg	1		8315A	Total/NA
Aluminum	3800		2.42	0.346	mg/Kg	1		6010B	Total/NA
Sulfur	695	B	4.83	0.771	mg/Kg	1		6010B	Total/NA
Arsenic	6.25		0.725	0.250	mg/Kg	1		6010B	Total/NA
Barium	2040		0.483	0.149	mg/Kg	1		6010B	Total/NA
Beryllium	0.709		0.242	0.132	mg/Kg	1		6010B	Total/NA
Boron	2.16	B	1.93	0.434	mg/Kg	1		6010B	Total/NA
Cadmium	4.69		0.483	0.130	mg/Kg	1		6010B	Total/NA
Calcium	11000		4.83	0.368	mg/Kg	1		6010B	Total/NA
Chromium	14.9		0.242	0.137	mg/Kg	1		6010B	Total/NA
Cobalt	1.89		0.242	0.143	mg/Kg	1		6010B	Total/NA
Copper	27.3		0.483	0.130	mg/Kg	1		6010B	Total/NA
Iron	10800		4.83	0.129	mg/Kg	1		6010B	Total/NA
Lead	7.90		0.483	0.128	mg/Kg	1		6010B	Total/NA
Magnesium	2100		4.83	0.163	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: VB27599-1-S (Continued)

Lab Sample ID: 570-34864-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	151		0.242	0.134	mg/Kg	1		6010B	Total/NA
Molybdenum	9.52		0.242	0.128	mg/Kg	1		6010B	Total/NA
Nickel	44.3		0.242	0.140	mg/Kg	1		6010B	Total/NA
Phosphorus	1270	B	4.83	0.242	mg/Kg	1		6010B	Total/NA
Potassium	2200		24.2	1.69	mg/Kg	1		6010B	Total/NA
Silicon	95.6		4.83	1.28	mg/Kg	1		6010B	Total/NA
Sodium	548	B	24.2	1.76	mg/Kg	1		6010B	Total/NA
Strontium	107		1.45	0.133	mg/Kg	1		6010B	Total/NA
Titanium	188		1.45	0.133	mg/Kg	1		6010B	Total/NA
Vanadium	66.5		0.242	0.136	mg/Kg	1		6010B	Total/NA
Zinc	99.2		0.966	0.172	mg/Kg	1		6010B	Total/NA
Mercury	0.0558	J	0.0820	0.0133	mg/Kg	1		7471A	Total/NA
pH	7.4		0.01	0.01	S.U.	1		9045C	Total/NA
Alkalinity as CaCO3	5950		496		mg/Kg	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	5950		496		mg/Kg	1		SM 2320B	Total/NA

Client Sample ID: V881-1-S

Lab Sample ID: 570-34864-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	15000		150	44	ug/Kg	50		8260B	Total/NA
1,3,5-Trimethylbenzene	8100		150	41	ug/Kg	50		8260B	Total/NA
2-Butanone	330	J	1500	280	ug/Kg	50		8260B	Total/NA
Benzene	290		75	9.7	ug/Kg	50		8260B	Total/NA
Cyclohexane	1000	J *	3800	190	ug/Kg	50		8260B	Total/NA
Ethylbenzene	2200		75	11	ug/Kg	50		8260B	Total/NA
Hexane	370	J *	380	28	ug/Kg	50		8260B	Total/NA
Isopropylbenzene	910		75	41	ug/Kg	50		8260B	Total/NA
m,p-Xylene	4600		150	20	ug/Kg	50		8260B	Total/NA
n-Butylbenzene	2100		75	12	ug/Kg	50		8260B	Total/NA
N-Propylbenzene	2300		150	38	ug/Kg	50		8260B	Total/NA
o-Xylene	4500		75	42	ug/Kg	50		8260B	Total/NA
p-Isopropyltoluene	1500		75	47	ug/Kg	50		8260B	Total/NA
sec-Butylbenzene	710		75	43	ug/Kg	50		8260B	Total/NA
Toluene	50	J	75	39	ug/Kg	50		8260B	Total/NA
Xylenes, Total	9100		230	62	ug/Kg	50		8260B	Total/NA
Naphthalene - DL	63000		15000	1200	ug/Kg	1000		8260B	Total/NA
1-Methylnaphthalene	47		2.0	0.15	mg/Kg	100		8270C SIM	Total/NA
2-Methylnaphthalene	96		2.0	0.15	mg/Kg	100		8270C SIM	Total/NA
Acenaphthene	0.47		0.10	0.0051	mg/Kg	5		8270C SIM	Total/NA
Acenaphthylene	0.70		0.10	0.086	mg/Kg	5		8270C SIM	Total/NA
Anthracene	0.16		0.10	0.0067	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]anthracene	0.15		0.10	0.011	mg/Kg	5		8270C SIM	Total/NA
Benzo[a]pyrene	0.048	J	0.10	0.014	mg/Kg	5		8270C SIM	Total/NA
Benzo[k]fluoranthene	0.016	J	0.10	0.016	mg/Kg	5		8270C SIM	Total/NA
Chrysene	0.29		0.10	0.0078	mg/Kg	5		8270C SIM	Total/NA
Fluoranthene	0.064	J	0.10	0.0097	mg/Kg	5		8270C SIM	Total/NA
Fluorene	14		2.0	0.17	mg/Kg	100		8270C SIM	Total/NA
Naphthalene	54		2.0	0.16	mg/Kg	100		8270C SIM	Total/NA
Phenanthrene	17		2.0	0.17	mg/Kg	100		8270C SIM	Total/NA
Pyrene	0.47		0.10	0.0076	mg/Kg	5		8270C SIM	Total/NA
1-Methylnaphthalene	31		2.5	0.28	mg/Kg	5		8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: V881-1-S (Continued)

Lab Sample ID: 570-34864-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	76		2.5	0.30	mg/Kg	5		8270C	Total/NA
Anthracene	0.77	J *1	2.5	0.31	mg/Kg	5		8270C	Total/NA
Dibenzofuran	1.5	J	2.5	0.30	mg/Kg	5		8270C	Total/NA
Fluorene	11		2.5	0.31	mg/Kg	5		8270C	Total/NA
Naphthalene	40		2.5	0.29	mg/Kg	5		8270C	Total/NA
N-Nitrosodiphenylamine	5.9	*1	2.5	0.68	mg/Kg	5		8270C	Total/NA
Phenanthrene	15	*1	2.5	0.34	mg/Kg	5		8270C	Total/NA
Gasoline Range Organics (C4-C12)	580	Z	15		mg/Kg	100		8015B	Total/NA
C11-C12	71		48	34	mg/Kg	10		8015B	Total/NA
C13-C14	96		48	34	mg/Kg	10		8015B	Total/NA
C15-C16	72		48	34	mg/Kg	10		8015B	Total/NA
C17-C18	87		48	34	mg/Kg	10		8015B	Total/NA
C19-C20	85		48	34	mg/Kg	10		8015B	Total/NA
C21-C22	48		48	34	mg/Kg	10		8015B	Total/NA
C6-C44	570		48	34	mg/Kg	10		8015B	Total/NA
Diesel Range Organics [C10-C28]	520		48	34	mg/Kg	10		8015B	Total/NA
Chloride	6400		100		mg/Kg	10		300.0	Total/NA
Formaldehyde	12		1.0		mg/Kg	1		8315A	Total/NA
Aluminum	3540		2.58	0.369	mg/Kg	1		6010B	Total/NA
Sulfur	1070	B	5.15	0.823	mg/Kg	1		6010B	Total/NA
Antimony	1.05		0.773	0.154	mg/Kg	1		6010B	Total/NA
Arsenic	6.56		0.773	0.267	mg/Kg	1		6010B	Total/NA
Barium	3100		0.515	0.159	mg/Kg	1		6010B	Total/NA
Beryllium	0.633		0.258	0.141	mg/Kg	1		6010B	Total/NA
Boron	6.78	B	2.06	0.463	mg/Kg	1		6010B	Total/NA
Cadmium	4.24		0.515	0.139	mg/Kg	1		6010B	Total/NA
Calcium	11400		5.15	0.393	mg/Kg	1		6010B	Total/NA
Chromium	13.7		0.258	0.146	mg/Kg	1		6010B	Total/NA
Cobalt	0.649		0.258	0.153	mg/Kg	1		6010B	Total/NA
Copper	23.8		0.515	0.139	mg/Kg	1		6010B	Total/NA
Iron	9920		5.15	0.137	mg/Kg	1		6010B	Total/NA
Lead	6.83		0.515	0.136	mg/Kg	1		6010B	Total/NA
Magnesium	1960		5.15	0.174	mg/Kg	1		6010B	Total/NA
Manganese	172		0.258	0.143	mg/Kg	1		6010B	Total/NA
Molybdenum	8.67		0.258	0.136	mg/Kg	1		6010B	Total/NA
Nickel	41.7		0.258	0.149	mg/Kg	1		6010B	Total/NA
Phosphorus	1020	B	5.15	0.258	mg/Kg	1		6010B	Total/NA
Potassium	2180		25.8	1.80	mg/Kg	1		6010B	Total/NA
Silicon	115		5.15	1.36	mg/Kg	1		6010B	Total/NA
Sodium	446	B	25.8	1.88	mg/Kg	1		6010B	Total/NA
Strontium	151		1.55	0.142	mg/Kg	1		6010B	Total/NA
Titanium	175		1.55	0.142	mg/Kg	1		6010B	Total/NA
Vanadium	60.4		0.258	0.145	mg/Kg	1		6010B	Total/NA
Zinc	151		1.03	0.184	mg/Kg	1		6010B	Total/NA
Mercury	0.0466	J	0.0862	0.0140	mg/Kg	1		7471A	Total/NA
pH	7.0		0.01	0.01	S.U.	1		9045C	Total/NA
Alkalinity as CaCO3	5970		498		mg/Kg	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	5970		498		mg/Kg	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: CT814

Lab Sample ID: 570-34864-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	6700		1700	510	ug/Kg	500		8260B	Total/NA
1,3,5-Trimethylbenzene	2700		1700	480	ug/Kg	500		8260B	Total/NA
Benzene	1300		870	110	ug/Kg	500		8260B	Total/NA
Cyclohexane	3500	J	44000	2200	ug/Kg	500		8260B	Total/NA
Ethylbenzene	1400		870	130	ug/Kg	500		8260B	Total/NA
Hexane	970	J	4400	320	ug/Kg	500		8260B	Total/NA
m,p-Xylene	9200		1700	230	ug/Kg	500		8260B	Total/NA
Naphthalene	42000		8700	710	ug/Kg	500		8260B	Total/NA
n-Butylbenzene	1000		870	140	ug/Kg	500		8260B	Total/NA
N-Propylbenzene	740	J	1700	440	ug/Kg	500		8260B	Total/NA
o-Xylene	3000		870	490	ug/Kg	500		8260B	Total/NA
p-Isopropyltoluene	580	J	870	550	ug/Kg	500		8260B	Total/NA
Toluene	5900		870	450	ug/Kg	500		8260B	Total/NA
Trichloroethene	260	J	1700	260	ug/Kg	500		8260B	Total/NA
Xylenes, Total	12000		2600	720	ug/Kg	500		8260B	Total/NA
1-Methylnaphthalene	230		41	3.0	mg/Kg	50		8270C SIM	Total/NA
2-Methylnaphthalene	370		41	3.0	mg/Kg	50		8270C SIM	Total/NA
Acenaphthene	7.2	J	41	2.1	mg/Kg	50		8270C SIM	Total/NA
Anthracene	5.0	J	41	2.8	mg/Kg	50		8270C SIM	Total/NA
Benzo[a]anthracene	13	J	41	4.6	mg/Kg	50		8270C SIM	Total/NA
Chrysene	15	J	41	3.2	mg/Kg	50		8270C SIM	Total/NA
Fluoranthene	4.1	J	41	4.0	mg/Kg	50		8270C SIM	Total/NA
Fluorene	260		41	3.5	mg/Kg	50		8270C SIM	Total/NA
Naphthalene	91	B	41	3.2	mg/Kg	50		8270C SIM	Total/NA
Phenanthrene	380		41	3.5	mg/Kg	50		8270C SIM	Total/NA
Pyrene	12	J	41	3.1	mg/Kg	50		8270C SIM	Total/NA
1-Methylnaphthalene	280		200	23	mg/Kg	2		8270C	Total/NA
2-Methylnaphthalene	550		200	25	mg/Kg	2		8270C	Total/NA
Dibenzofuran	46	J	200	25	mg/Kg	2		8270C	Total/NA
Fluorene	320		200	26	mg/Kg	2		8270C	Total/NA
Naphthalene	120	J	200	24	mg/Kg	2		8270C	Total/NA
Phenanthrene	530		200	28	mg/Kg	2		8270C	Total/NA
Gasoline Range Organics (C4-C12)	360	Z	87	48	mg/Kg	500		8015B	Total/NA
C11-C12	3100	J	4000	2900	mg/Kg	100		8015B	Total/NA
C13-C14	21000		4000	2900	mg/Kg	100		8015B	Total/NA
C15-C16	41000		4000	2900	mg/Kg	100		8015B	Total/NA
C17-C18	67000		4000	2900	mg/Kg	100		8015B	Total/NA
C19-C20	52000		4000	2900	mg/Kg	100		8015B	Total/NA
C21-C22	38000		4000	2900	mg/Kg	100		8015B	Total/NA
C23-C24	30000		4000	2900	mg/Kg	100		8015B	Total/NA
C25-C28	53000		4000	2900	mg/Kg	100		8015B	Total/NA
C29-C32	50000		4000	2900	mg/Kg	100		8015B	Total/NA
C33-C36	28000		4000	2900	mg/Kg	100		8015B	Total/NA
C37-C40	8600		4000	2900	mg/Kg	100		8015B	Total/NA
C6-C44	390000		4000	2900	mg/Kg	100		8015B	Total/NA
Diesel Range Organics [C10-C28]	300000		4000	2900	mg/Kg	100		8015B	Total/NA
Chromium, hexavalent	0.17	J	1.0	0.066	ug/L	1		7199	TCLP
Aluminum	58.1	B	2.48	0.354	mg/Kg	1		6010B	Total/NA
Sulfur	415	^	4.95	0.790	mg/Kg	1		6010B	Total/NA
Antimony	0.980		0.743	0.148	mg/Kg	1		6010B	Total/NA
Arsenic	0.432	J B	0.743	0.256	mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: CT814 (Continued)

Lab Sample ID: 570-34864-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	63.9		0.495	0.152	mg/Kg	1		6010B	Total/NA
Boron	4.47	B	1.98	0.445	mg/Kg	1		6010B	Total/NA
Cadmium	0.148	J	0.495	0.134	mg/Kg	1		6010B	Total/NA
Calcium	155		4.95	0.377	mg/Kg	1		6010B	Total/NA
Chromium	0.176	J	0.248	0.141	mg/Kg	1		6010B	Total/NA
Cobalt	0.315		0.248	0.147	mg/Kg	1		6010B	Total/NA
Copper	1.12		0.495	0.134	mg/Kg	1		6010B	Total/NA
Iron	232	B	4.95	0.132	mg/Kg	1		6010B	Total/NA
Magnesium	28.2		4.95	0.167	mg/Kg	1		6010B	Total/NA
Manganese	3.12		0.248	0.138	mg/Kg	1		6010B	Total/NA
Molybdenum	0.267		0.248	0.131	mg/Kg	1		6010B	Total/NA
Nickel	5.96		0.248	0.144	mg/Kg	1		6010B	Total/NA
Phosphorus	14.3	B	4.95	0.248	mg/Kg	1		6010B	Total/NA
Potassium	38.1		24.8	1.73	mg/Kg	1		6010B	Total/NA
Silicon	19.0		4.95	1.31	mg/Kg	1		6010B	Total/NA
Silver	0.141	J	0.248	0.0849	mg/Kg	1		6010B	Total/NA
Sodium	83.7		24.8	1.80	mg/Kg	1		6010B	Total/NA
Strontium	2.21		1.49	0.137	mg/Kg	1		6010B	Total/NA
Tin	0.669	J	2.48	0.148	mg/Kg	1		6010B	Total/NA
Titanium	3.30		1.49	0.137	mg/Kg	1		6010B	Total/NA
Vanadium	3.61		0.248	0.140	mg/Kg	1		6010B	Total/NA
Zinc	2.16		0.990	0.176	mg/Kg	1		6010B	Total/NA
Mercury	0.0156	J	0.0847	0.0137	mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/15/20 01:34	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/15/20 01:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/15/20 01:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/15/20 01:34	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/15/20 01:34	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/15/20 01:34	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/15/20 01:34	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/15/20 01:34	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/15/20 01:34	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/15/20 01:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/15/20 01:34	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/15/20 01:34	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/15/20 01:34	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/15/20 01:34	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/15/20 01:34	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/15/20 01:34	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/15/20 01:34	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/15/20 01:34	1
1,3-Butadiene	ND		25	0.95	ug/L			08/15/20 01:34	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/15/20 01:34	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/15/20 01:34	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/15/20 01:34	1
1,4-Dioxane	ND		100	26	ug/L			08/15/20 01:34	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/15/20 01:34	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/15/20 01:34	1
2-Butanone	ND		20	3.6	ug/L			08/15/20 01:34	1
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/15/20 01:34	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/15/20 01:34	1
2-Hexanone	ND		10	5.3	ug/L			08/15/20 01:34	1
2-Methyl-2-butanol (TAA)	ND	*	50	15	ug/L			08/15/20 01:34	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/15/20 01:34	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/15/20 01:34	1
Acetone	ND		20	10	ug/L			08/15/20 01:34	1
Acetonitrile	ND		50	1.5	ug/L			08/15/20 01:34	1
Acrolein	ND		50	2.4	ug/L			08/15/20 01:34	1
Acrylonitrile	ND		20	3.1	ug/L			08/15/20 01:34	1
Benzene	ND		0.50	0.14	ug/L			08/15/20 01:34	1
Bromobenzene	ND		1.0	0.19	ug/L			08/15/20 01:34	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/15/20 01:34	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/15/20 01:34	1
Bromoform	ND		5.0	1.8	ug/L			08/15/20 01:34	1
Bromomethane	ND		50	19	ug/L			08/15/20 01:34	1
Carbon disulfide	ND		10	0.70	ug/L			08/15/20 01:34	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/15/20 01:34	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/15/20 01:34	1
Chloroethane	ND		5.0	0.76	ug/L			08/15/20 01:34	1
Chloroform	ND		1.0	0.18	ug/L			08/15/20 01:34	1
Chloromethane	ND		10	0.50	ug/L			08/15/20 01:34	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/15/20 01:34	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/15/20 01:34	1
Cyclohexane	ND		10	3.3	ug/L			08/15/20 01:34	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/15/20 01:34	1
Dibromomethane	ND		1.0	0.30	ug/L			08/15/20 01:34	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/15/20 01:34	1
Diethyl ether	ND		10	0.31	ug/L			08/15/20 01:34	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/15/20 01:34	1
Ethanol	ND		100	53	ug/L			08/15/20 01:34	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/15/20 01:34	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/15/20 01:34	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/15/20 01:34	1
Hexane	ND		5.0	0.95	ug/L			08/15/20 01:34	1
Iodomethane	ND		50	19	ug/L			08/15/20 01:34	1
Isobutyl alcohol	ND	*	50	20	ug/L			08/15/20 01:34	1
Isopropanol	ND		200	100	ug/L			08/15/20 01:34	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/15/20 01:34	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/15/20 01:34	1
Methylene Chloride	ND		10	4.0	ug/L			08/15/20 01:34	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/15/20 01:34	1
Naphthalene	ND		10	5.1	ug/L			08/15/20 01:34	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/15/20 01:34	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/15/20 01:34	1
o-Xylene	ND		1.0	0.15	ug/L			08/15/20 01:34	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/15/20 01:34	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/15/20 01:34	1
Styrene	ND		1.0	0.15	ug/L			08/15/20 01:34	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/15/20 01:34	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/15/20 01:34	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/15/20 01:34	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/15/20 01:34	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/15/20 01:34	1
Thiophene	ND		10	0.16	ug/L			08/15/20 01:34	1
Toluene	ND		1.0	0.13	ug/L			08/15/20 01:34	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/15/20 01:34	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/15/20 01:34	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/15/20 01:34	1
Trichloroethene	ND		1.0	0.24	ug/L			08/15/20 01:34	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/15/20 01:34	1
Vinyl acetate	ND		10	2.9	ug/L			08/15/20 01:34	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/15/20 01:34	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/15/20 01:34	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/15/20 01:34*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 129*		*08/15/20 01:34*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/15/20 01:34*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 128*		*08/15/20 01:34*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/15/20 01:34*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 03:46	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 03:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 03:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 03:46	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 03:46	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 03:46	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 03:46	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 03:46	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 03:46	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 03:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 03:46	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 03:46	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 03:46	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 03:46	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 03:46	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 03:46	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 03:46	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 03:46	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 03:46	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 03:46	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 03:46	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 03:46	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 03:46	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 03:46	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 03:46	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 03:46	1
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/06/20 03:46	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 03:46	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 03:46	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 03:46	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 03:46	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 03:46	1
Acetone	ND		20	10	ug/L			08/06/20 03:46	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 03:46	1
Acrolein	ND		50	2.4	ug/L			08/06/20 03:46	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 03:46	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 03:46	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 03:46	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 03:46	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 03:46	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 03:46	1
Bromomethane	ND		50	19	ug/L			08/06/20 03:46	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 03:46	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 03:46	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 03:46	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 03:46	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 03:46	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 03:46	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 03:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 03:46	1
Cyclohexane	ND		10	3.3	ug/L			08/06/20 03:46	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 03:46	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 03:46	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 03:46	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 03:46	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 03:46	1
Ethanol	ND		100	53	ug/L			08/06/20 03:46	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 03:46	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 03:46	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 03:46	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 03:46	1
Iodomethane	ND		50	19	ug/L			08/06/20 03:46	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 03:46	1
Isopropanol	ND		200	100	ug/L			08/06/20 03:46	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 03:46	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 03:46	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 03:46	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 03:46	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 03:46	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 03:46	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 03:46	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 03:46	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 03:46	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 03:46	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 03:46	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 03:46	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 03:46	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 03:46	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 03:46	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 03:46	1
Thiophene	ND		10	0.16	ug/L			08/06/20 03:46	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 03:46	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 03:46	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 03:46	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 03:46	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 03:46	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 03:46	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 03:46	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 03:46	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 03:46	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 03:46*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 129*		*08/06/20 03:46*	*1*
4-Bromofluorobenzene (Surr)	*98*		*77 - 120*		*08/06/20 03:46*	*1*
Dibromofluoromethane (Surr)	*112*		*80 - 128*		*08/06/20 03:46*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/06/20 03:46*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 04:15	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 04:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 04:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 04:15	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 04:15	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 04:15	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 04:15	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 04:15	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 04:15	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 04:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 04:15	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 04:15	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 04:15	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 04:15	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 04:15	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 04:15	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 04:15	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 04:15	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 04:15	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 04:15	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 04:15	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 04:15	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 04:15	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 04:15	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 04:15	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 04:15	1
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/06/20 04:15	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 04:15	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 04:15	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 04:15	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 04:15	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 04:15	1
Acetone	ND		20	10	ug/L			08/06/20 04:15	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 04:15	1
Acrolein	ND		50	2.4	ug/L			08/06/20 04:15	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 04:15	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 04:15	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 04:15	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 04:15	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 04:15	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 04:15	1
Bromomethane	ND		50	19	ug/L			08/06/20 04:15	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 04:15	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 04:15	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 04:15	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 04:15	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 04:15	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 04:15	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 04:15	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 04:15	1
Cyclohexane	ND		10	3.3	ug/L			08/06/20 04:15	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 04:15	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 04:15	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 04:15	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 04:15	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 04:15	1
Ethanol	ND		100	53	ug/L			08/06/20 04:15	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 04:15	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 04:15	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 04:15	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 04:15	1
Iodomethane	ND		50	19	ug/L			08/06/20 04:15	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 04:15	1
Isopropanol	ND		200	100	ug/L			08/06/20 04:15	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 04:15	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 04:15	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 04:15	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 04:15	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 04:15	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 04:15	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 04:15	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 04:15	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 04:15	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 04:15	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 04:15	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 04:15	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 04:15	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 04:15	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 04:15	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 04:15	1
Thiophene	ND		10	0.16	ug/L			08/06/20 04:15	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 04:15	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 04:15	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 04:15	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 04:15	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 04:15	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 04:15	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 04:15	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 04:15	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 04:15	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 04:15*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 129*		*08/06/20 04:15*	*1*
4-Bromofluorobenzene (Surr)	*103*		*77 - 120*		*08/06/20 04:15*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 128*		*08/06/20 04:15*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/06/20 04:15*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 00:48	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 00:48	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 00:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 00:48	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 00:48	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 00:48	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 00:48	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 00:48	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 00:48	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 00:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 00:48	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 00:48	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 00:48	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 00:48	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 00:48	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 00:48	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 00:48	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 00:48	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 00:48	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 00:48	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 00:48	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 00:48	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 00:48	1
2,2,4-Trimethylpentane	**4.9**	**J**	10	0.82	ug/L			08/06/20 00:48	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 00:48	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 00:48	1
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/06/20 00:48	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 00:48	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 00:48	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 00:48	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 00:48	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 00:48	1
Acetone	ND		20	10	ug/L			08/06/20 00:48	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 00:48	1
Acrolein	ND		50	2.4	ug/L			08/06/20 00:48	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 00:48	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 00:48	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 00:48	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 00:48	1
Bromodichloromethane	**3.6**		1.0	0.23	ug/L			08/06/20 00:48	1
Bromoform	**5.5**		5.0	1.8	ug/L			08/06/20 00:48	1
Bromomethane	ND		50	19	ug/L			08/06/20 00:48	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 00:48	1
Carbon tetrachloride	**0.26**	**J**	0.50	0.23	ug/L			08/06/20 00:48	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 00:48	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 00:48	1
Chloroform	**8.5**		1.0	0.18	ug/L			08/06/20 00:48	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 00:48	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 00:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 00:48	1
Cyclohexane	ND		10	3.3	ug/L			08/06/20 00:48	1
Dibromochloromethane	**5.8**		2.0	0.46	ug/L			08/06/20 00:48	1
Dibromomethane	**1.2**		1.0	0.30	ug/L			08/06/20 00:48	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 00:48	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 00:48	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 00:48	1
Ethanol	ND		100	53	ug/L			08/06/20 00:48	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 00:48	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 00:48	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 00:48	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 00:48	1
Iodomethane	ND		50	19	ug/L			08/06/20 00:48	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 00:48	1
Isopropanol	ND		200	100	ug/L			08/06/20 00:48	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 00:48	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 00:48	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 00:48	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 00:48	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 00:48	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 00:48	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 00:48	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 00:48	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 00:48	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 00:48	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 00:48	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 00:48	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 00:48	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 00:48	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 00:48	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 00:48	1
Thiophene	ND		10	0.16	ug/L			08/06/20 00:48	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 00:48	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 00:48	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 00:48	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 00:48	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 00:48	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 00:48	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 00:48	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 00:48	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 00:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 00:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*80 - 129*		*08/06/20 00:48*	*1*
4-Bromofluorobenzene (Surr)	*100*		*77 - 120*		*08/06/20 00:48*	*1*
Dibromofluoromethane (Surr)	*108*		*80 - 128*		*08/06/20 00:48*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/06/20 00:48*	*1*

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-1
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 01:08	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 01:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 01:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 01:08	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 01:08	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 01:08	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 01:08	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 01:08	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 01:08	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 01:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 01:08	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 01:08	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 01:08	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 01:08	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 01:08	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 01:08	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 01:08	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 01:08	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 01:08	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 01:08	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 01:08	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 01:08	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 01:08	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 01:08	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 01:08	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 01:08	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 01:08	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 01:08	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 01:08	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 01:08	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 01:08	1
Acetone	ND		20	10	ug/L			08/06/20 01:08	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 01:08	1
Acrolein	ND		50	2.4	ug/L			08/06/20 01:08	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 01:08	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 01:08	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 01:08	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 01:08	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 01:08	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 01:08	1
Bromomethane	ND		50	19	ug/L			08/06/20 01:08	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 01:08	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 01:08	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 01:08	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 01:08	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 01:08	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 01:08	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 01:08	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 01:08	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-1
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		10	3.3	ug/L			08/06/20 01:08	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 01:08	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 01:08	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 01:08	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 01:08	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 01:08	1
Ethanol	ND		100	53	ug/L			08/06/20 01:08	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 01:08	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 01:08	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 01:08	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 01:08	1
Iodomethane	ND		50	19	ug/L			08/06/20 01:08	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 01:08	1
Isopropanol	ND		200	100	ug/L			08/06/20 01:08	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 01:08	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 01:08	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 01:08	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 01:08	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 01:08	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 01:08	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 01:08	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 01:08	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 01:08	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 01:08	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 01:08	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 01:08	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 01:08	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 01:08	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 01:08	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 01:08	1
Thiophene	ND		10	0.16	ug/L			08/06/20 01:08	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 01:08	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 01:08	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 01:08	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 01:08	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 01:08	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 01:08	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 01:08	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 01:08	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 01:08	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 01:08*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*80 - 129*		*08/06/20 01:08*	*1*
4-Bromofluorobenzene (Surr)	*97*		*77 - 120*		*08/06/20 01:08*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 128*		*08/06/20 01:08*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*08/06/20 01:08*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-2
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 01:37	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 01:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 01:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 01:37	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 01:37	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 01:37	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 01:37	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 01:37	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 01:37	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 01:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 01:37	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 01:37	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 01:37	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 01:37	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 01:37	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 01:37	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 01:37	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 01:37	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 01:37	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 01:37	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 01:37	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 01:37	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 01:37	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 01:37	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 01:37	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 01:37	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 01:37	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 01:37	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 01:37	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 01:37	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 01:37	1
Acetone	ND		20	10	ug/L			08/06/20 01:37	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 01:37	1
Acrolein	ND		50	2.4	ug/L			08/06/20 01:37	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 01:37	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 01:37	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 01:37	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 01:37	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 01:37	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 01:37	1
Bromomethane	ND		50	19	ug/L			08/06/20 01:37	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 01:37	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 01:37	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 01:37	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 01:37	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 01:37	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 01:37	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 01:37	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 01:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-2
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		10	3.3	ug/L			08/06/20 01:37	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 01:37	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 01:37	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 01:37	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 01:37	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 01:37	1
Ethanol	ND		100	53	ug/L			08/06/20 01:37	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 01:37	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 01:37	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 01:37	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 01:37	1
Iodomethane	ND		50	19	ug/L			08/06/20 01:37	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 01:37	1
Isopropanol	ND		200	100	ug/L			08/06/20 01:37	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 01:37	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 01:37	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 01:37	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 01:37	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 01:37	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 01:37	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 01:37	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 01:37	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 01:37	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 01:37	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 01:37	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 01:37	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 01:37	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 01:37	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 01:37	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 01:37	1
Thiophene	ND		10	0.16	ug/L			08/06/20 01:37	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 01:37	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 01:37	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 01:37	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 01:37	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 01:37	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 01:37	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 01:37	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 01:37	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 01:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 01:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*80 - 129*		*08/06/20 01:37*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/06/20 01:37*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 128*		*08/06/20 01:37*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/06/20 01:37*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-3
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 02:07	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 02:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 02:07	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 02:07	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 02:07	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 02:07	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 02:07	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 02:07	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 02:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 02:07	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 02:07	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 02:07	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 02:07	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 02:07	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 02:07	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 02:07	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 02:07	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 02:07	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 02:07	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 02:07	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 02:07	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 02:07	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 02:07	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 02:07	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 02:07	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 02:07	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 02:07	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 02:07	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 02:07	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 02:07	1
Acetone	ND		20	10	ug/L			08/06/20 02:07	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 02:07	1
Acrolein	ND		50	2.4	ug/L			08/06/20 02:07	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 02:07	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 02:07	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 02:07	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 02:07	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 02:07	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 02:07	1
Bromomethane	ND		50	19	ug/L			08/06/20 02:07	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 02:07	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 02:07	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 02:07	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 02:07	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 02:07	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 02:07	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 02:07	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 02:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-3
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		10	3.3	ug/L			08/06/20 02:07	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 02:07	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 02:07	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 02:07	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 02:07	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 02:07	1
Ethanol	ND		100	53	ug/L			08/06/20 02:07	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 02:07	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 02:07	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 02:07	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 02:07	1
Iodomethane	ND		50	19	ug/L			08/06/20 02:07	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 02:07	1
Isopropanol	ND		200	100	ug/L			08/06/20 02:07	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 02:07	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 02:07	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 02:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 02:07	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 02:07	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 02:07	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 02:07	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 02:07	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 02:07	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 02:07	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 02:07	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 02:07	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 02:07	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 02:07	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 02:07	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 02:07	1
Thiophene	ND		10	0.16	ug/L			08/06/20 02:07	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 02:07	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 02:07	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 02:07	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 02:07	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 02:07	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 02:07	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 02:07	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 02:07	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 02:07	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 02:07*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 129*		*08/06/20 02:07*	*1*
4-Bromofluorobenzene (Surr)	*95*		*77 - 120*		*08/06/20 02:07*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 128*		*08/06/20 02:07*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*08/06/20 02:07*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-4
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 02:36	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 02:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 02:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 02:36	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 02:36	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 02:36	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 02:36	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 02:36	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 02:36	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 02:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 02:36	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 02:36	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 02:36	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 02:36	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 02:36	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 02:36	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 02:36	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 02:36	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 02:36	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 02:36	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 02:36	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 02:36	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 02:36	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 02:36	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 02:36	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 02:36	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 02:36	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 02:36	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 02:36	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 02:36	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 02:36	1
Acetone	ND		20	10	ug/L			08/06/20 02:36	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 02:36	1
Acrolein	ND		50	2.4	ug/L			08/06/20 02:36	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 02:36	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 02:36	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 02:36	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 02:36	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 02:36	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 02:36	1
Bromomethane	ND		50	19	ug/L			08/06/20 02:36	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 02:36	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 02:36	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 02:36	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 02:36	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 02:36	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 02:36	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 02:36	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 02:36	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-4
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		10	3.3	ug/L			08/06/20 02:36	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 02:36	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 02:36	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 02:36	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 02:36	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 02:36	1
Ethanol	ND		100	53	ug/L			08/06/20 02:36	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 02:36	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 02:36	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 02:36	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 02:36	1
Iodomethane	ND		50	19	ug/L			08/06/20 02:36	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 02:36	1
Isopropanol	ND		200	100	ug/L			08/06/20 02:36	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 02:36	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 02:36	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 02:36	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 02:36	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 02:36	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 02:36	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 02:36	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 02:36	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 02:36	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 02:36	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 02:36	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 02:36	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 02:36	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 02:36	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 02:36	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 02:36	1
Thiophene	ND		10	0.16	ug/L			08/06/20 02:36	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 02:36	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 02:36	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 02:36	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 02:36	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 02:36	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 02:36	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 02:36	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 02:36	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 02:36	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 02:36*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 129*		*08/06/20 02:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/06/20 02:36*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 128*		*08/06/20 02:36*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/06/20 02:36*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-5
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 03:05	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 03:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 03:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 03:05	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 03:05	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 03:05	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 03:05	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 03:05	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 03:05	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 03:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 03:05	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 03:05	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 03:05	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 03:05	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 03:05	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 03:05	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 03:05	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 03:05	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 03:05	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 03:05	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 03:05	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 03:05	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 03:05	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 03:05	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 03:05	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 03:05	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 03:05	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 03:05	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 03:05	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 03:05	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 03:05	1
Acetone	ND		20	10	ug/L			08/06/20 03:05	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 03:05	1
Acrolein	ND		50	2.4	ug/L			08/06/20 03:05	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 03:05	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 03:05	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 03:05	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 03:05	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 03:05	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 03:05	1
Bromomethane	ND		50	19	ug/L			08/06/20 03:05	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 03:05	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 03:05	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 03:05	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 03:05	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 03:05	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 03:05	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 03:05	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 03:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-5
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		10	3.3	ug/L			08/06/20 03:05	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 03:05	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 03:05	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 03:05	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 03:05	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 03:05	1
Ethanol	ND		100	53	ug/L			08/06/20 03:05	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 03:05	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 03:05	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 03:05	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 03:05	1
Iodomethane	ND		50	19	ug/L			08/06/20 03:05	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 03:05	1
Isopropanol	ND		200	100	ug/L			08/06/20 03:05	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 03:05	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 03:05	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 03:05	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 03:05	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 03:05	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 03:05	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 03:05	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 03:05	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 03:05	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 03:05	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 03:05	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 03:05	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 03:05	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 03:05	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 03:05	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 03:05	1
Thiophene	ND		10	0.16	ug/L			08/06/20 03:05	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 03:05	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 03:05	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 03:05	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 03:05	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 03:05	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 03:05	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 03:05	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 03:05	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 03:05	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 03:05*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 129*		*08/06/20 03:05*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/06/20 03:05*	*1*
Dibromofluoromethane (Surr)	*110*		*80 - 128*		*08/06/20 03:05*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/06/20 03:05*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: TB-6
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/06/20 03:35	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/06/20 03:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/06/20 03:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/06/20 03:35	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/06/20 03:35	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/06/20 03:35	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/06/20 03:35	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/06/20 03:35	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/06/20 03:35	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/06/20 03:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/06/20 03:35	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/06/20 03:35	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/06/20 03:35	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/06/20 03:35	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/06/20 03:35	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/06/20 03:35	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/06/20 03:35	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/06/20 03:35	1
1,3-Butadiene	ND		25	0.95	ug/L			08/06/20 03:35	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/06/20 03:35	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/06/20 03:35	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/06/20 03:35	1
1,4-Dioxane	ND		100	26	ug/L			08/06/20 03:35	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/06/20 03:35	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/06/20 03:35	1
2-Butanone	ND		20	3.6	ug/L			08/06/20 03:35	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/06/20 03:35	1
2-Hexanone	ND		10	5.3	ug/L			08/06/20 03:35	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/06/20 03:35	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/06/20 03:35	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/06/20 03:35	1
Acetone	ND		20	10	ug/L			08/06/20 03:35	1
Acetonitrile	ND		50	1.5	ug/L			08/06/20 03:35	1
Acrolein	ND		50	2.4	ug/L			08/06/20 03:35	1
Acrylonitrile	ND		20	3.1	ug/L			08/06/20 03:35	1
Benzene	ND		0.50	0.14	ug/L			08/06/20 03:35	1
Bromobenzene	ND		1.0	0.19	ug/L			08/06/20 03:35	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/06/20 03:35	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/06/20 03:35	1
Bromoform	ND		5.0	1.8	ug/L			08/06/20 03:35	1
Bromomethane	ND		50	19	ug/L			08/06/20 03:35	1
Carbon disulfide	ND		10	0.70	ug/L			08/06/20 03:35	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/06/20 03:35	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/06/20 03:35	1
Chloroethane	ND		5.0	0.76	ug/L			08/06/20 03:35	1
Chloroform	ND		1.0	0.18	ug/L			08/06/20 03:35	1
Chloromethane	ND		10	0.50	ug/L			08/06/20 03:35	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/06/20 03:35	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/06/20 03:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TB-6
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		10	3.3	ug/L			08/06/20 03:35	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/06/20 03:35	1
Dibromomethane	ND		1.0	0.30	ug/L			08/06/20 03:35	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/06/20 03:35	1
Diethyl ether	ND		10	0.31	ug/L			08/06/20 03:35	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/06/20 03:35	1
Ethanol	ND		100	53	ug/L			08/06/20 03:35	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/06/20 03:35	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/06/20 03:35	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/06/20 03:35	1
Hexane	ND		5.0	0.95	ug/L			08/06/20 03:35	1
Iodomethane	ND		50	19	ug/L			08/06/20 03:35	1
Isobutyl alcohol	ND		50	20	ug/L			08/06/20 03:35	1
Isopropanol	ND		200	100	ug/L			08/06/20 03:35	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/06/20 03:35	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/06/20 03:35	1
Methylene Chloride	ND		10	4.0	ug/L			08/06/20 03:35	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/06/20 03:35	1
Naphthalene	ND		10	5.1	ug/L			08/06/20 03:35	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/06/20 03:35	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/06/20 03:35	1
o-Xylene	ND		1.0	0.15	ug/L			08/06/20 03:35	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/06/20 03:35	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/06/20 03:35	1
Styrene	ND		1.0	0.15	ug/L			08/06/20 03:35	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/06/20 03:35	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/06/20 03:35	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/06/20 03:35	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/06/20 03:35	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/06/20 03:35	1
Thiophene	ND		10	0.16	ug/L			08/06/20 03:35	1
Toluene	ND		1.0	0.13	ug/L			08/06/20 03:35	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/06/20 03:35	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/06/20 03:35	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/06/20 03:35	1
Trichloroethene	ND		1.0	0.24	ug/L			08/06/20 03:35	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/06/20 03:35	1
Vinyl acetate	ND		10	2.9	ug/L			08/06/20 03:35	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/06/20 03:35	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/06/20 03:35	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/06/20 03:35*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 129*		*08/06/20 03:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/06/20 03:35*	*1*
Dibromofluoromethane (Surr)	*111*		*80 - 128*		*08/06/20 03:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*08/06/20 03:35*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.5	0.35	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1,1-Trichloroethane	ND		1.5	0.33	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1,2,2-Tetrachloroethane	ND		2.9	0.51	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15	0.52	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1,2-Trichloroethane	ND		1.5	0.52	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1-Dichloroethane	ND		1.5	0.31	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1-Dichloroethene	ND		1.5	0.51	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,1-Dichloropropene	ND		2.9	0.48	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2,3-Trichlorobenzene	ND		2.9	1.3	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2,3-Trichloropropane	ND		2.9	1.2	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2,4-Trichlorobenzene	ND		2.9	0.45	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2,4-Trimethylbenzene	ND		2.9	0.86	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2-Dibromo-3-Chloropropane	ND		15	2.5	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2-Dibromoethane	ND		1.5	0.37	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2-Dichlorobenzene	ND		1.5	0.33	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2-Dichloroethane	ND		1.5	0.46	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,2-Dichloropropane	ND		1.5	0.64	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,3,5-Trimethylbenzene	ND		2.9	0.80	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,3-Butadiene	ND	*	1.5	1.2	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,3-Dichlorobenzene	ND		1.5	0.26	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,3-Dichloropropane	ND		1.5	0.37	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,4-Dichlorobenzene	ND		1.5	0.33	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
1,4-Dioxane	ND		150	71	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2,2,4-Trimethylpentane	ND		1.5	0.78	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2,2-Dichloropropane	ND		7.3	0.48	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2-Butanone	**11**	**J**	29	5.5	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2-Chloroethyl vinyl ether	ND		73	12	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2-Chlorotoluene	ND		1.5	0.34	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2-Hexanone	ND		29	2.6	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
2-Methyl-2-butanol (TAA)	ND		73	31	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
4-Chlorotoluene	ND		1.5	0.31	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
4-Methyl-2-pentanone	ND		29	6.3	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Acetone	**110**		73	9.1	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Acetonitrile	ND		150	3.6	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Acrolein	ND	*	73	18	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Acrylonitrile	ND		150	4.4	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Benzene	**0.45**	**J**	1.5	0.19	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Bromobenzene	ND		1.5	0.31	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Bromochloromethane	ND		2.9	1.0	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Bromodichloromethane	ND		1.5	0.34	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Bromoform	ND		7.3	1.2	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Bromomethane	ND		29	14	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Carbon disulfide	ND		15	0.45	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Carbon tetrachloride	ND		1.5	0.41	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Chlorobenzene	ND		1.5	0.33	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Chloroethane	ND		2.9	2.2	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Chloroform	ND		1.5	0.35	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Chloromethane	ND		29	0.45	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
cis-1,2-Dichloroethene	ND		1.5	0.41	ug/Kg		08/05/20 12:33	08/05/20 23:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.5	0.37	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Cyclohexane	ND		73	3.7	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Dibromochloromethane	ND		2.9	0.84	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Dibromomethane	ND		1.5	1.1	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Dichlorodifluoromethane	ND		2.9	0.65	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Diethyl ether	ND		29	8.6	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Di-isopropyl ether (DIPE)	ND		1.5	0.71	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Ethanol	ND		730	120	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Ethylbenzene	**0.70**	**J**	1.5	0.22	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Ethyl-t-butyl ether (ETBE)	ND		1.5	0.74	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Hexachloro-1,3-butadiene	ND		7.3	0.47	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Hexane	**1.0**	**J**	7.3	0.54	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Iodomethane	ND		73	12	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Isobutyl alcohol	ND		73	6.7	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Isopropanol	**53**	**J**	150	41	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Isopropylbenzene	ND		1.5	0.80	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
m,p-Xylene	ND		2.9	0.39	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Methylene Chloride	ND		15	2.0	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.9	0.43	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Naphthalene	ND		15	1.2	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
n-Butylbenzene	ND		1.5	0.23	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
N-Propylbenzene	ND		2.9	0.74	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
o-Xylene	ND		1.5	0.81	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
p-Isopropyltoluene	ND		1.5	0.92	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
sec-Butylbenzene	ND		1.5	0.85	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Styrene	ND		1.5	0.89	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Tert-amyl-methyl ether (TAME)	ND		1.5	0.52	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
tert-Butyl alcohol (TBA)	ND		29	7.6	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
tert-Butylbenzene	ND		1.5	0.22	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Tetrachloroethene	ND		1.5	0.31	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Tetrahydrofuran	ND		29	5.4	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Thiophene	ND		7.3	0.80	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Toluene	**1.1**	**J**	1.5	0.75	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
trans-1,2-Dichloroethene	ND		1.5	0.74	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
trans-1,3-Dichloropropene	ND		2.9	0.89	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
trans-1,4-Dichloro-2-butene	ND		15	3.5	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Trichloroethene	ND		2.9	0.44	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Trichlorofluoromethane	ND		15	0.55	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Vinyl acetate	ND		15	7.0	ug/Kg		08/05/20 12:33	08/05/20 23:48	1
Vinyl chloride	ND		1.5	0.74	ug/Kg		08/05/20 12:33	08/05/20 23:48	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:33*	*08/05/20 23:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*08/05/20 12:33*	*08/05/20 23:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:33*	*08/05/20 23:48*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*08/05/20 12:33*	*08/05/20 23:48*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:33*	*08/05/20 23:48*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2	0.30	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1,1-Trichloroethane	ND		1.2	0.28	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1,2,2-Tetrachloroethane	ND		2.5	0.43	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	0.44	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1,2-Trichloroethane	ND		1.2	0.44	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1-Dichloroethane	ND		1.2	0.26	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1-Dichloroethene	ND		1.2	0.43	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,1-Dichloropropene	ND		2.5	0.41	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2,3-Trichlorobenzene	ND		2.5	1.1	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2,3-Trichloropropane	ND		2.5	1.0	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2,4-Trichlorobenzene	ND		2.5	0.38	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2,4-Trimethylbenzene	ND		2.5	0.73	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2-Dibromo-3-Chloropropane	ND		12	2.2	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2-Dibromoethane	ND		1.2	0.32	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2-Dichlorobenzene	ND		1.2	0.28	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2-Dichloroethane	ND		1.2	0.39	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,2-Dichloropropane	ND		1.2	0.54	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,3,5-Trimethylbenzene	ND		2.5	0.68	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,3-Butadiene	ND	*	1.2	0.98	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,3-Dichlorobenzene	ND		1.2	0.22	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,3-Dichloropropane	ND		1.2	0.31	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,4-Dichlorobenzene	ND		1.2	0.27	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
1,4-Dioxane	ND		120	60	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2,2,4-Trimethylpentane	ND		1.2	0.66	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2,2-Dichloropropane	ND		6.2	0.41	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2-Butanone	ND		25	4.7	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2-Chloroethyl vinyl ether	ND		62	10	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2-Chlorotoluene	ND		1.2	0.29	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2-Hexanone	ND		25	2.2	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
2-Methyl-2-butanol (TAA)	ND		62	27	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
4-Chlorotoluene	ND		1.2	0.26	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
4-Methyl-2-pentanone	ND		25	5.3	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Acetone	**53**	**J**	62	7.7	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Acetonitrile	ND		120	3.1	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Acrolein	ND	*	62	15	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Acrylonitrile	ND		120	3.7	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Benzene	**0.62**	**J**	1.2	0.16	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Bromobenzene	ND		1.2	0.26	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Bromochloromethane	ND		2.5	0.85	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Bromodichloromethane	ND		1.2	0.29	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Bromoform	ND		6.2	0.98	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Bromomethane	ND		25	12	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Carbon disulfide	ND		12	0.38	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Carbon tetrachloride	ND		1.2	0.35	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Chlorobenzene	ND		1.2	0.28	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Chloroethane	ND		2.5	1.8	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Chloroform	ND		1.2	0.30	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Chloromethane	ND		25	0.38	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
cis-1,2-Dichloroethene	ND		1.2	0.35	ug/Kg		08/05/20 12:33	08/06/20 00:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.2	0.31	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Cyclohexane	ND		62	3.2	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Dibromochloromethane	ND		2.5	0.71	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Dibromomethane	ND		1.2	0.96	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Dichlorodifluoromethane	ND		2.5	0.55	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Diethyl ether	ND		25	7.3	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Di-isopropyl ether (DIPE)	ND		1.2	0.60	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Ethanol	ND		620	100	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Ethylbenzene	**1.2**		1.2	0.19	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Ethyl-t-butyl ether (ETBE)	ND		1.2	0.63	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Hexachloro-1,3-butadiene	ND		6.2	0.40	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Hexane	**1.4**	**J**	6.2	0.45	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Iodomethane	ND		62	10	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Isobutyl alcohol	ND		62	5.6	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Isopropanol	**150**		120	34	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Isopropylbenzene	ND		1.2	0.68	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
m,p-Xylene	ND		2.5	0.33	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Methylene Chloride	ND		12	1.7	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Methyl-t-Butyl Ether (MTBE)	ND		2.5	0.37	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Naphthalene	ND		12	1.0	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
n-Butylbenzene	ND		1.2	0.19	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
N-Propylbenzene	ND		2.5	0.62	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
o-Xylene	ND		1.2	0.69	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
p-Isopropyltoluene	ND		1.2	0.78	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
sec-Butylbenzene	ND		1.2	0.72	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Styrene	ND		1.2	0.75	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Tert-amyl-methyl ether (TAME)	ND		1.2	0.44	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
tert-Butyl alcohol (TBA)	ND		25	6.4	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
tert-Butylbenzene	ND		1.2	0.19	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Tetrachloroethene	ND		1.2	0.26	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Tetrahydrofuran	ND		25	4.6	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Thiophene	ND		6.2	0.68	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Toluene	**1.4**		1.2	0.64	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
trans-1,2-Dichloroethene	ND		1.2	0.63	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
trans-1,3-Dichloropropene	ND		2.5	0.75	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
trans-1,4-Dichloro-2-butene	ND		12	2.9	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Trichloroethene	ND		2.5	0.37	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Trichlorofluoromethane	ND		12	0.46	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Vinyl acetate	ND		12	5.9	ug/Kg		08/05/20 12:33	08/06/20 00:16	1
Vinyl chloride	ND		1.2	0.62	ug/Kg		08/05/20 12:33	08/06/20 00:16	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:33*	*08/06/20 00:16*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*08/05/20 12:33*	*08/06/20 00:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:33*	*08/06/20 00:16*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*08/05/20 12:33*	*08/06/20 00:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:33*	*08/06/20 00:16*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.5	0.36	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1,1-Trichloroethane	ND		1.5	0.34	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1,2,2-Tetrachloroethane	ND		3.0	0.52	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15	0.53	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1,2-Trichloroethane	ND		1.5	0.53	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1-Dichloroethane	ND		1.5	0.32	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1-Dichloroethene	ND		1.5	0.52	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,1-Dichloropropene	ND		3.0	0.49	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2,3-Trichlorobenzene	ND		3.0	1.4	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2,3-Trichloropropane	ND		3.0	1.2	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2,4-Trichlorobenzene	ND		3.0	0.46	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2,4-Trimethylbenzene	ND		3.0	0.88	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2-Dibromo-3-Chloropropane	ND		15	2.6	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2-Dibromoethane	ND		1.5	0.38	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2-Dichlorobenzene	ND		1.5	0.34	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2-Dichloroethane	ND		1.5	0.47	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,2-Dichloropropane	ND		1.5	0.65	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,3,5-Trimethylbenzene	ND		3.0	0.82	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,3-Butadiene	ND	*	1.5	1.2	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,3-Dichlorobenzene	ND		1.5	0.26	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,3-Dichloropropane	ND		1.5	0.38	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,4-Dichlorobenzene	ND		1.5	0.33	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
1,4-Dioxane	ND		150	72	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2,2,4-Trimethylpentane	ND		1.5	0.80	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2,2-Dichloropropane	ND		7.5	0.49	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2-Butanone	**5.6**	**J**	30	5.6	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2-Chloroethyl vinyl ether	ND		75	13	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2-Chlorotoluene	ND		1.5	0.35	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2-Hexanone	ND		30	2.6	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
2-Methyl-2-butanol (TAA)	ND		75	32	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
4-Chlorotoluene	ND		1.5	0.32	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
4-Methyl-2-pentanone	ND		30	6.4	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Acetone	**67**	**J**	75	9.3	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Acetonitrile	ND		150	3.7	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Acrolein	ND	*	75	19	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Acrylonitrile	ND		150	4.5	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Benzene	**0.74**	**J**	1.5	0.19	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Bromobenzene	ND		1.5	0.31	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Bromochloromethane	ND		3.0	1.0	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Bromodichloromethane	ND		1.5	0.35	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Bromoform	ND		7.5	1.2	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Bromomethane	ND		30	14	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Carbon disulfide	ND		15	0.46	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Carbon tetrachloride	ND		1.5	0.42	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Chlorobenzene	ND		1.5	0.33	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Chloroethane	ND		3.0	2.2	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Chloroform	ND		1.5	0.36	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Chloromethane	ND		30	0.45	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
cis-1,2-Dichloroethene	ND		1.5	0.42	ug/Kg		08/05/20 12:33	08/06/20 00:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.5	0.38	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Cyclohexane	ND		75	3.8	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Dibromochloromethane	ND		3.0	0.85	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Dibromomethane	ND		1.5	1.2	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Dichlorodifluoromethane	ND		3.0	0.66	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Diethyl ether	ND		30	8.8	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Di-isopropyl ether (DIPE)	ND		1.5	0.72	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Ethanol	ND		750	120	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Ethylbenzene	**0.94**	**J**	1.5	0.23	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Ethyl-t-butyl ether (ETBE)	ND		1.5	0.76	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Hexachloro-1,3-butadiene	ND		7.5	0.48	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Hexane	**1.1**	**J**	7.5	0.55	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Iodomethane	ND		75	12	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Isobutyl alcohol	ND		75	6.8	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Isopropanol	**85**	**J**	150	41	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Isopropylbenzene	ND		1.5	0.82	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
m,p-Xylene	**0.41**	**J**	3.0	0.40	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Methylene Chloride	ND		15	2.0	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Methyl-t-Butyl Ether (MTBE)	ND		3.0	0.44	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Naphthalene	ND		15	1.2	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
n-Butylbenzene	ND		1.5	0.23	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
N-Propylbenzene	ND		3.0	0.75	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
o-Xylene	ND		1.5	0.83	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
p-Isopropyltoluene	ND		1.5	0.94	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
sec-Butylbenzene	ND		1.5	0.86	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Styrene	ND		1.5	0.90	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Tert-amyl-methyl ether (TAME)	ND		1.5	0.53	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
tert-Butyl alcohol (TBA)	ND		30	7.7	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
tert-Butylbenzene	ND		1.5	0.23	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Tetrachloroethene	ND		1.5	0.31	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Tetrahydrofuran	ND		30	5.5	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Thiophene	ND		7.5	0.82	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Toluene	**1.4**	**J**	1.5	0.77	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
trans-1,2-Dichloroethene	ND		1.5	0.76	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
trans-1,3-Dichloropropene	ND		3.0	0.90	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
trans-1,4-Dichloro-2-butene	ND		15	3.5	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Trichloroethene	ND		3.0	0.45	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Trichlorofluoromethane	ND		15	0.56	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Vinyl acetate	ND		15	7.1	ug/Kg		08/05/20 12:33	08/06/20 00:43	1
Vinyl chloride	ND		1.5	0.75	ug/Kg		08/05/20 12:33	08/06/20 00:43	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:33*	*08/06/20 00:43*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*08/05/20 12:33*	*08/06/20 00:43*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:33*	*08/06/20 00:43*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*08/05/20 12:33*	*08/06/20 00:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:33*	*08/06/20 00:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1,2,2-Tetrachloroethane	ND		2.1	0.36	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.36	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1,2-Trichloroethane	ND		1.0	0.37	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1-Dichloroethane	ND		1.0	0.22	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1-Dichloroethene	ND		1.0	0.36	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,1-Dichloropropene	ND		2.1	0.34	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2,3-Trichlorobenzene	ND		2.1	0.95	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2,3-Trichloropropane	ND		2.1	0.86	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2,4-Trichlorobenzene	ND		2.1	0.32	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2,4-Trimethylbenzene	ND		2.1	0.61	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2-Dibromo-3-Chloropropane	ND		10	1.8	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2-Dibromoethane	ND		1.0	0.26	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2-Dichlorobenzene	ND		1.0	0.24	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2-Dichloroethane	ND		1.0	0.32	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,2-Dichloropropane	ND		1.0	0.45	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,3,5-Trimethylbenzene	ND		2.1	0.57	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,3-Butadiene	ND	*	1.0	0.82	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,3-Dichloropropane	ND		1.0	0.26	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
1,4-Dioxane	ND		100	50	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2,2,4-Trimethylpentane	ND		1.0	0.55	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2,2-Dichloropropane	ND		5.2	0.34	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2-Butanone	ND		21	3.9	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2-Chloroethyl vinyl ether	ND		52	8.7	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2-Chlorotoluene	ND		1.0	0.24	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2-Hexanone	ND		21	1.8	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
2-Methyl-2-butanol (TAA)	ND		52	22	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
4-Chlorotoluene	ND		1.0	0.22	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
4-Methyl-2-pentanone	ND		21	4.5	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Acetone	**44**	**J**	52	6.5	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Acetonitrile	ND		100	2.6	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Acrolein	ND	*	52	13	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Acrylonitrile	ND		100	3.1	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Benzene	**1.4**		1.0	0.13	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Bromobenzene	ND		1.0	0.22	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Bromochloromethane	ND		2.1	0.71	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Bromodichloromethane	ND		1.0	0.24	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Bromoform	ND		5.2	0.82	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Bromomethane	ND		21	9.8	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Carbon disulfide	**1.5**	**J**	10	0.32	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Carbon tetrachloride	ND		1.0	0.29	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Chlorobenzene	ND		1.0	0.23	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Chloroethane	ND		2.1	1.5	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Chloroform	ND		1.0	0.25	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Chloromethane	ND		21	0.31	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
cis-1,2-Dichloroethene	ND		1.0	0.29	ug/Kg		08/05/20 12:33	08/06/20 01:11	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.26	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Cyclohexane	ND		52	2.6	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Dibromochloromethane	ND		2.1	0.59	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Dibromomethane	ND		1.0	0.80	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Dichlorodifluoromethane	ND		2.1	0.46	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Diethyl ether	ND		21	6.1	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Di-isopropyl ether (DIPE)	ND		1.0	0.50	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Ethanol	ND		520	87	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Ethylbenzene	**1.0**		1.0	0.16	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.52	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Hexachloro-1,3-butadiene	ND		5.2	0.33	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Hexane	**2.0**	**J**	5.2	0.38	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Iodomethane	ND		52	8.6	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Isobutyl alcohol	ND		52	4.7	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Isopropanol	ND		100	29	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Isopropylbenzene	ND		1.0	0.57	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
m,p-Xylene	**0.61**	**J**	2.1	0.28	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Methylene Chloride	ND		10	1.4	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1	0.31	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Naphthalene	ND		10	0.84	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
n-Butylbenzene	ND		1.0	0.16	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
N-Propylbenzene	ND		2.1	0.52	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
o-Xylene	ND		1.0	0.58	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
p-Isopropyltoluene	ND		1.0	0.65	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
sec-Butylbenzene	ND		1.0	0.60	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Styrene	ND		1.0	0.63	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.36	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
tert-Butyl alcohol (TBA)	ND		21	5.4	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
tert-Butylbenzene	ND		1.0	0.16	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Tetrahydrofuran	ND		21	3.8	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Thiophene	ND		5.2	0.57	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Toluene	**1.9**		1.0	0.53	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
trans-1,2-Dichloroethene	ND		1.0	0.52	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
trans-1,3-Dichloropropene	ND		2.1	0.63	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
trans-1,4-Dichloro-2-butene	ND		10	2.4	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Trichloroethene	ND		2.1	0.31	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Trichlorofluoromethane	ND		10	0.39	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Vinyl acetate	ND		10	4.9	ug/Kg		08/05/20 12:33	08/06/20 01:11	1
Vinyl chloride	ND		1.0	0.52	ug/Kg		08/05/20 12:33	08/06/20 01:11	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:33*	*08/06/20 01:11*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*08/05/20 12:33*	*08/06/20 01:11*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:33*	*08/06/20 01:11*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*08/05/20 12:33*	*08/06/20 01:11*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:33*	*08/06/20 01:11*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97	0.23	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1,1-Trichloroethane	ND		0.97	0.22	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.34	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7	0.34	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1,2-Trichloroethane	ND		0.97	0.34	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1-Dichloroethane	ND		0.97	0.20	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1-Dichloroethene	ND		0.97	0.34	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,1-Dichloropropene	ND		1.9	0.32	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2,3-Trichlorobenzene	ND		1.9	0.88	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2,3-Trichloropropane	ND		1.9	0.80	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2,4-Trichlorobenzene	ND		1.9	0.30	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2,4-Trimethylbenzene	ND		1.9	0.57	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2-Dibromo-3-Chloropropane	ND		9.7	1.7	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2-Dibromoethane	ND		0.97	0.25	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2-Dichlorobenzene	ND		0.97	0.22	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2-Dichloroethane	ND		0.97	0.30	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,2-Dichloropropane	ND		0.97	0.42	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,3,5-Trimethylbenzene	ND		1.9	0.53	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,3-Butadiene	ND	*	0.97	0.77	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,3-Dichlorobenzene	ND		0.97	0.17	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,3-Dichloropropane	ND		0.97	0.24	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,4-Dichlorobenzene	ND		0.97	0.22	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
1,4-Dioxane	ND		97	47	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2,2,4-Trimethylpentane	ND		0.97	0.52	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2,2-Dichloropropane	ND		4.8	0.32	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2-Butanone	**7.5**	**J**	19	3.7	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2-Chloroethyl vinyl ether	ND		48	8.1	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2-Chlorotoluene	ND		0.97	0.22	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2-Hexanone	ND		19	1.7	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
2-Methyl-2-butanol (TAA)	ND		48	21	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
4-Chlorotoluene	ND		0.97	0.21	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
4-Methyl-2-pentanone	ND		19	4.2	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Acetone	**59**		48	6.0	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Acetonitrile	ND		97	2.4	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Acrolein	ND	*	48	12	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Acrylonitrile	ND		97	2.9	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Benzene	**0.31**	**J**	0.97	0.13	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Bromobenzene	ND		0.97	0.20	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Bromochloromethane	ND		1.9	0.67	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Bromodichloromethane	ND		0.97	0.23	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Bromoform	ND		4.8	0.77	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Bromomethane	ND		19	9.1	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Carbon disulfide	ND		9.7	0.30	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Carbon tetrachloride	ND		0.97	0.27	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Chlorobenzene	ND		0.97	0.22	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Chloroethane	ND		1.9	1.4	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Chloroform	ND		0.97	0.23	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Chloromethane	**0.44**	**J**	19	0.29	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
cis-1,2-Dichloroethene	ND		0.97	0.27	ug/Kg		08/05/20 12:37	08/06/20 01:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.97	0.25	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Cyclohexane	ND		48	2.5	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Dibromochloromethane	ND		1.9	0.55	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Dibromomethane	ND		0.97	0.75	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Dichlorodifluoromethane	ND		1.9	0.43	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Diethyl ether	ND		19	5.7	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Di-isopropyl ether (DIPE)	ND		0.97	0.47	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Ethanol	ND		480	81	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Ethylbenzene	**0.24**	**J**	0.97	0.15	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.97	0.49	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Hexachloro-1,3-butadiene	ND		4.8	0.31	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Hexane	ND		4.8	0.36	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Iodomethane	ND		48	8.1	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Isobutyl alcohol	ND		48	4.4	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Isopropanol	ND		97	27	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Isopropylbenzene	ND		0.97	0.53	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
m,p-Xylene	ND		1.9	0.26	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Methylene Chloride	ND		9.7	1.3	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.29	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Naphthalene	ND		9.7	0.79	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
n-Butylbenzene	ND		0.97	0.15	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
N-Propylbenzene	ND		1.9	0.49	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
o-Xylene	ND		0.97	0.54	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
p-Isopropyltoluene	ND		0.97	0.61	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
sec-Butylbenzene	ND		0.97	0.56	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Styrene	ND		0.97	0.59	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Tert-amyl-methyl ether (TAME)	ND		0.97	0.34	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
tert-Butyl alcohol (TBA)	ND		19	5.0	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
tert-Butylbenzene	ND		0.97	0.15	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Tetrachloroethene	ND		0.97	0.20	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Tetrahydrofuran	ND		19	3.6	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Thiophene	ND		4.8	0.53	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Toluene	ND		0.97	0.50	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
trans-1,2-Dichloroethene	ND		0.97	0.49	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
trans-1,3-Dichloropropene	ND		1.9	0.59	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
trans-1,4-Dichloro-2-butene	ND		9.7	2.3	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Trichloroethene	ND		1.9	0.29	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Trichlorofluoromethane	ND		9.7	0.36	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Vinyl acetate	ND		9.7	4.6	ug/Kg		08/05/20 12:37	08/06/20 01:38	1
Vinyl chloride	ND		0.97	0.49	ug/Kg		08/05/20 12:37	08/06/20 01:38	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 01:38*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*08/05/20 12:37*	*08/06/20 01:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 01:38*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*08/05/20 12:37*	*08/06/20 01:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 01:38*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.25	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1,2,2-Tetrachloroethane	ND		2.1	0.36	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.37	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1,2-Trichloroethane	ND		1.0	0.37	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1-Dichloroethane	ND		1.0	0.22	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1-Dichloroethene	ND		1.0	0.36	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,1-Dichloropropene	ND		2.1	0.34	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2,3-Trichlorobenzene	ND		2.1	0.96	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2,3-Trichloropropane	ND		2.1	0.87	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2,4-Trichlorobenzene	ND		2.1	0.33	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2,4-Trimethylbenzene	ND		2.1	0.62	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2-Dibromo-3-Chloropropane	ND		10	1.8	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2-Dibromoethane	ND		1.0	0.27	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2-Dichlorobenzene	ND		1.0	0.24	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2-Dichloroethane	ND		1.0	0.33	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,2-Dichloropropane	ND		1.0	0.46	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,3,5-Trimethylbenzene	ND		2.1	0.58	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,3-Butadiene	ND	*	1.0	0.83	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,3-Dichloropropane	ND		1.0	0.27	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,4-Dichlorobenzene	ND		1.0	0.23	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
1,4-Dioxane	ND		100	51	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2,2,4-Trimethylpentane	ND		1.0	0.56	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2,2-Dichloropropane	ND		5.2	0.35	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2-Butanone	**14**	**J**	21	4.0	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2-Chloroethyl vinyl ether	ND		52	8.8	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2-Chlorotoluene	ND		1.0	0.24	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2-Hexanone	ND		21	1.8	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
2-Methyl-2-butanol (TAA)	ND		52	23	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
4-Chlorotoluene	ND		1.0	0.22	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
4-Methyl-2-pentanone	ND		21	4.5	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Acetone	**120**		52	6.5	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Acetonitrile	ND		100	2.6	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Acrolein	ND	*	52	13	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Acrylonitrile	ND		100	3.1	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Benzene	**0.50**	**J**	1.0	0.14	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Bromobenzene	ND		1.0	0.22	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Bromochloromethane	ND		2.1	0.72	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Bromodichloromethane	ND		1.0	0.24	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Bromoform	ND		5.2	0.83	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Bromomethane	ND		21	9.9	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Carbon disulfide	ND		10	0.32	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Carbon tetrachloride	ND		1.0	0.30	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Chlorobenzene	ND		1.0	0.24	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Chloroethane	ND		2.1	1.6	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Chloroform	ND		1.0	0.25	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Chloromethane	**1.0**	**J**	21	0.32	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
cis-1,2-Dichloroethene	ND		1.0	0.29	ug/Kg		08/05/20 12:37	08/06/20 02:06	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.27	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Cyclohexane	ND		52	2.7	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Dibromochloromethane	ND		2.1	0.60	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Dibromomethane	ND		1.0	0.81	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Dichlorodifluoromethane	ND		2.1	0.47	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Diethyl ether	ND		21	6.2	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Di-isopropyl ether (DIPE)	ND		1.0	0.51	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Ethanol	ND		520	88	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Ethylbenzene	**0.45**	**J**	1.0	0.16	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.53	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Hexachloro-1,3-butadiene	ND		5.2	0.34	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Hexane	**0.43**	**J**	5.2	0.39	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Iodomethane	ND		52	8.7	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Isobutyl alcohol	ND		52	4.8	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Isopropanol	**44**	**J**	100	29	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Isopropylbenzene	ND		1.0	0.57	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
m,p-Xylene	ND		2.1	0.28	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Methylene Chloride	ND		10	1.4	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1	0.31	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Naphthalene	ND		10	0.85	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
n-Butylbenzene	ND		1.0	0.16	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
N-Propylbenzene	ND		2.1	0.53	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
o-Xylene	ND		1.0	0.58	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
p-Isopropyltoluene	ND		1.0	0.66	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
sec-Butylbenzene	ND		1.0	0.61	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Styrene	ND		1.0	0.63	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.37	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
tert-Butyl alcohol (TBA)	**5.6**	**J**	21	5.4	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
tert-Butylbenzene	ND		1.0	0.16	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Tetrachloroethene	ND		1.0	0.22	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Tetrahydrofuran	ND		21	3.9	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Thiophene	ND		5.2	0.58	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Toluene	**0.75**	**J**	1.0	0.54	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
trans-1,2-Dichloroethene	ND		1.0	0.53	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
trans-1,3-Dichloropropene	ND		2.1	0.64	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
trans-1,4-Dichloro-2-butene	ND		10	2.5	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Trichloroethene	ND		2.1	0.32	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Trichlorofluoromethane	ND		10	0.39	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Vinyl acetate	ND		10	5.0	ug/Kg		08/05/20 12:37	08/06/20 02:06	1
Vinyl chloride	ND		1.0	0.53	ug/Kg		08/05/20 12:37	08/06/20 02:06	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 02:06*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*08/05/20 12:37*	*08/06/20 02:06*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:37*	*08/06/20 02:06*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*08/05/20 12:37*	*08/06/20 02:06*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 02:06*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.84	0.20	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1,1-Trichloroethane	ND		0.84	0.19	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1,2,2-Tetrachloroethane	ND		1.7	0.29	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.4	0.29	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1,2-Trichloroethane	ND		0.84	0.30	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1-Dichloroethane	ND		0.84	0.18	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1-Dichloroethene	ND		0.84	0.29	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,1-Dichloropropene	ND		1.7	0.27	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2,3-Trichlorobenzene	ND		1.7	0.76	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2,3-Trichloropropane	ND		1.7	0.69	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2,4-Trichlorobenzene	ND		1.7	0.26	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2,4-Trimethylbenzene	ND		1.7	0.49	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2-Dibromo-3-Chloropropane	ND		8.4	1.5	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2-Dibromoethane	ND		0.84	0.21	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2-Dichlorobenzene	ND		0.84	0.19	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2-Dichloroethane	ND		0.84	0.26	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,2-Dichloropropane	ND		0.84	0.37	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,3,5-Trimethylbenzene	ND		1.7	0.46	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,3-Butadiene	ND	*	0.84	0.66	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,3-Dichlorobenzene	ND		0.84	0.15	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,3-Dichloropropane	ND		0.84	0.21	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,4-Dichlorobenzene	ND		0.84	0.19	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
1,4-Dioxane	ND		84	40	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2,2,4-Trimethylpentane	ND		0.84	0.45	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2,2-Dichloropropane	ND		4.2	0.28	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2-Butanone	**5.8**	**J**	17	3.2	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2-Chloroethyl vinyl ether	ND		42	7.0	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2-Chlorotoluene	ND		0.84	0.19	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2-Hexanone	ND		17	1.5	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
2-Methyl-2-butanol (TAA)	ND		42	18	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
4-Chlorotoluene	ND		0.84	0.18	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
4-Methyl-2-pentanone	ND		17	3.6	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Acetone	**70**		42	5.2	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Acetonitrile	ND		84	2.1	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Acrolein	ND	*	42	10	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Acrylonitrile	ND		84	2.5	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Benzene	**0.29**	**J**	0.84	0.11	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Bromobenzene	ND		0.84	0.18	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Bromochloromethane	ND		1.7	0.58	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Bromodichloromethane	ND		0.84	0.19	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Bromoform	ND		4.2	0.66	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Bromomethane	ND		17	7.9	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Carbon disulfide	ND		8.4	0.26	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Carbon tetrachloride	ND		0.84	0.24	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Chlorobenzene	ND		0.84	0.19	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Chloroethane	ND		1.7	1.2	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Chloroform	ND		0.84	0.20	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Chloromethane	**0.29**	**J**	17	0.25	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
cis-1,2-Dichloroethene	ND		0.84	0.23	ug/Kg		08/05/20 12:37	08/06/20 02:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.84	0.21	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Cyclohexane	ND		42	2.1	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Dibromochloromethane	ND		1.7	0.48	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Dibromomethane	ND		0.84	0.65	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Dichlorodifluoromethane	ND		1.7	0.37	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Diethyl ether	ND		17	4.9	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Di-isopropyl ether (DIPE)	ND		0.84	0.40	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Ethanol	ND		420	70	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Ethylbenzene	**0.25**	**J**	0.84	0.13	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.84	0.42	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Hexachloro-1,3-butadiene	ND		4.2	0.27	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Hexane	**0.32**	**J**	4.2	0.31	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Iodomethane	ND		42	7.0	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Isobutyl alcohol	ND		42	3.8	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Isopropanol	**51**	**J**	84	23	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Isopropylbenzene	ND		0.84	0.46	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
m,p-Xylene	ND		1.7	0.22	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Methylene Chloride	ND		8.4	1.1	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	0.25	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Naphthalene	ND		8.4	0.68	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
n-Butylbenzene	ND		0.84	0.13	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
N-Propylbenzene	ND		1.7	0.42	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
o-Xylene	ND		0.84	0.46	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
p-Isopropyltoluene	ND		0.84	0.53	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
sec-Butylbenzene	ND		0.84	0.48	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Styrene	ND		0.84	0.51	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Tert-amyl-methyl ether (TAME)	ND		0.84	0.29	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
tert-Butyl alcohol (TBA)	**5.4**	**J**	17	4.3	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
tert-Butylbenzene	ND		0.84	0.13	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Tetrachloroethene	ND		0.84	0.18	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Tetrahydrofuran	ND		17	3.1	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Thiophene	ND		4.2	0.46	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Toluene	ND		0.84	0.43	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
trans-1,2-Dichloroethene	ND		0.84	0.42	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
trans-1,3-Dichloropropene	ND		1.7	0.51	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
trans-1,4-Dichloro-2-butene	ND		8.4	2.0	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Trichloroethene	ND		1.7	0.25	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Trichlorofluoromethane	ND		8.4	0.31	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Vinyl acetate	ND		8.4	4.0	ug/Kg		08/05/20 12:37	08/06/20 02:33	1
Vinyl chloride	ND		0.84	0.42	ug/Kg		08/05/20 12:37	08/06/20 02:33	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 02:33*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*113*		*71 - 155*	*08/05/20 12:37*	*08/06/20 02:33*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 02:33*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*08/05/20 12:37*	*08/06/20 02:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 02:33*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.2	0.30	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1,1-Trichloroethane	ND		1.2	0.28	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1,2,2-Tetrachloroethane	ND		2.5	0.43	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	0.43	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1,2-Trichloroethane	ND		1.2	0.44	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1-Dichloroethane	ND		1.2	0.26	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1-Dichloroethene	ND		1.2	0.43	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,1-Dichloropropene	ND		2.5	0.40	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2,3-Trichlorobenzene	ND		2.5	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2,3-Trichloropropane	ND		2.5	1.0	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2,4-Trichlorobenzene	ND		2.5	0.38	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2,4-Trimethylbenzene	ND		2.5	0.72	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2-Dibromo-3-Chloropropane	ND		12	2.1	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2-Dibromoethane	ND		1.2	0.31	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2-Dichlorobenzene	ND		1.2	0.28	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2-Dichloroethane	ND		1.2	0.39	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,2-Dichloropropane	ND		1.2	0.54	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,3,5-Trimethylbenzene	ND		2.5	0.68	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,3-Butadiene	ND	*	1.2	0.98	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,3-Dichlorobenzene	ND		1.2	0.22	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,3-Dichloropropane	ND		1.2	0.31	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,4-Dichlorobenzene	ND		1.2	0.27	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
1,4-Dioxane	ND		120	59	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2,2,4-Trimethylpentane	ND		1.2	0.66	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2,2-Dichloropropane	ND		6.2	0.41	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2-Butanone	**19**	**J**	25	4.6	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2-Chloroethyl vinyl ether	ND		62	10	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2-Chlorotoluene	ND		1.2	0.28	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2-Hexanone	ND		25	2.2	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
2-Methyl-2-butanol (TAA)	ND		62	26	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
4-Chlorotoluene	ND		1.2	0.26	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
4-Methyl-2-pentanone	ND		25	5.3	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Acetone	**130**		62	7.7	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Acetonitrile	ND		120	3.1	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Acrolein	ND	*	62	15	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Acrylonitrile	ND		120	3.7	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Benzene	**0.51**	**J**	1.2	0.16	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Bromobenzene	ND		1.2	0.26	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Bromochloromethane	ND		2.5	0.85	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Bromodichloromethane	ND		1.2	0.29	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Bromoform	ND		6.2	0.98	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Bromomethane	ND		25	12	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Carbon disulfide	ND		12	0.38	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Carbon tetrachloride	ND		1.2	0.35	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Chlorobenzene	ND		1.2	0.28	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Chloroethane	ND		2.5	1.8	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Chloroform	ND		1.2	0.29	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Chloromethane	**1.4**	**J**	25	0.37	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
cis-1,2-Dichloroethene	ND		1.2	0.34	ug/Kg		08/05/20 12:37	08/06/20 03:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.2	0.31	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Cyclohexane	ND		62	3.2	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Dibromochloromethane	ND		2.5	0.70	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Dibromomethane	ND		1.2	0.95	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Dichlorodifluoromethane	ND		2.5	0.55	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Diethyl ether	ND		25	7.2	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Di-isopropyl ether (DIPE)	ND		1.2	0.59	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Ethanol	ND		620	100	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Ethylbenzene	**0.37**	**J**	1.2	0.19	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Ethyl-t-butyl ether (ETBE)	ND		1.2	0.62	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Hexachloro-1,3-butadiene	ND		6.2	0.40	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Hexane	ND		6.2	0.45	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Iodomethane	ND		62	10	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Isobutyl alcohol	ND		62	5.6	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Isopropanol	**47**	**J**	120	34	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Isopropylbenzene	ND		1.2	0.67	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
m,p-Xylene	ND		2.5	0.33	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Methylene Chloride	ND		12	1.6	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Methyl-t-Butyl Ether (MTBE)	ND		2.5	0.36	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Naphthalene	ND		12	1.0	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
n-Butylbenzene	**2.7**		1.2	0.19	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
N-Propylbenzene	ND		2.5	0.62	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
o-Xylene	ND		1.2	0.69	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
p-Isopropyltoluene	**1.0**	**J**	1.2	0.78	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
sec-Butylbenzene	ND		1.2	0.71	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Styrene	ND		1.2	0.74	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Tert-amyl-methyl ether (TAME)	ND		1.2	0.43	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
tert-Butyl alcohol (TBA)	ND		25	6.4	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
tert-Butylbenzene	ND		1.2	0.19	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Tetrachloroethene	ND		1.2	0.26	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Tetrahydrofuran	ND		25	4.6	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Thiophene	ND		6.2	0.68	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Toluene	ND		1.2	0.63	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
trans-1,2-Dichloroethene	ND		1.2	0.62	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
trans-1,3-Dichloropropene	ND		2.5	0.75	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
trans-1,4-Dichloro-2-butene	ND		12	2.9	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Trichloroethene	ND		2.5	0.37	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Trichlorofluoromethane	ND		12	0.46	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Vinyl acetate	ND		12	5.8	ug/Kg		08/05/20 12:37	08/06/20 03:01	1
Vinyl chloride	ND		1.2	0.62	ug/Kg		08/05/20 12:37	08/06/20 03:01	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 03:01*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*08/05/20 12:37*	*08/06/20 03:01*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*08/05/20 12:37*	*08/06/20 03:01*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*08/05/20 12:37*	*08/06/20 03:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 03:01*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.47	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1,1-Trichloroethane	ND		2.0	0.44	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1,2,2-Tetrachloroethane	ND		3.9	0.68	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	0.69	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1,2-Trichloroethane	ND		2.0	0.70	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1-Dichloroethane	ND		2.0	0.42	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1-Dichloroethene	ND		2.0	0.68	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,1-Dichloropropene	ND		3.9	0.64	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2,3-Trichlorobenzene	ND		3.9	1.8	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2,3-Trichloropropane	ND		3.9	1.6	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2,4-Trichlorobenzene	ND		3.9	0.61	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2,4-Trimethylbenzene	ND		3.9	1.2	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2-Dibromo-3-Chloropropane	ND		20	3.4	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2-Dibromoethane	ND		2.0	0.50	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2-Dichlorobenzene	ND		2.0	0.45	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2-Dichloroethane	ND		2.0	0.62	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,2-Dichloropropane	ND		2.0	0.86	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,3,5-Trimethylbenzene	ND		3.9	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,3-Butadiene	ND	*	2.0	1.6	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,3-Dichlorobenzene	ND		2.0	0.35	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,3-Dichloropropane	ND		2.0	0.50	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,4-Dichlorobenzene	ND		2.0	0.44	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
1,4-Dioxane	ND		200	95	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2,2,4-Trimethylpentane	ND		2.0	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2,2-Dichloropropane	ND		9.8	0.65	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2-Butanone	**21**	**J**	39	7.4	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2-Chloroethyl vinyl ether	ND		98	16	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2-Chlorotoluene	ND		2.0	0.45	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2-Hexanone	ND		39	3.5	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
2-Methyl-2-butanol (TAA)	ND		98	42	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
4-Chlorotoluene	ND		2.0	0.42	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
4-Methyl-2-pentanone	ND		39	8.5	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Acetone	**150**		98	12	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Acetonitrile	ND		200	4.9	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Acrolein	ND	*	98	25	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Acrylonitrile	ND		200	5.9	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Benzene	**0.71**	**J**	2.0	0.25	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Bromobenzene	ND		2.0	0.41	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Bromochloromethane	ND		3.9	1.4	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Bromodichloromethane	ND		2.0	0.46	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Bromoform	ND		9.8	1.6	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Bromomethane	ND		39	19	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Carbon disulfide	ND		20	0.60	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Carbon tetrachloride	ND		2.0	0.56	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Chlorobenzene	ND		2.0	0.44	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Chloroethane	ND		3.9	2.9	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Chloroform	ND		2.0	0.47	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Chloromethane	**0.86**	**J**	39	0.60	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
cis-1,2-Dichloroethene	ND		2.0	0.55	ug/Kg		08/05/20 12:37	08/06/20 03:28	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		2.0	0.50	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Cyclohexane	ND		98	5.0	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Dibromochloromethane	ND		3.9	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Dibromomethane	ND		2.0	1.5	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Dichlorodifluoromethane	ND		3.9	0.87	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Diethyl ether	ND		39	12	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Di-isopropyl ether (DIPE)	ND		2.0	0.95	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Ethanol	ND		980	160	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Ethylbenzene	**0.56**	**J**	2.0	0.30	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	1.0	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Hexachloro-1,3-butadiene	ND		9.8	0.63	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Hexane	ND		9.8	0.72	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Iodomethane	ND		98	16	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Isobutyl alcohol	ND		98	8.9	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Isopropanol	**200**		200	55	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Isopropylbenzene	ND		2.0	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
m,p-Xylene	ND		3.9	0.53	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Methylene Chloride	ND		20	2.6	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Methyl-t-Butyl Ether (MTBE)	ND		3.9	0.58	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Naphthalene	ND		20	1.6	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
n-Butylbenzene	ND		2.0	0.31	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
N-Propylbenzene	ND		3.9	0.99	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
o-Xylene	ND		2.0	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
p-Isopropyltoluene	ND		2.0	1.2	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
sec-Butylbenzene	ND		2.0	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Styrene	ND		2.0	1.2	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.69	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
tert-Butyl alcohol (TBA)	**13**	**J**	39	10	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
tert-Butylbenzene	ND		2.0	0.30	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Tetrachloroethene	ND		2.0	0.41	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Tetrahydrofuran	ND		39	7.3	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Thiophene	ND		9.8	1.1	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Toluene	ND		2.0	1.0	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
trans-1,2-Dichloroethene	ND		2.0	0.99	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
trans-1,3-Dichloropropene	ND		3.9	1.2	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
trans-1,4-Dichloro-2-butene	ND		20	4.6	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Trichloroethene	ND		3.9	0.59	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Trichlorofluoromethane	ND		20	0.74	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Vinyl acetate	ND		20	9.3	ug/Kg		08/05/20 12:37	08/06/20 03:28	1
Vinyl chloride	ND		2.0	0.99	ug/Kg		08/05/20 12:37	08/06/20 03:28	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 03:28*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*71 - 155*	*08/05/20 12:37*	*08/06/20 03:28*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*08/05/20 12:37*	*08/06/20 03:28*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*	*08/05/20 12:37*	*08/06/20 03:28*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 03:28*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.26	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1,2,2-Tetrachloroethane	ND		2.1	0.37	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.38	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1,2-Trichloroethane	ND		1.1	0.38	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1-Dichloroethane	ND		1.1	0.23	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1-Dichloroethene	ND		1.1	0.37	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,1-Dichloropropene	ND		2.1	0.35	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2,3-Trichlorobenzene	ND		2.1	0.98	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2,3-Trichloropropane	ND		2.1	0.89	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2,4-Trichlorobenzene	ND		2.1	0.33	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2,4-Trimethylbenzene	ND		2.1	0.63	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2-Dibromo-3-Chloropropane	ND		11	1.9	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2-Dibromoethane	ND		1.1	0.27	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2-Dichlorobenzene	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2-Dichloroethane	ND		1.1	0.34	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,2-Dichloropropane	ND		1.1	0.47	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,3,5-Trimethylbenzene	ND		2.1	0.59	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,3-Butadiene	ND	*	1.1	0.85	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,3-Dichlorobenzene	ND		1.1	0.19	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,3-Dichloropropane	ND		1.1	0.27	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,4-Dichlorobenzene	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
1,4-Dioxane	ND		110	52	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2,2,4-Trimethylpentane	ND		1.1	0.57	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2,2-Dichloropropane	ND		5.3	0.35	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2-Butanone	**10**	**J**	21	4.0	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2-Chloroethyl vinyl ether	ND		53	9.0	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2-Chlorotoluene	ND		1.1	0.25	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2-Hexanone	ND		21	1.9	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
2-Methyl-2-butanol (TAA)	ND		53	23	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
4-Chlorotoluene	ND		1.1	0.23	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
4-Methyl-2-pentanone	ND		21	4.6	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Acetone	**99**		53	6.7	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Acetonitrile	ND		110	2.7	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Acrolein	ND	*	53	13	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Acrylonitrile	ND		110	3.2	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Benzene	**0.46**	**J**	1.1	0.14	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Bromobenzene	ND		1.1	0.22	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Bromochloromethane	ND		2.1	0.74	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Bromodichloromethane	ND		1.1	0.25	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Bromoform	ND		5.3	0.85	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Bromomethane	ND		21	10	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Carbon disulfide	ND		11	0.33	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Carbon tetrachloride	ND		1.1	0.30	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Chlorobenzene	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Chloroethane	ND		2.1	1.6	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Chloroform	ND		1.1	0.26	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Chloromethane	**0.82**	**J**	21	0.32	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
cis-1,2-Dichloroethene	ND		1.1	0.30	ug/Kg		08/05/20 12:37	08/06/20 03:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.1	0.27	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Cyclohexane	ND		53	2.7	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Dibromochloromethane	ND		2.1	0.61	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Dibromomethane	ND		1.1	0.83	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Dichlorodifluoromethane	ND		2.1	0.47	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Diethyl ether	ND		21	6.3	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Di-isopropyl ether (DIPE)	ND		1.1	0.52	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Ethanol	ND		530	89	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Ethylbenzene	**0.30**	**J**	1.1	0.16	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.54	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Hexachloro-1,3-butadiene	ND		5.3	0.34	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Hexane	ND		5.3	0.39	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Iodomethane	ND		53	8.9	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Isobutyl alcohol	ND		53	4.9	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Isopropanol	**42**	**J**	110	30	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Isopropylbenzene	ND		1.1	0.58	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
m,p-Xylene	ND		2.1	0.29	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Methylene Chloride	ND		11	1.4	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1	0.32	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Naphthalene	ND		11	0.87	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
n-Butylbenzene	ND		1.1	0.17	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
N-Propylbenzene	ND		2.1	0.54	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
o-Xylene	ND		1.1	0.59	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
p-Isopropyltoluene	ND		1.1	0.67	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
sec-Butylbenzene	ND		1.1	0.62	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Styrene	ND		1.1	0.65	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.38	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
tert-Butyl alcohol (TBA)	ND		21	5.5	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
tert-Butylbenzene	ND		1.1	0.16	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Tetrachloroethene	ND		1.1	0.22	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Tetrahydrofuran	ND		21	4.0	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Thiophene	ND		5.3	0.59	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Toluene	**0.60**	**J**	1.1	0.55	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
trans-1,2-Dichloroethene	ND		1.1	0.54	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
trans-1,3-Dichloropropene	ND		2.1	0.65	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
trans-1,4-Dichloro-2-butene	ND		11	2.5	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Trichloroethene	ND		2.1	0.32	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Trichlorofluoromethane	ND		11	0.40	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Vinyl acetate	ND		11	5.1	ug/Kg		08/05/20 12:37	08/06/20 03:56	1
Vinyl chloride	ND		1.1	0.54	ug/Kg		08/05/20 12:37	08/06/20 03:56	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 03:56*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*08/05/20 12:37*	*08/06/20 03:56*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*08/05/20 12:37*	*08/06/20 03:56*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*08/05/20 12:37*	*08/06/20 03:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*08/05/20 12:37*	*08/06/20 03:56*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99	0.24	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1,1-Trichloroethane	ND		0.99	0.22	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.34	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9	0.35	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1,2-Trichloroethane	ND		0.99	0.35	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1-Dichloroethane	ND		0.99	0.21	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1-Dichloroethene	ND		0.99	0.34	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,1-Dichloropropene	ND		2.0	0.32	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2,3-Trichlorobenzene	ND		2.0	0.90	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2,3-Trichloropropane	ND		2.0	0.82	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2,4-Trichlorobenzene	ND		2.0	0.31	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2,4-Trimethylbenzene	ND		2.0	0.58	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2-Dibromo-3-Chloropropane	ND		9.9	1.7	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2-Dibromoethane	ND		0.99	0.25	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2-Dichlorobenzene	ND		0.99	0.23	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2-Dichloroethane	ND		0.99	0.31	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,2-Dichloropropane	ND		0.99	0.43	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,3,5-Trimethylbenzene	ND		2.0	0.54	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,3-Butadiene	ND	*	0.99	0.78	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,3-Dichlorobenzene	ND		0.99	0.17	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,3-Dichloropropane	ND		0.99	0.25	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,4-Dichlorobenzene	ND		0.99	0.22	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
1,4-Dioxane	ND		99	48	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2,2,4-Trimethylpentane	ND		0.99	0.53	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2,2-Dichloropropane	ND		4.9	0.33	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2-Butanone	**6.7**	**J**	20	3.7	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2-Chloroethyl vinyl ether	ND		49	8.3	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2-Chlorotoluene	ND		0.99	0.23	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2-Hexanone	ND		20	1.7	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
2-Methyl-2-butanol (TAA)	ND		49	21	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
4-Chlorotoluene	ND		0.99	0.21	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
4-Methyl-2-pentanone	ND		20	4.3	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Acetone	**55**		49	6.2	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Acetonitrile	ND		99	2.5	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Acrolein	ND	*	49	12	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Acrylonitrile	ND		99	3.0	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Benzene	**0.40**	**J**	0.99	0.13	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Bromobenzene	ND		0.99	0.21	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Bromochloromethane	ND		2.0	0.68	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Bromodichloromethane	ND		0.99	0.23	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Bromoform	ND		4.9	0.78	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Bromomethane	ND		20	9.3	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Carbon disulfide	ND		9.9	0.30	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Carbon tetrachloride	ND		0.99	0.28	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Chlorobenzene	ND		0.99	0.22	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Chloroethane	ND		2.0	1.5	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Chloroform	ND		0.99	0.24	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Chloromethane	ND		20	0.30	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
cis-1,2-Dichloroethene	ND		0.99	0.28	ug/Kg		08/05/20 12:37	08/06/20 04:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.99	0.25	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Cyclohexane	ND		49	2.5	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Dibromochloromethane	ND		2.0	0.56	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Dibromomethane	ND		0.99	0.76	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Dichlorodifluoromethane	ND		2.0	0.44	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Diethyl ether	ND		20	5.8	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Di-isopropyl ether (DIPE)	ND		0.99	0.48	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Ethanol	ND		490	82	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Ethylbenzene	**0.28**	**J**	0.99	0.15	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.99	0.50	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Hexachloro-1,3-butadiene	ND		4.9	0.32	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Hexane	ND		4.9	0.36	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Iodomethane	ND		49	8.2	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Isobutyl alcohol	ND		49	4.5	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Isopropanol	**140**		99	27	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Isopropylbenzene	ND		0.99	0.54	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
m,p-Xylene	ND		2.0	0.26	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Methylene Chloride	ND		9.9	1.3	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.29	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Naphthalene	ND		9.9	0.80	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
n-Butylbenzene	ND		0.99	0.15	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
N-Propylbenzene	ND		2.0	0.49	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
o-Xylene	ND		0.99	0.55	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
p-Isopropyltoluene	ND		0.99	0.62	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
sec-Butylbenzene	ND		0.99	0.57	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Styrene	ND		0.99	0.60	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Tert-amyl-methyl ether (TAME)	ND		0.99	0.35	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
tert-Butyl alcohol (TBA)	**6.9**	**J**	20	5.1	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
tert-Butylbenzene	ND		0.99	0.15	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Tetrachloroethene	ND		0.99	0.21	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Tetrahydrofuran	ND		20	3.7	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Thiophene	ND		4.9	0.54	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Toluene	ND		0.99	0.51	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
trans-1,2-Dichloroethene	ND		0.99	0.50	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
trans-1,3-Dichloropropene	ND		2.0	0.60	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
trans-1,4-Dichloro-2-butene	ND		9.9	2.3	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Trichloroethene	ND		2.0	0.30	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Trichlorofluoromethane	ND		9.9	0.37	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Vinyl acetate	ND		9.9	4.7	ug/Kg		08/05/20 12:37	08/06/20 04:24	1
Vinyl chloride	ND		0.99	0.50	ug/Kg		08/05/20 12:37	08/06/20 04:24	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 04:24*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*08/05/20 12:37*	*08/06/20 04:24*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:37*	*08/06/20 04:24*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*	*08/05/20 12:37*	*08/06/20 04:24*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 04:24*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.25	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1,2,2-Tetrachloroethane	ND		2.1	0.37	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	11	0.37	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1,2-Trichloroethane	ND		1.1	0.37	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1-Dichloroethene	ND		1.1	0.37	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,1-Dichloropropene	ND		2.1	0.35	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2,3-Trichlorobenzene	ND		2.1	0.97	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2,3-Trichloropropane	ND		2.1	0.88	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2,4-Trichlorobenzene	ND		2.1	0.33	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2,4-Trimethylbenzene	ND		2.1	0.62	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2-Dibromo-3-Chloropropane	ND		11	1.8	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2-Dibromoethane	ND		1.1	0.27	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2-Dichlorobenzene	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,2-Dichloropropane	ND		1.1	0.46	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,3,5-Trimethylbenzene	ND		2.1	0.58	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,3-Butadiene	ND	*	1.1	0.84	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,3-Dichlorobenzene	ND		1.1	0.19	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,3-Dichloropropane	ND		1.1	0.27	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,4-Dichlorobenzene	ND		1.1	0.23	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
1,4-Dioxane	ND		110	51	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2,2,4-Trimethylpentane	ND		1.1	0.57	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2,2-Dichloropropane	ND		5.3	0.35	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2-Butanone	**14**	**J**	21	4.0	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2-Chloroethyl vinyl ether	ND		53	8.9	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2-Chlorotoluene	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2-Hexanone	ND		21	1.9	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
2-Methyl-2-butanol (TAA)	ND		53	23	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
4-Chlorotoluene	ND		1.1	0.23	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
4-Methyl-2-pentanone	ND		21	4.6	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Acetone	**99**		53	6.6	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Acetonitrile	ND		110	2.6	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Acrolein	ND		53	13	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Acrylonitrile	ND		110	3.2	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Benzene	**0.23**	**J**	1.1	0.14	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Bromobenzene	ND		1.1	0.22	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Bromochloromethane	ND		2.1	0.73	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Bromodichloromethane	ND		1.1	0.25	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Bromoform	ND		5.3	0.84	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Bromomethane	ND		21	10	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Carbon disulfide	ND		11	0.32	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Carbon tetrachloride	ND		1.1	0.30	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Chlorobenzene	ND		1.1	0.24	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Chloroethane	ND		2.1	1.6	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Chloroform	ND		1.1	0.25	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Chloromethane	**0.57**	**J**	21	0.32	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
cis-1,2-Dichloroethene	ND		1.1	0.30	ug/Kg		08/05/20 12:37	08/06/20 12:37	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.1	0.27	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Cyclohexane	ND	*	53	2.7	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Dibromochloromethane	ND		2.1	0.60	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Dibromomethane	ND		1.1	0.82	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Dichlorodifluoromethane	ND		2.1	0.47	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Diethyl ether	ND		21	6.2	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Di-isopropyl ether (DIPE)	ND		1.1	0.51	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Ethanol	ND		530	88	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Ethylbenzene	ND		1.1	0.16	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.54	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Hexachloro-1,3-butadiene	ND		5.3	0.34	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Hexane	ND	*	5.3	0.39	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Iodomethane	ND	*	53	8.8	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Isobutyl alcohol	ND		53	4.8	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Isopropanol	**91**	**J**	110	29	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Isopropylbenzene	ND		1.1	0.58	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
m,p-Xylene	ND		2.1	0.28	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Methylene Chloride	ND		11	1.4	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1	0.31	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Naphthalene	ND		11	0.86	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
n-Butylbenzene	ND		1.1	0.17	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
N-Propylbenzene	ND		2.1	0.53	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
o-Xylene	ND		1.1	0.59	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
p-Isopropyltoluene	ND		1.1	0.67	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
sec-Butylbenzene	ND		1.1	0.61	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Styrene	ND		1.1	0.64	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.37	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
tert-Butyl alcohol (TBA)	**7.2**	**J**	21	5.5	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
tert-Butylbenzene	ND		1.1	0.16	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Tetrachloroethene	ND		1.1	0.22	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Tetrahydrofuran	ND		21	3.9	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Thiophene	ND		5.3	0.58	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Toluene	ND		1.1	0.54	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
trans-1,2-Dichloroethene	ND		1.1	0.53	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
trans-1,3-Dichloropropene	ND		2.1	0.64	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
trans-1,4-Dichloro-2-butene	ND		11	2.5	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Trichloroethene	ND		2.1	0.32	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Trichlorofluoromethane	ND		11	0.40	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Vinyl acetate	ND		11	5.0	ug/Kg		08/05/20 12:37	08/06/20 12:37	1
Vinyl chloride	ND		1.1	0.53	ug/Kg		08/05/20 12:37	08/06/20 12:37	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 12:37*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*08/05/20 12:37*	*08/06/20 12:37*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 12:37*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*	*08/05/20 12:37*	*08/06/20 12:37*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*08/05/20 12:37*	*08/06/20 12:37*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	0.19	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1,1-Trichloroethane	ND		0.79	0.18	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1,2,2-Tetrachloroethane	ND		1.6	0.27	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	7.9	0.28	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1,2-Trichloroethane	ND		0.79	0.28	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1-Dichloroethane	ND		0.79	0.17	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1-Dichloroethene	ND		0.79	0.28	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,1-Dichloropropene	ND		1.6	0.26	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2,3-Trichlorobenzene	ND		1.6	0.73	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2,3-Trichloropropane	ND		1.6	0.66	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2,4-Trichlorobenzene	ND		1.6	0.25	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2,4-Trimethylbenzene	ND		1.6	0.47	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2-Dibromo-3-Chloropropane	ND		7.9	1.4	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2-Dibromoethane	ND		0.79	0.20	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2-Dichlorobenzene	ND		0.79	0.18	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2-Dichloroethane	ND		0.79	0.25	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,2-Dichloropropane	ND		0.79	0.35	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,3,5-Trimethylbenzene	ND		1.6	0.44	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,3-Butadiene	ND	*	0.79	0.63	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,3-Dichlorobenzene	ND		0.79	0.14	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,3-Dichloropropane	ND		0.79	0.20	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,4-Dichlorobenzene	ND		0.79	0.18	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
1,4-Dioxane	ND		79	38	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2,2,4-Trimethylpentane	ND		0.79	0.43	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2,2-Dichloropropane	ND		4.0	0.26	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2-Butanone	**3.8**	**J**	16	3.0	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2-Chloroethyl vinyl ether	ND		40	6.7	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2-Chlorotoluene	ND		0.79	0.18	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2-Hexanone	ND		16	1.4	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
2-Methyl-2-butanol (TAA)	ND		40	17	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
4-Chlorotoluene	ND		0.79	0.17	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
4-Methyl-2-pentanone	ND		16	3.4	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Acetone	**36**	**J**	40	5.0	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Acetonitrile	ND		79	2.0	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Acrolein	ND		40	9.9	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Acrylonitrile	ND		79	2.4	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Benzene	**0.33**	**J**	0.79	0.10	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Bromobenzene	ND		0.79	0.17	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Bromochloromethane	ND		1.6	0.55	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Bromodichloromethane	ND		0.79	0.18	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Bromoform	ND		4.0	0.63	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Bromomethane	ND		16	7.5	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Carbon disulfide	ND		7.9	0.24	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Carbon tetrachloride	ND		0.79	0.22	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Chlorobenzene	ND		0.79	0.18	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Chloroethane	ND		1.6	1.2	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Chloroform	ND		0.79	0.19	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Chloromethane	**0.30**	**J**	16	0.24	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
cis-1,2-Dichloroethene	ND		0.79	0.22	ug/Kg		08/05/20 12:37	08/06/20 13:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		0.79	0.20	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Cyclohexane	ND	*	40	2.0	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Dibromochloromethane	ND		1.6	0.45	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Dibromomethane	ND		0.79	0.62	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Dichlorodifluoromethane	ND		1.6	0.35	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Diethyl ether	ND		16	4.7	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Di-isopropyl ether (DIPE)	ND		0.79	0.38	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Ethanol	ND		400	66	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Ethylbenzene	**0.26**	**J**	0.79	0.12	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.79	0.40	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Hexachloro-1,3-butadiene	ND		4.0	0.25	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Hexane	ND	*	4.0	0.29	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Iodomethane	ND	*	40	6.6	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Isobutyl alcohol	ND		40	3.6	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Isopropanol	**34**	**J**	79	22	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Isopropylbenzene	ND		0.79	0.43	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
m,p-Xylene	ND		1.6	0.21	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Methylene Chloride	ND		7.9	1.1	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	0.23	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Naphthalene	ND		7.9	0.65	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
n-Butylbenzene	ND		0.79	0.12	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
N-Propylbenzene	ND		1.6	0.40	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
o-Xylene	ND		0.79	0.44	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
p-Isopropyltoluene	ND		0.79	0.50	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
sec-Butylbenzene	ND		0.79	0.46	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Styrene	ND		0.79	0.48	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Tert-amyl-methyl ether (TAME)	ND		0.79	0.28	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
tert-Butyl alcohol (TBA)	ND		16	4.1	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
tert-Butylbenzene	ND		0.79	0.12	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Tetrachloroethene	ND		0.79	0.17	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Tetrahydrofuran	ND		16	2.9	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Thiophene	ND		4.0	0.44	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Toluene	ND		0.79	0.41	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
trans-1,2-Dichloroethene	ND		0.79	0.40	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
trans-1,3-Dichloropropene	ND		1.6	0.48	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
trans-1,4-Dichloro-2-butene	ND		7.9	1.9	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Trichloroethene	ND		1.6	0.24	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Trichlorofluoromethane	ND		7.9	0.30	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Vinyl acetate	ND		7.9	3.8	ug/Kg		08/05/20 12:37	08/06/20 13:04	1
Vinyl chloride	ND		0.79	0.40	ug/Kg		08/05/20 12:37	08/06/20 13:04	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 13:04*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*08/05/20 12:37*	*08/06/20 13:04*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*08/05/20 12:37*	*08/06/20 13:04*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*08/05/20 12:37*	*08/06/20 13:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/06/20 13:04*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		42	10	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1,1-Trichloroethane	ND		42	9.5	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1,2,2-Tetrachloroethane	ND		85	15	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	420	15	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1,2-Trichloroethane	ND		42	15	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1-Dichloroethane	ND		42	9.0	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1-Dichloroethene	ND		42	15	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,1-Dichloropropene	ND		85	14	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2,3-Trichlorobenzene	ND		85	39	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2,3-Trichloropropane	ND		85	35	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2,4-Trichlorobenzene	ND		85	13	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2,4-Trimethylbenzene	**790**		85	25	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2-Dibromo-3-Chloropropane	ND		420	74	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2-Dibromoethane	ND		42	11	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2-Dichlorobenzene	ND		42	9.7	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2-Dichloroethane	ND		42	13	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,2-Dichloropropane	ND		42	19	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,3,5-Trimethylbenzene	**360**		85	23	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,3-Butadiene	ND	*	42	34	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,3-Dichlorobenzene	ND		42	7.5	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,3-Dichloropropane	ND		42	11	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,4-Dichlorobenzene	ND		42	9.4	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
1,4-Dioxane	ND		4200	2000	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2,2,4-Trimethylpentane	ND		42	23	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2,2-Dichloropropane	ND		210	14	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2-Butanone	**200**	**J**	850	160	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2-Chloroethyl vinyl ether	ND		2100	360	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2-Chlorotoluene	ND		42	9.8	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2-Hexanone	ND		850	75	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
2-Methyl-2-butanol (TAA)	ND		2100	910	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
4-Chlorotoluene	ND		42	9.0	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
4-Methyl-2-pentanone	ND		850	180	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Acetone	ND		2100	260	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Acetonitrile	ND		4200	110	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Acrolein	ND		2100	530	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Acrylonitrile	ND		4200	130	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Benzene	ND		42	5.5	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Bromobenzene	ND		42	8.9	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Bromochloromethane	ND		85	29	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Bromodichloromethane	ND		42	9.9	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Bromoform	ND		210	34	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Bromomethane	ND		850	400	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Carbon disulfide	ND		420	13	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Carbon tetrachloride	ND		42	12	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Chlorobenzene	ND		42	9.5	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Chloroethane	ND		85	63	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Chloroform	ND		42	10	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Chloromethane	**14**	**J B**	850	13	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
cis-1,2-Dichloroethene	ND		42	12	ug/Kg		08/05/20 12:37	08/06/20 13:58	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		42	11	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Cyclohexane	ND	*	2100	110	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Dibromochloromethane	ND		85	24	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Dibromomethane	ND		42	33	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Dichlorodifluoromethane	ND		85	19	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Diethyl ether	ND		850	250	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Di-isopropyl ether (DIPE)	ND		42	20	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Ethanol	ND		21000	3500	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Ethylbenzene	**65**		42	6.4	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Ethyl-t-butyl ether (ETBE)	ND		42	21	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Hexachloro-1,3-butadiene	ND		210	14	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Hexane	**24**	**J ***	210	16	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Iodomethane	ND	*	2100	350	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Isobutyl alcohol	ND		2100	190	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Isopropanol	ND		4200	1200	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Isopropylbenzene	**100**		42	23	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
m,p-Xylene	**34**	**J**	85	11	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Methylene Chloride	ND		420	57	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Methyl-t-Butyl Ether (MTBE)	ND		85	13	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
n-Butylbenzene	**700**		42	6.6	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
N-Propylbenzene	**350**		85	21	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
o-Xylene	ND		42	24	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
p-Isopropyltoluene	**440**		42	27	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
sec-Butylbenzene	**230**		42	24	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Styrene	ND		42	26	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Tert-amyl-methyl ether (TAME)	ND		42	15	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
tert-Butyl alcohol (TBA)	ND		850	220	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
tert-Butylbenzene	ND		42	6.4	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Tetrachloroethene	ND		42	8.9	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Tetrahydrofuran	ND		850	160	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Thiophene	ND		210	23	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Toluene	ND		42	22	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
trans-1,2-Dichloroethene	ND		42	21	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
trans-1,3-Dichloropropene	ND		85	26	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
trans-1,4-Dichloro-2-butene	ND		420	100	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Trichloroethene	ND		85	13	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Trichlorofluoromethane	ND		420	16	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Vinyl acetate	ND		420	200	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Vinyl chloride	ND		42	21	ug/Kg		08/05/20 12:37	08/06/20 13:58	50
Xylenes, Total	ND		130	35	ug/Kg		08/05/20 12:37	08/06/20 13:58	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methyl methacrylate	*97*	*J*	*ug/Kg*		*9.80*	*80-62-6*	*08/05/20 12:37*	*08/06/20 13:58*	*50*
Ethyl methacrylate	*95*	*J*	*ug/Kg*		*11.22*	*97-63-2*	*08/05/20 12:37*	*08/06/20 13:58*	*50*
Cyclohexanone	*1700*	*J*	*ug/Kg*		*13.93*	*108-94-1*	*08/05/20 12:37*	*08/06/20 13:58*	*50*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 13:58*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*	*08/05/20 12:37*	*08/06/20 13:58*	*50*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*	*08/05/20 12:37*	*08/06/20 13:58*	*50*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*79 - 133*	*08/05/20 12:37*	*08/06/20 13:58*	*50*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/05/20 12:37*	*08/06/20 13:58*	*50*

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		41	9.8	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1,1-Trichloroethane	ND		41	9.2	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1,2,2-Tetrachloroethane	ND		82	14	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	410	14	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1,2-Trichloroethane	ND		41	14	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1-Dichloroethane	ND		41	8.6	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1-Dichloroethene	ND		41	14	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,1-Dichloropropene	ND		82	13	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2,3-Trichlorobenzene	ND		82	37	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2,3-Trichloropropane	ND		82	34	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2,4-Trichlorobenzene	ND		82	13	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2,4-Trimethylbenzene	**260**		82	24	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2-Dibromo-3-Chloropropane	ND		410	71	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2-Dibromoethane	ND		41	10	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2-Dichlorobenzene	ND		41	9.3	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2-Dichloroethane	ND		41	13	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,2-Dichloropropane	ND		41	18	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,3,5-Trimethylbenzene	**210**		82	22	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,3-Butadiene	ND	*	41	32	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,3-Dichlorobenzene	ND		41	7.2	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,3-Dichloropropane	ND		41	10	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,4-Dichlorobenzene	ND		41	9.1	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
1,4-Dioxane	ND		4100	2000	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2,2,4-Trimethylpentane	ND		41	22	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2,2-Dichloropropane	ND		200	14	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2-Butanone	**170**	**J**	820	150	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2-Chloroethyl vinyl ether	ND		2000	340	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2-Chlorotoluene	ND		41	9.5	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2-Hexanone	ND		820	72	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
2-Methyl-2-butanol (TAA)	ND		2000	880	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
4-Chlorotoluene	ND		41	8.7	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
4-Methyl-2-pentanone	ND		820	180	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Acetone	ND		2000	260	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Acetonitrile	ND		4100	100	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Acrolein	ND		2000	510	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Acrylonitrile	ND		4100	120	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Benzene	ND		41	5.3	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Bromobenzene	ND		41	8.6	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Bromochloromethane	ND		82	28	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Bromodichloromethane	ND		41	9.5	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Bromoform	ND		200	32	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Bromomethane	ND		820	390	ug/Kg		08/05/20 12:37	08/06/20 14:26	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		410	13	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Carbon tetrachloride	ND		41	12	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Chlorobenzene	ND		41	9.2	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Chloroethane	ND		82	61	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Chloroform	ND		41	9.8	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Chloromethane	ND		820	12	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
cis-1,2-Dichloroethene	ND		41	11	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
cis-1,3-Dichloropropene	ND		41	10	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Cyclohexane	ND	*	2000	100	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Dibromochloromethane	ND		82	23	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Dibromomethane	ND		41	32	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Dichlorodifluoromethane	ND		82	18	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Diethyl ether	ND		820	240	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Di-isopropyl ether (DIPE)	ND		41	20	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Ethanol	ND		20000	3400	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Ethylbenzene	**65**		41	6.2	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Ethyl-t-butyl ether (ETBE)	ND		41	21	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Hexachloro-1,3-butadiene	ND		200	13	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Hexane	**52**	**J ***	200	15	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Iodomethane	ND	*	2000	340	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Isobutyl alcohol	ND		2000	190	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Isopropanol	ND		4100	1100	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Isopropylbenzene	**110**		41	22	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
m,p-Xylene	ND		82	11	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Methylene Chloride	ND		410	55	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Methyl-t-Butyl Ether (MTBE)	ND		82	12	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
n-Butylbenzene	**500**		41	6.4	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
N-Propylbenzene	**440**		82	21	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
o-Xylene	**24**	**J**	41	23	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
p-Isopropyltoluene	**230**		41	26	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
sec-Butylbenzene	**160**		41	24	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Styrene	ND		41	25	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Tert-amyl-methyl ether (TAME)	ND		41	14	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
tert-Butyl alcohol (TBA)	ND		820	210	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
tert-Butylbenzene	ND		41	6.2	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Tetrachloroethene	ND		41	8.6	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Tetrahydrofuran	ND		820	150	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Thiophene	ND		200	22	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Toluene	ND		41	21	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
trans-1,2-Dichloroethene	ND		41	21	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
trans-1,3-Dichloropropene	ND		82	25	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
trans-1,4-Dichloro-2-butene	ND		410	97	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Trichloroethene	ND		82	12	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Trichlorofluoromethane	ND		410	15	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Vinyl acetate	ND		410	190	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Vinyl chloride	ND		41	21	ug/Kg		08/05/20 12:37	08/06/20 14:26	50
Xylenes, Total	ND		120	34	ug/Kg		08/05/20 12:37	08/06/20 14:26	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methyl methacrylate	*180*	*J*	*ug/Kg*		*9.80*	*80-62-6*	*08/05/20 12:37*	*08/06/20 14:26*	*50*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Ethyl methacrylate	91	J	ug/Kg		11.21	97-63-2	08/05/20 12:37	08/06/20 14:26	50
Tentatively Identified Compound	None		ug/Kg				08/05/20 12:37	08/06/20 14:26	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		71 - 155	08/05/20 12:37	08/06/20 14:26	50
4-Bromofluorobenzene (Surr)	103		80 - 120	08/05/20 12:37	08/06/20 14:26	50
Dibromofluoromethane (Surr)	93		79 - 133	08/05/20 12:37	08/06/20 14:26	50
Toluene-d8 (Surr)	103		80 - 120	08/05/20 12:37	08/06/20 14:26	50

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		44	10	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1,1-Trichloroethane	ND		44	9.8	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1,2,2-Tetrachloroethane	ND		87	15	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	440	15	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1,2-Trichloroethane	ND		44	15	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1-Dichloroethane	ND		44	9.2	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1-Dichloroethene	ND		44	15	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,1-Dichloropropene	ND		87	14	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2,3-Trichlorobenzene	ND		87	40	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2,3-Trichloropropane	ND		87	36	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2,4-Trichlorobenzene	ND		87	14	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2,4-Trimethylbenzene	**470**		87	26	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2-Dibromo-3-Chloropropane	ND		440	76	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2-Dibromoethane	ND		44	11	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2-Dichlorobenzene	ND		44	10	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2-Dichloroethane	ND		44	14	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,2-Dichloropropane	ND		44	19	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,3,5-Trimethylbenzene	**410**		87	24	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,3-Butadiene	ND	*	44	35	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,3-Dichlorobenzene	ND		44	7.7	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,3-Dichloropropane	ND		44	11	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,4-Dichlorobenzene	ND		44	9.7	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
1,4-Dioxane	ND		4400	2100	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2,2,4-Trimethylpentane	ND		44	23	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2,2-Dichloropropane	ND		220	14	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2-Butanone	**190**	**J**	870	160	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2-Chloroethyl vinyl ether	ND		2200	370	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2-Chlorotoluene	ND		44	10	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2-Hexanone	ND		870	77	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
2-Methyl-2-butanol (TAA)	ND		2200	940	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
4-Chlorotoluene	ND		44	9.3	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
4-Methyl-2-pentanone	ND		870	190	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Acetone	ND		2200	270	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Acetonitrile	ND		4400	110	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Acrolein	ND		2200	540	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Acrylonitrile	ND		4400	130	ug/Kg		08/05/20 12:37	08/06/20 14:53	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		44	5.7	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Bromobenzene	ND		44	9.2	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Bromochloromethane	ND		87	30	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Bromodichloromethane	ND		44	10	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Bromoform	ND		220	35	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Bromomethane	ND		870	410	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Carbon disulfide	ND		440	13	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Carbon tetrachloride	ND		44	12	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Chlorobenzene	ND		44	9.8	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Chloroethane	ND		87	65	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Chloroform	ND		44	10	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Chloromethane	ND		870	13	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
cis-1,2-Dichloroethene	ND		44	12	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
cis-1,3-Dichloropropene	ND		44	11	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Cyclohexane	ND	*	2200	110	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Dibromochloromethane	ND		87	25	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Dibromomethane	ND		44	34	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Dichlorodifluoromethane	ND		87	19	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Diethyl ether	ND		870	260	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Di-isopropyl ether (DIPE)	ND		44	21	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Ethanol	ND		22000	3600	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Ethylbenzene	**120**		44	6.6	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Ethyl-t-butyl ether (ETBE)	ND		44	22	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Hexachloro-1,3-butadiene	ND		220	14	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Hexane	ND	*	220	16	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Iodomethane	ND	*	2200	360	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Isobutyl alcohol	ND		2200	200	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Isopropanol	ND		4400	1200	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Isopropylbenzene	**110**		44	24	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
m,p-Xylene	**49**	**J**	87	12	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Methylene Chloride	ND		440	58	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Methyl-t-Butyl Ether (MTBE)	ND		87	13	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Naphthalene	**8300**		440	36	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
n-Butylbenzene	**390**		44	6.8	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
N-Propylbenzene	**420**		87	22	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
o-Xylene	ND		44	24	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
p-Isopropyltoluene	**370**		44	27	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
sec-Butylbenzene	**160**		44	25	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Styrene	ND		44	26	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Tert-amyl-methyl ether (TAME)	ND		44	15	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
tert-Butyl alcohol (TBA)	ND		870	230	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
tert-Butylbenzene	ND		44	6.6	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Tetrachloroethene	ND		44	9.2	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Tetrahydrofuran	ND		870	160	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Thiophene	ND		220	24	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Toluene	ND		44	22	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
trans-1,2-Dichloroethene	ND		44	22	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
trans-1,3-Dichloropropene	ND		87	26	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
trans-1,4-Dichloro-2-butene	ND		440	100	ug/Kg		08/05/20 12:37	08/06/20 14:53	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	ND		87	13	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Trichlorofluoromethane	ND		440	16	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Vinyl acetate	ND		440	210	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Vinyl chloride	ND		44	22	ug/Kg		08/05/20 12:37	08/06/20 14:53	50
Xylenes, Total	**49**	**J**	130	36	ug/Kg		08/05/20 12:37	08/06/20 14:53	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Cyclohexanone	*760*	*J*	*ug/Kg*		*13.98*	*108-94-1*	*08/05/20 12:37*	*08/06/20 14:53*	*50*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 14:53*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*71 - 155*	*08/05/20 12:37*	*08/06/20 14:53*	*50*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*	*08/05/20 12:37*	*08/06/20 14:53*	*50*
Dibromofluoromethane (Surr)	*94*		*79 - 133*	*08/05/20 12:37*	*08/06/20 14:53*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/05/20 12:37*	*08/06/20 14:53*	*50*

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		45	11	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1,1-Trichloroethane	ND		45	10	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1,2,2-Tetrachloroethane	ND		89	15	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	450	16	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1,2-Trichloroethane	ND		45	16	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1-Dichloroethane	ND		45	9.4	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1-Dichloroethene	ND		45	15	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,1-Dichloropropene	ND		89	15	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2,3-Trichlorobenzene	ND		89	41	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2,3-Trichloropropane	ND		89	37	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2,4-Trichlorobenzene	ND		89	14	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2,4-Trimethylbenzene	**6700**		89	26	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2-Dibromo-3-Chloropropane	ND		450	78	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2-Dibromoethane	ND		45	11	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2-Dichlorobenzene	ND		45	10	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2-Dichloroethane	ND		45	14	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,2-Dichloropropane	ND		45	20	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,3,5-Trimethylbenzene	**3900**		89	25	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,3-Butadiene	ND	*	45	35	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,3-Dichlorobenzene	ND		45	7.9	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,3-Dichloropropane	ND		45	11	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,4-Dichlorobenzene	ND		45	9.9	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
1,4-Dioxane	ND		4500	2200	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2,2,4-Trimethylpentane	ND		45	24	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2,2-Dichloropropane	ND		220	15	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2-Butanone	ND		890	170	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2-Chloroethyl vinyl ether	ND		2200	370	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2-Chlorotoluene	ND		45	10	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2-Hexanone	ND		890	79	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
2-Methyl-2-butanol (TAA)	ND		2200	960	ug/Kg		08/05/20 12:37	08/06/20 15:20	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorotoluene	ND		45	9.5	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
4-Methyl-2-pentanone	ND		890	190	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Acetone	ND		2200	280	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Acetonitrile	ND		4500	110	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Acrolein	ND		2200	560	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Acrylonitrile	ND		4500	130	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Benzene	ND		45	5.8	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Bromobenzene	ND		45	9.4	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Bromochloromethane	ND		89	31	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Bromodichloromethane	ND		45	10	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Bromoform	ND		220	35	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Bromomethane	ND		890	420	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Carbon disulfide	ND		450	14	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Carbon tetrachloride	ND		45	13	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Chlorobenzene	ND		45	10	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Chloroethane	ND		89	67	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Chloroform	ND		45	11	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Chloromethane	ND		890	14	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
cis-1,2-Dichloroethene	ND		45	12	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
cis-1,3-Dichloropropene	ND		45	11	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Cyclohexane	**440**	**J ***	2200	110	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Dibromochloromethane	ND		89	25	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Dibromomethane	ND		45	35	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Dichlorodifluoromethane	ND		89	20	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Diethyl ether	ND		890	260	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Di-isopropyl ether (DIPE)	ND		45	22	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Ethanol	ND		22000	3700	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Ethylbenzene	**770**		45	6.8	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Ethyl-t-butyl ether (ETBE)	ND		45	23	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Hexachloro-1,3-butadiene	ND		220	14	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Hexane	**45**	**J ***	220	16	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Iodomethane	ND	*	2200	370	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Isobutyl alcohol	ND		2200	200	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Isopropanol	ND		4500	1200	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Isopropylbenzene	**410**		45	24	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
m,p-Xylene	**1400**		89	12	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Methylene Chloride	ND		450	60	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Methyl-t-Butyl Ether (MTBE)	ND		89	13	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
n-Butylbenzene	**1100**		45	7.0	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
N-Propylbenzene	**1000**		89	22	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
o-Xylene	**61**		45	25	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
p-Isopropyltoluene	**810**		45	28	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
sec-Butylbenzene	**380**		45	26	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Styrene	ND		45	27	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Tert-amyl-methyl ether (TAME)	ND		45	16	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
tert-Butyl alcohol (TBA)	ND		890	230	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
tert-Butylbenzene	ND		45	6.7	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Tetrachloroethene	ND		45	9.4	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Tetrahydrofuran	ND		890	170	ug/Kg		08/05/20 12:37	08/06/20 15:20	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thiophene	ND		220	25	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Toluene	ND		45	23	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
trans-1,2-Dichloroethene	ND		45	23	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
trans-1,3-Dichloropropene	ND		89	27	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
trans-1,4-Dichloro-2-butene	ND		450	110	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Trichloroethene	ND		89	13	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Trichlorofluoromethane	ND		450	17	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Vinyl acetate	ND		450	210	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Vinyl chloride	ND		45	22	ug/Kg		08/05/20 12:37	08/06/20 15:20	50
Xylenes, Total	**1500**		130	37	ug/Kg		08/05/20 12:37	08/06/20 15:20	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methyl methacrylate	*310*	*J*	*ug/Kg*		*9.81*	*80-62-6*	*08/05/20 12:37*	*08/06/20 15:20*	*50*
Ethyl methacrylate	*88*	*J*	*ug/Kg*		*11.16*	*97-63-2*	*08/05/20 12:37*	*08/06/20 15:20*	*50*
Cyclohexanone	*2000*	*J*	*ug/Kg*		*13.92*	*108-94-1*	*08/05/20 12:37*	*08/06/20 15:20*	*50*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 15:20*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 155*	*08/05/20 12:37*	*08/06/20 15:20*	*50*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*	*08/05/20 12:37*	*08/06/20 15:20*	*50*
Dibromofluoromethane (Surr)	*93*		*79 - 133*	*08/05/20 12:37*	*08/06/20 15:20*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/05/20 12:37*	*08/06/20 15:20*	*50*

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		57	14	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1,1-Trichloroethane	ND		57	13	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1,2,2-Tetrachloroethane	ND		110	20	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	570	20	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1,2-Trichloroethane	ND		57	20	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1-Dichloroethane	ND		57	12	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1-Dichloroethene	ND		57	20	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,1-Dichloropropene	ND		110	19	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2,3-Trichlorobenzene	ND		110	52	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2,3-Trichloropropane	ND		110	47	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2,4-Trichlorobenzene	ND		110	18	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2,4-Trimethylbenzene	**7400**		110	33	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2-Dibromo-3-Chloropropane	ND		570	99	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2-Dibromoethane	ND		57	14	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2-Dichlorobenzene	ND		57	13	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2-Dichloroethane	ND		57	18	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,2-Dichloropropane	ND		57	25	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,3,5-Trimethylbenzene	**5000**		110	31	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,3-Butadiene	ND	*	57	45	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,3-Dichlorobenzene	ND		57	10	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,3-Dichloropropane	ND		57	14	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,4-Dichlorobenzene	ND		57	13	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
1,4-Dioxane	ND		5700	2700	ug/Kg		08/05/20 12:37	08/06/20 15:47	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	ND		57	30	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
2,2-Dichloropropane	ND		280	19	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
2-Butanone	**250**	**J**	1100	210	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
2-Chloroethyl vinyl ether	ND		2800	480	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
2-Chlorotoluene	ND		57	13	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
2-Hexanone	ND		1100	100	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
2-Methyl-2-butanol (TAA)	ND		2800	1200	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
4-Chlorotoluene	ND		57	12	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
4-Methyl-2-pentanone	ND		1100	240	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Acetone	ND		2800	350	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Acetonitrile	ND		5700	140	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Acrolein	ND		2800	710	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Acrylonitrile	ND		5700	170	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Benzene	**200**		57	7.4	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Bromobenzene	ND		57	12	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Bromochloromethane	ND		110	39	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Bromodichloromethane	ND		57	13	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Bromoform	ND		280	45	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Bromomethane	ND		1100	530	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Carbon disulfide	ND		570	17	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Carbon tetrachloride	ND		57	16	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Chlorobenzene	ND		57	13	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Chloroethane	ND		110	85	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Chloroform	ND		57	14	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Chloromethane	ND		1100	17	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
cis-1,2-Dichloroethene	ND		57	16	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
cis-1,3-Dichloropropene	ND		57	14	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Cyclohexane	**800**	**J ***	2800	140	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Dibromochloromethane	ND		110	32	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Dibromomethane	ND		57	44	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Dichlorodifluoromethane	ND		110	25	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Diethyl ether	ND		1100	330	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Di-isopropyl ether (DIPE)	ND		57	27	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Ethanol	ND		28000	4700	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Ethylbenzene	**1600**		57	8.6	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Ethyl-t-butyl ether (ETBE)	ND		57	29	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Hexachloro-1,3-butadiene	ND		280	18	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Hexane	**160**	**J ***	280	21	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Iodomethane	ND	*	2800	470	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Isobutyl alcohol	ND		2800	260	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Isopropanol	ND		5700	1600	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Isopropylbenzene	**640**		57	31	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
m,p-Xylene	**2800**		110	15	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Methylene Chloride	ND		570	76	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Methyl-t-Butyl Ether (MTBE)	ND		110	17	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
n-Butylbenzene	**1000**		57	8.9	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
N-Propylbenzene	**1600**		110	28	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
o-Xylene	**680**		57	32	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
p-Isopropyltoluene	**770**		57	36	ug/Kg		08/05/20 12:37	08/06/20 15:47	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	**380**		57	33	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Styrene	ND		57	34	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Tert-amyl-methyl ether (TAME)	ND		57	20	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
tert-Butyl alcohol (TBA)	ND		1100	290	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
tert-Butylbenzene	ND		57	8.5	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Tetrachloroethene	ND		57	12	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Tetrahydrofuran	ND		1100	210	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Thiophene	ND		280	31	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Toluene	ND		57	29	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
trans-1,2-Dichloroethene	ND		57	29	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
trans-1,3-Dichloropropene	ND		110	34	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
trans-1,4-Dichloro-2-butene	ND		570	130	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Trichloroethene	ND		110	17	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Trichlorofluoromethane	ND		570	21	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Vinyl acetate	ND		570	270	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Vinyl chloride	ND		57	28	ug/Kg		08/05/20 12:37	08/06/20 15:47	50
Xylenes, Total	**3500**		170	47	ug/Kg		08/05/20 12:37	08/06/20 15:47	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methyl methacrylate	*530*	*J*	*ug/Kg*		*9.81*	*80-62-6*	*08/05/20 12:37*	*08/06/20 15:47*	*50*
Ethyl methacrylate	*250*	*J*	*ug/Kg*		*11.22*	*97-63-2*	*08/05/20 12:37*	*08/06/20 15:47*	*50*
Cyclohexanone	*2600*	*J*	*ug/Kg*		*13.92*	*108-94-1*	*08/05/20 12:37*	*08/06/20 15:47*	*50*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 15:47*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*71 - 155*	*08/05/20 12:37*	*08/06/20 15:47*	*50*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*08/05/20 12:37*	*08/06/20 15:47*	*50*
Dibromofluoromethane (Surr)	*98*		*79 - 133*	*08/05/20 12:37*	*08/06/20 15:47*	*50*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/05/20 12:37*	*08/06/20 15:47*	*50*

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		75	18	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1,1-Trichloroethane	ND		75	17	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1,2,2-Tetrachloroethane	ND		150	26	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	750	26	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1,2-Trichloroethane	ND		75	27	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1-Dichloroethane	ND		75	16	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1-Dichloroethene	ND		75	26	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,1-Dichloropropene	ND		150	25	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2,3-Trichlorobenzene	ND		150	69	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2,3-Trichloropropane	ND		150	62	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2,4-Trichlorobenzene	ND		150	23	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2,4-Trimethylbenzene	**15000**		150	44	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2-Dibromo-3-Chloropropane	ND		750	130	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2-Dibromoethane	ND		75	19	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2-Dichlorobenzene	ND		75	17	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,2-Dichloroethane	ND		75	24	ug/Kg		08/05/20 12:37	08/06/20 16:14	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		75	33	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,3,5-Trimethylbenzene	**8100**		150	41	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,3-Butadiene	ND	*	75	60	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,3-Dichlorobenzene	ND		75	13	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,3-Dichloropropane	ND		75	19	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,4-Dichlorobenzene	ND		75	17	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
1,4-Dioxane	ND		7500	3600	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2,2,4-Trimethylpentane	ND		75	40	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2,2-Dichloropropane	ND		380	25	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2-Butanone	**330**	**J**	1500	280	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2-Chloroethyl vinyl ether	ND		3800	630	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2-Chlorotoluene	ND		75	17	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2-Hexanone	ND		1500	130	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
2-Methyl-2-butanol (TAA)	ND		3800	1600	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
4-Chlorotoluene	ND		75	16	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
4-Methyl-2-pentanone	ND		1500	320	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Acetone	ND		3800	470	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Acetonitrile	ND		7500	190	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Acrolein	ND		3800	940	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Acrylonitrile	ND		7500	230	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Benzene	**290**		75	9.7	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Bromobenzene	ND		75	16	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Bromochloromethane	ND		150	52	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Bromodichloromethane	ND		75	17	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Bromoform	ND		380	60	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Bromomethane	ND		1500	710	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Carbon disulfide	ND		750	23	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Carbon tetrachloride	ND		75	21	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Chlorobenzene	ND		75	17	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Chloroethane	ND		150	110	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Chloroform	ND		75	18	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Chloromethane	ND		1500	23	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
cis-1,2-Dichloroethene	ND		75	21	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
cis-1,3-Dichloropropene	ND		75	19	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Cyclohexane	**1000**	**J ***	3800	190	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Dibromochloromethane	ND		150	43	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Dibromomethane	ND		75	58	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Dichlorodifluoromethane	ND		150	33	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Diethyl ether	ND		1500	440	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Di-isopropyl ether (DIPE)	ND		75	36	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Ethanol	ND		38000	6300	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Ethylbenzene	**2200**		75	11	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Ethyl-t-butyl ether (ETBE)	ND		75	38	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Hexachloro-1,3-butadiene	ND		380	24	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Hexane	**370**	**J ***	380	28	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Iodomethane	ND	*	3800	620	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Isobutyl alcohol	ND		3800	340	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Isopropanol	ND		7500	2100	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Isopropylbenzene	**910**		75	41	ug/Kg		08/05/20 12:37	08/06/20 16:14	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	**4600**		150	20	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Methylene Chloride	ND		750	100	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Methyl-t-Butyl Ether (MTBE)	ND		150	22	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
n-Butylbenzene	**2100**		75	12	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
N-Propylbenzene	**2300**		150	38	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
o-Xylene	**4500**		75	42	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
p-Isopropyltoluene	**1500**		75	47	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
sec-Butylbenzene	**710**		75	43	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Styrene	ND		75	45	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Tert-amyl-methyl ether (TAME)	ND		75	26	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
tert-Butyl alcohol (TBA)	ND		1500	390	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
tert-Butylbenzene	ND		75	11	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Tetrachloroethene	ND		75	16	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Tetrahydrofuran	ND		1500	280	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Thiophene	ND		380	41	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Toluene	**50**	**J**	75	39	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
trans-1,2-Dichloroethene	ND		75	38	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
trans-1,3-Dichloropropene	ND		150	45	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
trans-1,4-Dichloro-2-butene	ND		750	180	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Trichloroethene	ND		150	23	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Trichlorofluoromethane	ND		750	28	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Vinyl acetate	ND		750	360	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Vinyl chloride	ND		75	38	ug/Kg		08/05/20 12:37	08/06/20 16:14	50
Xylenes, Total	**9100**		230	62	ug/Kg		08/05/20 12:37	08/06/20 16:14	50

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Methyl methacrylate	*690*	*J*	*ug/Kg*		*9.81*	*80-62-6*	*08/05/20 12:37*	*08/06/20 16:14*	*50*
Ethyl methacrylate	*350*	*J*	*ug/Kg*		*11.22*	*97-63-2*	*08/05/20 12:37*	*08/06/20 16:14*	*50*
Cyclohexanone	*6700*		*ug/Kg*		*13.92*	*108-94-1*	*08/05/20 12:37*	*08/06/20 16:14*	*50*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/06/20 16:14*	*50*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*71 - 155*	*08/05/20 12:37*	*08/06/20 16:14*	*50*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*08/05/20 12:37*	*08/06/20 16:14*	*50*
Dibromofluoromethane (Surr)	*96*		*79 - 133*	*08/05/20 12:37*	*08/06/20 16:14*	*50*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/05/20 12:37*	*08/06/20 16:14*	*50*

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		870	210	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1,1-Trichloroethane	ND		870	200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1,2,2-Tetrachloroethane	ND		1700	300	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8700	310	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1,2-Trichloroethane	ND		870	310	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1-Dichloroethane	ND		870	180	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1-Dichloroethene	ND		870	300	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,1-Dichloropropene	ND		1700	290	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2,3-Trichlorobenzene	ND		1700	800	ug/Kg		08/05/20 12:37	08/15/20 09:37	500

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		1700	720	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2,4-Trichlorobenzene	ND		1700	270	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2,4-Trimethylbenzene	**6700**		1700	510	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2-Dibromo-3-Chloropropane	ND		8700	1500	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2-Dibromoethane	ND		870	220	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2-Dichlorobenzene	ND		870	200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2-Dichloroethane	ND		870	270	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,2-Dichloropropane	ND		870	380	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,3,5-Trimethylbenzene	**2700**		1700	480	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,3-Butadiene	ND	*	870	690	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,3-Dichlorobenzene	ND		870	150	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,3-Dichloropropane	ND		870	220	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,4-Dichlorobenzene	ND		870	190	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
1,4-Dioxane	ND		87000	42000	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
2,2,4-Trimethylpentane	ND		870	470	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
2,2-Dichloropropane	ND		4400	290	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
2-Butanone	ND		17000	3300	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
2-Chlorotoluene	ND		870	200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
2-Hexanone	ND		17000	1500	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
2-Methyl-2-butanol (TAA)	ND		44000	19000	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
4-Chlorotoluene	ND		870	190	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
4-Methyl-2-pentanone	ND		17000	3800	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Acetone	ND		44000	5400	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Acetonitrile	ND		87000	2200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Acrolein	ND		44000	11000	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Acrylonitrile	ND		87000	2600	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Benzene	**1300**		870	110	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Bromobenzene	ND		870	180	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Bromochloromethane	ND		1700	600	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Bromodichloromethane	ND		870	200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Bromoform	ND		4400	690	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Bromomethane	ND		17000	8200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Carbon disulfide	ND		8700	270	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Carbon tetrachloride	ND		870	250	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Chlorobenzene	ND		870	200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Chloroethane	ND		1700	1300	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Chloroform	ND		870	210	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Chloromethane	ND		17000	270	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
cis-1,2-Dichloroethene	ND		870	240	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
cis-1,3-Dichloropropene	ND		870	220	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Cyclohexane	**3500**	**J**	44000	2200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Dibromochloromethane	ND		1700	500	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Dibromomethane	ND		870	680	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Dichlorodifluoromethane	ND		1700	390	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Diethyl ether	ND		17000	5100	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Di-isopropyl ether (DIPE)	ND		870	420	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Ethanol	ND		440000	73000	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Ethylbenzene	**1400**		870	130	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Ethyl-t-butyl ether (ETBE)	ND		870	440	ug/Kg		08/05/20 12:37	08/15/20 09:37	500

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		4400	280	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Hexane	**970**	**J**	4400	320	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Iodomethane	ND		44000	7300	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Isobutyl alcohol	ND		44000	4000	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Isopropanol	ND		87000	24000	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Isopropylbenzene	ND		870	480	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
m,p-Xylene	**9200**		1700	230	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Methylene Chloride	ND		8700	1200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Methyl-t-Butyl Ether (MTBE)	ND		1700	260	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Naphthalene	**42000**		8700	710	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
n-Butylbenzene	**1000**		870	140	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
N-Propylbenzene	**740**	**J**	1700	440	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
o-Xylene	**3000**		870	490	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
p-Isopropyltoluene	**580**	**J**	870	550	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
sec-Butylbenzene	ND		870	500	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Styrene	ND		870	530	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Tert-amyl-methyl ether (TAME)	ND		870	310	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
tert-Butyl alcohol (TBA)	ND		17000	4500	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
tert-Butylbenzene	ND		870	130	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Tetrachloroethene	ND		870	180	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Tetrahydrofuran	ND		17000	3200	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Thiophene	ND		4400	480	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Toluene	**5900**		870	450	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
trans-1,2-Dichloroethene	ND		870	440	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
trans-1,3-Dichloropropene	ND		1700	530	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
trans-1,4-Dichloro-2-butene	ND		8700	2100	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Trichloroethene	**260**	**J**	1700	260	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Trichlorofluoromethane	ND		8700	330	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Vinyl acetate	ND		8700	4100	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Vinyl chloride	ND		870	440	ug/Kg		08/05/20 12:37	08/15/20 09:37	500
Xylenes, Total	**12000**		2600	720	ug/Kg		08/05/20 12:37	08/15/20 09:37	500

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*				*08/05/20 12:37*	*08/15/20 09:37*	*500*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*	*08/05/20 12:37*	*08/15/20 09:37*	*500*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/15/20 09:37*	*500*
Dibromofluoromethane (Surr)	*102*		*79 - 133*	*08/05/20 12:37*	*08/15/20 09:37*	*500*
Toluene-d8 (Surr)	*100*		*80 - 120*	*08/05/20 12:37*	*08/15/20 09:37*	*500*

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	16000		4200	340	ug/Kg		08/05/20 12:37	08/06/20 18:19	500

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				08/05/20 12:37	08/06/20 18:19	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		71 - 155	08/05/20 12:37	08/06/20 18:19	500
4-Bromofluorobenzene (Surr)	101		80 - 120	08/05/20 12:37	08/06/20 18:19	500
Dibromofluoromethane (Surr)	96		79 - 133	08/05/20 12:37	08/06/20 18:19	500
Toluene-d8 (Surr)	99		80 - 120	08/05/20 12:37	08/06/20 18:19	500

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	13000		4100	330	ug/Kg		08/05/20 12:37	08/06/20 18:47	500

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				08/05/20 12:37	08/06/20 18:47	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		71 - 155	08/05/20 12:37	08/06/20 18:47	500
4-Bromofluorobenzene (Surr)	103		80 - 120	08/05/20 12:37	08/06/20 18:47	500
Dibromofluoromethane (Surr)	98		79 - 133	08/05/20 12:37	08/06/20 18:47	500
Toluene-d8 (Surr)	101		80 - 120	08/05/20 12:37	08/06/20 18:47	500

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	33000		8900	730	ug/Kg		08/05/20 12:37	08/06/20 19:14	1000

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				08/05/20 12:37	08/06/20 19:14	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		71 - 155	08/05/20 12:37	08/06/20 19:14	1000
4-Bromofluorobenzene (Surr)	101		80 - 120	08/05/20 12:37	08/06/20 19:14	1000
Dibromofluoromethane (Surr)	98		79 - 133	08/05/20 12:37	08/06/20 19:14	1000
Toluene-d8 (Surr)	100		80 - 120	08/05/20 12:37	08/06/20 19:14	1000

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	31000		5700	460	ug/Kg		08/05/20 12:37	08/06/20 19:42	500

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				08/05/20 12:37	08/06/20 19:42	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		71 - 155	08/05/20 12:37	08/06/20 19:42	500

Method: 8260B - Volatile Organic Compounds (GC/MS) - DL (Continued)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		80 - 120	08/05/20 12:37	08/06/20 19:42	500
Dibromofluoromethane (Surr)	97		79 - 133	08/05/20 12:37	08/06/20 19:42	500
Toluene-d8 (Surr)	99		80 - 120	08/05/20 12:37	08/06/20 19:42	500

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	63000		15000	1200	ug/Kg		08/05/20 12:37	08/06/20 20:09	1000

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg				08/05/20 12:37	08/06/20 20:09	1000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		71 - 155	08/05/20 12:37	08/06/20 20:09	1000
4-Bromofluorobenzene (Surr)	101		80 - 120	08/05/20 12:37	08/06/20 20:09	1000
Dibromofluoromethane (Surr)	96		79 - 133	08/05/20 12:37	08/06/20 20:09	1000
Toluene-d8 (Surr)	100		80 - 120	08/05/20 12:37	08/06/20 20:09	1000

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA

Client Sample ID: TB-1
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-5
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/14/20 22:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 129*		*08/14/20 22:10*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/14/20 22:10*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 128*		*08/14/20 22:10*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/14/20 22:10*	*1*

Client Sample ID: TB-2
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-6
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/14/20 22:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 129*		*08/14/20 22:35*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/14/20 22:35*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 128*		*08/14/20 22:35*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/14/20 22:35*	*1*

Client Sample ID: TB-3
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-7
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/14/20 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 129*		*08/14/20 23:01*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/14/20 23:01*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 128*		*08/14/20 23:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/14/20 23:01*	*1*

Client Sample ID: TB-4
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-8
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/14/20 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 129*		*08/14/20 23:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/14/20 23:27*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 128*		*08/14/20 23:27*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/14/20 23:27*	*1*

Client Sample ID: TB-5
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-9
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/14/20 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 129*		*08/14/20 23:52*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) - RA (Continued)

Client Sample ID: TB-5
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-9
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*77 - 120*		*08/14/20 23:52*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 128*		*08/14/20 23:52*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/14/20 23:52*	*1*

Client Sample ID: TB-6
Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-10
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/15/20 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 129*		*08/15/20 00:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*77 - 120*		*08/15/20 00:18*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 128*		*08/15/20 00:18*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/15/20 00:18*	*1*

Method: 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
2-Methylnaphthalene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Acenaphthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Acenaphthylene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Benzo[a]anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Benzo[a]pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Benzo[b]fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Benzo[g,h,i]perylene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Benzo[k]fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Chrysene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Dibenz(a,h)anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Fluorene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Indeno[1,2,3-cd]pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Naphthalene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Phenanthrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1
Pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*33 - 144*	*08/06/20 07:03*	*08/07/20 12:01*	*1*
Nitrobenzene-d5 (Surr)	*68*		*28 - 139*	*08/06/20 07:03*	*08/07/20 12:01*	*1*
p-Terphenyl-d14 (Surr)	*91*		*23 - 160*	*08/06/20 07:03*	*08/07/20 12:01*	*1*

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
2-Methylnaphthalene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Acenaphthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Acenaphthylene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Benzo[a]anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Benzo[a]pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Benzo[b]fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Benzo[g,h,i]perylene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Benzo[k]fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Chrysene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Dibenz(a,h)anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Fluorene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Indeno[1,2,3-cd]pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Naphthalene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Phenanthrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1
Pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*33 - 144*	*08/06/20 07:03*	*08/07/20 12:21*	*1*
Nitrobenzene-d5 (Surr)	*84*		*28 - 139*	*08/06/20 07:03*	*08/07/20 12:21*	*1*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*89*		*23 - 160*	*08/06/20 07:03*	*08/07/20 12:21*	*1*

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.44**		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
2-Methylnaphthalene	**0.94**		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Acenaphthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Acenaphthylene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Benzo[a]anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Benzo[a]pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Benzo[b]fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Benzo[g,h,i]perylene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Benzo[k]fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Chrysene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Dibenz(a,h)anthracene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Fluoranthene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Fluorene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Indeno[1,2,3-cd]pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Naphthalene	**0.54**		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Phenanthrene	**0.20**		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1
Pyrene	ND		0.19		ug/L		08/06/20 07:03	08/07/20 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*33 - 144*	*08/06/20 07:03*	*08/07/20 12:40*	*1*
Nitrobenzene-d5 (Surr)	*53*		*28 - 139*	*08/06/20 07:03*	*08/07/20 12:40*	*1*
p-Terphenyl-d14 (Surr)	*90*		*23 - 160*	*08/06/20 07:03*	*08/07/20 12:40*	*1*

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.0039**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
2-Methylnaphthalene	**0.0052**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Anthracene	**0.0031**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Benzo[a]anthracene	**0.013**	**J**	0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Benzo[a]pyrene	**0.0047**	**J**	0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Benzo[b]fluoranthene	**0.011**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Benzo[g,h,i]perylene	**0.013**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Benzo[k]fluoranthene	**0.0058**	**J**	0.020	0.0033	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Chrysene	**0.021**		0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Dibenz(a,h)anthracene	**0.0093**	**J**	0.020	0.0021	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Fluoranthene	**0.049**		0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Fluorene	**0.0037**	**J**	0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Indeno[1,2,3-cd]pyrene	**0.0068**	**J**	0.020	0.0025	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Naphthalene	**0.0024**	**J**	0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 14:32	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	**0.074**		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 14:32	1
Pyrene	**0.035**		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*08/06/20 07:38*	*08/12/20 14:32*	*1*
Nitrobenzene-d5 (Surr)	*68*		*20 - 145*	*08/06/20 07:38*	*08/12/20 14:32*	*1*
p-Terphenyl-d14 (Surr)	*103*		*33 - 147*	*08/06/20 07:38*	*08/12/20 14:32*	*1*

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
2-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Anthracene	**0.0028**	**J**	0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Benzo[a]anthracene	**0.014**	**J**	0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Benzo[a]pyrene	**0.0063**	**J**	0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Benzo[b]fluoranthene	**0.0041**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Benzo[g,h,i]perylene	**0.011**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Benzo[k]fluoranthene	**0.0082**	**J**	0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Chrysene	**0.018**	**J**	0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Dibenz(a,h)anthracene	**0.0056**	**J**	0.020	0.0021	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Fluoranthene	**0.018**	**J**	0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Fluorene	ND		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Indeno[1,2,3-cd]pyrene	**0.0053**	**J**	0.020	0.0025	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Naphthalene	ND		0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Phenanthrene	**0.016**	**J**	0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 14:52	1
Pyrene	**0.021**		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*22 - 130*	*08/06/20 07:38*	*08/12/20 14:52*	*1*
Nitrobenzene-d5 (Surr)	*57*		*20 - 145*	*08/06/20 07:38*	*08/12/20 14:52*	*1*
p-Terphenyl-d14 (Surr)	*99*		*33 - 147*	*08/06/20 07:38*	*08/12/20 14:52*	*1*

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
2-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Anthracene	**0.0017**	**J**	0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Benzo[a]anthracene	**0.0078**	**J**	0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Benzo[a]pyrene	**0.0057**	**J**	0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Benzo[b]fluoranthene	**0.0067**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Benzo[g,h,i]perylene	**0.015**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Benzo[k]fluoranthene	**0.0058**	**J**	0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 15:12	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	**0.012**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Dibenz(a,h)anthracene	ND		0.020	0.0021	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Fluoranthene	**0.010**	**J**	0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Fluorene	ND		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0025	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Naphthalene	ND		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Phenanthrene	**0.012**	**J**	0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 15:12	1
Pyrene	**0.014**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*22 - 130*	*08/06/20 07:38*	*08/12/20 15:12*	*1*
Nitrobenzene-d5 (Surr)	*56*		*20 - 145*	*08/06/20 07:38*	*08/12/20 15:12*	*1*
p-Terphenyl-d14 (Surr)	*100*		*33 - 147*	*08/06/20 07:38*	*08/12/20 15:12*	*1*

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.0055**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
2-Methylnaphthalene	**0.011**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Anthracene	ND		0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Benzo[a]anthracene	**0.0052**	**J**	0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Benzo[a]pyrene	**0.0040**	**J**	0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Benzo[b]fluoranthene	**0.0054**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Benzo[g,h,i]perylene	**0.0085**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Benzo[k]fluoranthene	ND		0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Chrysene	**0.0083**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Dibenz(a,h)anthracene	ND		0.020	0.0021	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Fluoranthene	**0.0050**	**J**	0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Fluorene	ND		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Indeno[1,2,3-cd]pyrene	**0.0056**	**J**	0.020	0.0025	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Naphthalene	**0.0090**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Phenanthrene	**0.0051**	**J**	0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 15:31	1
Pyrene	**0.0069**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*22 - 130*	*08/06/20 07:38*	*08/12/20 15:31*	*1*
Nitrobenzene-d5 (Surr)	*71*		*20 - 145*	*08/06/20 07:38*	*08/12/20 15:31*	*1*
p-Terphenyl-d14 (Surr)	*106*		*33 - 147*	*08/06/20 07:38*	*08/12/20 15:31*	*1*

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.0031**	**J**	0.040	0.0029	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
2-Methylnaphthalene	**0.0065**	**J**	0.040	0.0029	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Acenaphthene	ND		0.040	0.0020	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Acenaphthylene	ND		0.040	0.034	mg/Kg		08/06/20 07:38	08/12/20 15:51	2

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.018**	**J**	0.040	0.0027	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Benzo[a]anthracene	**0.0055**	**J**	0.040	0.0044	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Benzo[a]pyrene	ND		0.040	0.0054	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Benzo[b]fluoranthene	ND		0.040	0.0058	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Benzo[g,h,i]perylene	**0.013**	**J**	0.080	0.012	mg/Kg		08/06/20 07:38	08/13/20 11:50	4
Benzo[k]fluoranthene	ND		0.040	0.0064	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Chrysene	**0.017**	**J**	0.040	0.0031	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Dibenz(a,h)anthracene	ND		0.080	0.0084	mg/Kg		08/06/20 07:38	08/13/20 11:50	4
Fluoranthene	ND		0.040	0.0038	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Fluorene	ND		0.040	0.0033	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Indeno[1,2,3-cd]pyrene	ND		0.080	0.0099	mg/Kg		08/06/20 07:38	08/13/20 11:50	4
Naphthalene	**0.0048**	**J**	0.040	0.0031	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Phenanthrene	**0.012**	**J**	0.040	0.0033	mg/Kg		08/06/20 07:38	08/12/20 15:51	2
Pyrene	**0.0053**	**J**	0.040	0.0030	mg/Kg		08/06/20 07:38	08/12/20 15:51	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*08/06/20 07:38*	*08/12/20 15:51*	*2*
2-Fluorobiphenyl (Surr)	*66*		*22 - 130*	*08/06/20 07:38*	*08/13/20 11:50*	*4*
Nitrobenzene-d5 (Surr)	*55*		*20 - 145*	*08/06/20 07:38*	*08/12/20 15:51*	*2*
Nitrobenzene-d5 (Surr)	*47*		*20 - 145*	*08/06/20 07:38*	*08/13/20 11:50*	*4*
p-Terphenyl-d14 (Surr)	*121*		*33 - 147*	*08/06/20 07:38*	*08/12/20 15:51*	*2*
p-Terphenyl-d14 (Surr)	*93*		*33 - 147*	*08/06/20 07:38*	*08/13/20 11:50*	*4*

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.020**		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
2-Methylnaphthalene	**0.039**		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Anthracene	**0.021**		0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Benzo[a]anthracene	**0.0083**	**J**	0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Benzo[a]pyrene	ND		0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Benzo[b]fluoranthene	**0.0044**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Benzo[g,h,i]perylene	ND		0.10	0.015	mg/Kg		08/06/20 07:38	08/13/20 12:10	5
Benzo[k]fluoranthene	**0.0037**	**J**	0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Chrysene	**0.034**		0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Dibenz(a,h)anthracene	ND		0.10	0.011	mg/Kg		08/06/20 07:38	08/13/20 12:10	5
Fluoranthene	**0.0058**	**J**	0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Fluorene	**0.047**		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Indeno[1,2,3-cd]pyrene	ND		0.10	0.012	mg/Kg		08/06/20 07:38	08/13/20 12:10	5
Naphthalene	**0.011**	**J**	0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Phenanthrene	**0.51**		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 16:11	1
Pyrene	**0.032**		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 16:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*22 - 130*	*08/06/20 07:38*	*08/12/20 16:11*	*1*
2-Fluorobiphenyl (Surr)	*51*		*22 - 130*	*08/06/20 07:38*	*08/13/20 12:10*	*5*
Nitrobenzene-d5 (Surr)	*68*		*20 - 145*	*08/06/20 07:38*	*08/12/20 16:11*	*1*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*44*		*20 - 145*	*08/06/20 07:38*	*08/13/20 12:10*	*5*
p-Terphenyl-d14 (Surr)	*137*		*33 - 147*	*08/06/20 07:38*	*08/12/20 16:11*	*1*
p-Terphenyl-d14 (Surr)	*88*		*33 - 147*	*08/06/20 07:38*	*08/13/20 12:10*	*5*

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.0075**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
2-Methylnaphthalene	**0.012**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Acenaphthene	ND		0.020	0.00099	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Anthracene	**0.015**	**J**	0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Benzo[a]anthracene	**0.0097**	**J**	0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Benzo[a]pyrene	ND		0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Benzo[b]fluoranthene	**0.011**	**J**	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Benzo[g,h,i]perylene	ND		0.098	0.014	mg/Kg		08/06/20 07:38	08/13/20 12:30	5
Benzo[k]fluoranthene	**0.0057**	**J**	0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Chrysene	**0.028**		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Dibenz(a,h)anthracene	ND		0.098	0.010	mg/Kg		08/06/20 07:38	08/13/20 12:30	5
Fluoranthene	**0.0058**	**J**	0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Fluorene	**0.037**		0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Indeno[1,2,3-cd]pyrene	ND		0.098	0.012	mg/Kg		08/06/20 07:38	08/13/20 12:30	5
Naphthalene	**0.0048**	**J**	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Phenanthrene	**0.41**		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 16:30	1
Pyrene	**0.025**		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 16:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*22 - 130*	*08/06/20 07:38*	*08/12/20 16:30*	*1*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*	*08/06/20 07:38*	*08/13/20 12:30*	*5*
Nitrobenzene-d5 (Surr)	*78*		*20 - 145*	*08/06/20 07:38*	*08/12/20 16:30*	*1*
Nitrobenzene-d5 (Surr)	*62*		*20 - 145*	*08/06/20 07:38*	*08/13/20 12:30*	*5*
p-Terphenyl-d14 (Surr)	*107*		*33 - 147*	*08/06/20 07:38*	*08/12/20 16:30*	*1*
p-Terphenyl-d14 (Surr)	*74*		*33 - 147*	*08/06/20 07:38*	*08/13/20 12:30*	*5*

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.025**	**J**	0.040	0.0029	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
2-Methylnaphthalene	**0.038**	**J**	0.040	0.0029	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Acenaphthene	**0.015**	**J**	0.040	0.0020	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Acenaphthylene	ND		0.040	0.034	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Anthracene	**0.054**		0.040	0.0027	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Benzo[a]anthracene	**0.025**	**J**	0.040	0.0044	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Benzo[a]pyrene	ND		0.040	0.0054	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Benzo[b]fluoranthene	**0.011**	**J**	0.040	0.0058	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Benzo[g,h,i]perylene	ND		0.040	0.0058	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Benzo[k]fluoranthene	**0.0083**	**J**	0.040	0.0064	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Chrysene	**0.086**		0.040	0.0031	mg/Kg		08/06/20 07:38	08/12/20 16:50	2

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.040	0.0042	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Fluoranthene	**0.022**	**J**	0.040	0.0038	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Fluorene	**0.18**		0.040	0.0033	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Indeno[1,2,3-cd]pyrene	ND		0.040	0.0049	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Naphthalene	**0.0069**	**J**	0.040	0.0031	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Phenanthrene	**3.0**		0.040	0.0033	mg/Kg		08/06/20 07:38	08/12/20 16:50	2
Pyrene	**0.088**		0.040	0.0030	mg/Kg		08/06/20 07:38	08/12/20 16:50	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*22 - 130*	*08/06/20 07:38*	*08/12/20 16:50*	*2*
Nitrobenzene-d5 (Surr)	*58*		*20 - 145*	*08/06/20 07:38*	*08/12/20 16:50*	*2*
p-Terphenyl-d14 (Surr)	*106*		*33 - 147*	*08/06/20 07:38*	*08/12/20 16:50*	*2*

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.14**		0.040	0.0029	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
2-Methylnaphthalene	**0.23**		0.040	0.0029	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Acenaphthene	**0.032**	**J**	0.040	0.0020	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Acenaphthylene	ND		0.040	0.034	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Anthracene	**0.055**		0.040	0.0027	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Benzo[a]anthracene	**0.023**	**J**	0.040	0.0044	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Benzo[a]pyrene	**0.0097**	**J**	0.040	0.0054	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Benzo[b]fluoranthene	**0.0082**	**J**	0.040	0.0058	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Benzo[g,h,i]perylene	**0.019**	**J**	0.080	0.012	mg/Kg		08/06/20 07:38	08/13/20 12:49	4
Benzo[k]fluoranthene	ND		0.040	0.0064	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Chrysene	**0.090**		0.040	0.0031	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Dibenz(a,h)anthracene	ND		0.080	0.0085	mg/Kg		08/06/20 07:38	08/13/20 12:49	4
Fluoranthene	**0.015**	**J**	0.040	0.0038	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Fluorene	**0.10**		0.040	0.0033	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Indeno[1,2,3-cd]pyrene	ND		0.080	0.0099	mg/Kg		08/06/20 07:38	08/13/20 12:49	4
Naphthalene	**0.022**	**J**	0.040	0.0031	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Phenanthrene	**2.3**		0.040	0.0033	mg/Kg		08/06/20 07:38	08/12/20 17:10	2
Pyrene	**0.086**		0.040	0.0030	mg/Kg		08/06/20 07:38	08/12/20 17:10	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*22 - 130*	*08/06/20 07:38*	*08/12/20 17:10*	*2*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*08/06/20 07:38*	*08/13/20 12:49*	*4*
Nitrobenzene-d5 (Surr)	*71*		*20 - 145*	*08/06/20 07:38*	*08/12/20 17:10*	*2*
Nitrobenzene-d5 (Surr)	*57*		*20 - 145*	*08/06/20 07:38*	*08/13/20 12:49*	*4*
p-Terphenyl-d14 (Surr)	*129*		*33 - 147*	*08/06/20 07:38*	*08/12/20 17:10*	*2*
p-Terphenyl-d14 (Surr)	*95*		*33 - 147*	*08/06/20 07:38*	*08/13/20 12:49*	*4*

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.015**	**J**	0.10	0.0072	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
2-Methylnaphthalene	**0.025**	**J**	0.10	0.0072	mg/Kg		08/06/20 07:38	08/12/20 17:29	5

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.12**		0.10	0.0050	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Acenaphthylene	ND		0.10	0.085	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Anthracene	**0.033**	**J**	0.10	0.0067	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Benzo[a]anthracene	**0.12**		0.10	0.011	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Benzo[a]pyrene	**0.026**	**J**	0.10	0.013	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Benzo[b]fluoranthene	**0.021**	**J**	0.10	0.014	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Benzo[g,h,i]perylene	ND		0.20	0.029	mg/Kg		08/06/20 07:38	08/13/20 13:09	10
Benzo[k]fluoranthene	ND		0.10	0.016	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Chrysene	**0.011**	**J**	0.10	0.0077	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Dibenz(a,h)anthracene	ND		0.20	0.021	mg/Kg		08/06/20 07:38	08/13/20 13:09	10
Fluoranthene	**0.043**	**J**	0.10	0.0096	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Fluorene	**0.22**		0.10	0.0083	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Indeno[1,2,3-cd]pyrene	ND		0.20	0.025	mg/Kg		08/06/20 07:38	08/13/20 13:09	10
Naphthalene	ND		0.10	0.0077	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Phenanthrene	**2.9**		0.10	0.0084	mg/Kg		08/06/20 07:38	08/12/20 17:29	5
Pyrene	**0.10**		0.10	0.0075	mg/Kg		08/06/20 07:38	08/12/20 17:29	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*75*		*22 - 130*	*08/06/20 07:38*	*08/12/20 17:29*	*5*
2-Fluorobiphenyl (Surr)	*66*		*22 - 130*	*08/06/20 07:38*	*08/13/20 13:09*	*10*
Nitrobenzene-d5 (Surr)	*84*		*20 - 145*	*08/06/20 07:38*	*08/12/20 17:29*	*5*
Nitrobenzene-d5 (Surr)	*23*		*20 - 145*	*08/06/20 07:38*	*08/13/20 13:09*	*10*
p-Terphenyl-d14 (Surr)	*134*		*33 - 147*	*08/06/20 07:38*	*08/12/20 17:29*	*5*
p-Terphenyl-d14 (Surr)	*98*		*33 - 147*	*08/06/20 07:38*	*08/13/20 13:09*	*10*

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.10	0.0072	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
2-Methylnaphthalene	**0.017**	**J**	0.10	0.0072	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Acenaphthene	ND		0.10	0.0050	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Acenaphthylene	ND		0.10	0.085	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Anthracene	**0.031**	**J**	0.10	0.0067	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Benzo[a]anthracene	**0.020**	**J**	0.10	0.011	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Benzo[a]pyrene	ND		0.10	0.013	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Benzo[b]fluoranthene	ND		0.10	0.014	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Benzo[g,h,i]perylene	ND		0.10	0.014	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Benzo[k]fluoranthene	ND		0.10	0.016	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Chrysene	**0.062**	**J**	0.10	0.0077	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Dibenz(a,h)anthracene	ND		0.10	0.011	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Fluoranthene	ND		0.10	0.0096	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Fluorene	ND		0.10	0.0083	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Indeno[1,2,3-cd]pyrene	ND		0.10	0.012	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Naphthalene	ND		0.10	0.0077	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Phenanthrene	**0.40**		0.10	0.0084	mg/Kg		08/06/20 07:38	08/12/20 17:49	5
Pyrene	**0.040**	**J**	0.10	0.0075	mg/Kg		08/06/20 07:38	08/12/20 17:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*22 - 130*	*08/06/20 07:38*	*08/12/20 17:49*	*5*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*34*		*20 - 145*	*08/06/20 07:38*	*08/12/20 17:49*	*5*
p-Terphenyl-d14 (Surr)	*113*		*33 - 147*	*08/06/20 07:38*	*08/12/20 17:49*	*5*

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.90**		0.099	0.0071	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
2-Methylnaphthalene	**1.3**		0.099	0.0071	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Acenaphthene	**0.022**	**J**	0.099	0.0050	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Acenaphthylene	**0.14**		0.099	0.084	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Anthracene	**0.17**		0.099	0.0066	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Benzo[a]anthracene	**0.056**	**J**	0.099	0.011	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Benzo[a]pyrene	**0.018**	**J**	0.099	0.013	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Benzo[b]fluoranthene	**0.015**	**J**	0.099	0.014	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Benzo[g,h,i]perylene	ND		0.099	0.014	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Benzo[k]fluoranthene	ND		0.099	0.016	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Chrysene	**0.17**		0.099	0.0077	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Dibenz(a,h)anthracene	ND		0.099	0.011	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Fluoranthene	**0.052**	**J**	0.099	0.0096	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Fluorene	**0.55**		0.099	0.0083	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Indeno[1,2,3-cd]pyrene	ND		0.099	0.012	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Naphthalene	**0.015**	**J**	0.099	0.0077	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Phenanthrene	**9.6**		0.099	0.0083	mg/Kg		08/06/20 07:38	08/12/20 18:08	5
Pyrene	**0.22**		0.099	0.0074	mg/Kg		08/06/20 07:38	08/12/20 18:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*22 - 130*	*08/06/20 07:38*	*08/12/20 18:08*	*5*
Nitrobenzene-d5 (Surr)	*60*		*20 - 145*	*08/06/20 07:38*	*08/12/20 18:08*	*5*
p-Terphenyl-d14 (Surr)	*115*		*33 - 147*	*08/06/20 07:38*	*08/12/20 18:08*	*5*

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**0.0058**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
2-Methylnaphthalene	**0.011**	**J**	0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Anthracene	**0.0096**	**J**	0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Benzo[a]anthracene	ND		0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Benzo[a]pyrene	ND		0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Benzo[b]fluoranthene	ND		0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Benzo[g,h,i]perylene	ND		0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Benzo[k]fluoranthene	ND		0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Chrysene	ND		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Dibenz(a,h)anthracene	ND		0.020	0.0021	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Fluoranthene	ND		0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Fluorene	ND		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0025	mg/Kg		08/06/20 07:38	08/12/20 18:28	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.0058	J	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Phenanthrene	0.12		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 18:28	1
Pyrene	0.012	J	0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*	*08/06/20 07:38*	*08/12/20 18:28*	*1*
Nitrobenzene-d5 (Surr)	*64*		*20 - 145*	*08/06/20 07:38*	*08/12/20 18:28*	*1*
p-Terphenyl-d14 (Surr)	*117*		*33 - 147*	*08/06/20 07:38*	*08/12/20 18:28*	*1*

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	25		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 13:28	50
2-Methylnaphthalene	47		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 13:28	50
Acenaphthene	0.39		0.20	0.010	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Acenaphthylene	0.76		0.20	0.17	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Anthracene	0.091	J	0.20	0.013	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Benzo[a]anthracene	0.15	J	0.20	0.022	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Benzo[a]pyrene	ND		0.20	0.027	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Benzo[b]fluoranthene	0.033	J	0.20	0.029	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Benzo[g,h,i]perylene	ND		0.20	0.029	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Benzo[k]fluoranthene	ND		0.20	0.032	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Chrysene	0.29		0.20	0.015	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Dibenz(a,h)anthracene	ND		0.20	0.021	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Fluoranthene	0.081	J	0.20	0.019	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Fluorene	12		0.20	0.017	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Indeno[1,2,3-cd]pyrene	ND		0.20	0.025	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Naphthalene	14		0.20	0.015	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Phenanthrene	16		0.20	0.017	mg/Kg		08/06/20 07:38	08/12/20 18:48	10
Pyrene	0.39		0.20	0.015	mg/Kg		08/06/20 07:38	08/12/20 18:48	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*22 - 130*	*08/06/20 07:38*	*08/12/20 18:48*	*10*
2-Fluorobiphenyl (Surr)	*71*		*22 - 130*	*08/06/20 07:38*	*08/13/20 13:28*	*50*
Nitrobenzene-d5 (Surr)	*70*		*20 - 145*	*08/06/20 07:38*	*08/12/20 18:48*	*10*
Nitrobenzene-d5 (Surr)	*46*		*20 - 145*	*08/06/20 07:38*	*08/13/20 13:28*	*50*
p-Terphenyl-d14 (Surr)	*137*		*33 - 147*	*08/06/20 07:38*	*08/12/20 18:48*	*10*
p-Terphenyl-d14 (Surr)	*89*		*33 - 147*	*08/06/20 07:38*	*08/13/20 13:28*	*50*

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	28		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
2-Methylnaphthalene	53		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Acenaphthene	0.50	J	1.0	0.051	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Acenaphthylene	1.0		1.0	0.85	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Anthracene	0.18	J	1.0	0.067	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Benzo[a]anthracene	0.28	J	1.0	0.11	mg/Kg		08/06/20 07:38	08/13/20 13:48	50

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		1.0	0.14	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Benzo[b]fluoranthene	ND		1.0	0.15	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Benzo[g,h,i]perylene	ND		1.0	0.15	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Benzo[k]fluoranthene	ND		1.0	0.16	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Chrysene	**0.34**	**J**	1.0	0.078	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Dibenz(a,h)anthracene	ND		1.0	0.11	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Fluoranthene	**0.14**	**J**	1.0	0.097	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Fluorene	**14**		1.0	0.084	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Indeno[1,2,3-cd]pyrene	ND		1.0	0.12	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Naphthalene	**14**		1.0	0.078	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Phenanthrene	**19**		1.0	0.084	mg/Kg		08/06/20 07:38	08/13/20 13:48	50
Pyrene	**0.41**	**J**	1.0	0.075	mg/Kg		08/06/20 07:38	08/13/20 13:48	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*22 - 130*	*08/06/20 07:38*	*08/13/20 13:48*	*50*
Nitrobenzene-d5 (Surr)	*59*		*20 - 145*	*08/06/20 07:38*	*08/13/20 13:48*	*50*
p-Terphenyl-d14 (Surr)	*67*		*33 - 147*	*08/06/20 07:38*	*08/13/20 13:48*	*50*

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	**30**		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 14:08	50
2-Methylnaphthalene	**52**		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 14:08	50
Acenaphthene	**0.65**		0.20	0.010	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Acenaphthylene	**0.95**		0.20	0.17	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Anthracene	**0.19**	**J**	0.20	0.013	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Benzo[a]anthracene	**0.20**		0.20	0.022	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Benzo[a]pyrene	**0.12**	**J**	0.20	0.027	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Benzo[b]fluoranthene	**0.052**	**J**	0.20	0.029	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Benzo[g,h,i]perylene	ND		1.0	0.15	mg/Kg		08/06/20 07:38	08/13/20 14:08	50
Benzo[k]fluoranthene	ND		0.20	0.032	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Chrysene	**0.50**		0.20	0.015	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Dibenz(a,h)anthracene	ND		1.0	0.11	mg/Kg		08/06/20 07:38	08/13/20 14:08	50
Fluoranthene	**0.13**	**J**	0.20	0.019	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Fluorene	**16**		0.20	0.017	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Indeno[1,2,3-cd]pyrene	ND		1.0	0.12	mg/Kg		08/06/20 07:38	08/13/20 14:08	50
Naphthalene	**17**		0.20	0.015	mg/Kg		08/06/20 07:38	08/12/20 19:27	10
Phenanthrene	**19**		1.0	0.084	mg/Kg		08/06/20 07:38	08/13/20 14:08	50
Pyrene	**0.59**		0.20	0.015	mg/Kg		08/06/20 07:38	08/12/20 19:27	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*91*		*22 - 130*	*08/06/20 07:38*	*08/12/20 19:27*	*10*
2-Fluorobiphenyl (Surr)	*73*		*22 - 130*	*08/06/20 07:38*	*08/13/20 14:08*	*50*
Nitrobenzene-d5 (Surr)	*45*		*20 - 145*	*08/06/20 07:38*	*08/12/20 19:27*	*10*
Nitrobenzene-d5 (Surr)	*96*		*20 - 145*	*08/06/20 07:38*	*08/13/20 14:08*	*50*
p-Terphenyl-d14 (Surr)	*130*		*33 - 147*	*08/06/20 07:38*	*08/12/20 19:27*	*10*
p-Terphenyl-d14 (Surr)	*83*		*33 - 147*	*08/06/20 07:38*	*08/13/20 14:08*	*50*

Method: 8270C SIM - PAHs (GC/MS SIM)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	35		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
2-Methylnaphthalene	77		1.0	0.072	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Acenaphthene	3.2		0.10	0.0051	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Acenaphthylene	0.70		0.10	0.086	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Anthracene	0.090	J	0.10	0.0067	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Benzo[a]anthracene	0.19		0.10	0.011	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Benzo[a]pyrene	0.034	J	0.10	0.014	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Benzo[b]fluoranthene	0.024	J	0.10	0.015	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Benzo[g,h,i]perylene	ND		1.0	0.15	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Benzo[k]fluoranthene	0.021	J	0.10	0.016	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Chrysene	0.41		0.10	0.0078	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Dibenz(a,h)anthracene	ND		1.0	0.11	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Fluoranthene	0.075	J	0.10	0.0097	mg/Kg		08/06/20 07:38	08/12/20 19:46	5
Fluorene	19		1.0	0.084	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Indeno[1,2,3-cd]pyrene	ND		1.0	0.13	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Naphthalene	30		1.0	0.078	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Phenanthrene	24		1.0	0.085	mg/Kg		08/06/20 07:38	08/13/20 14:27	50
Pyrene	0.53		0.10	0.0075	mg/Kg		08/06/20 07:38	08/12/20 19:46	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*57*		*22 - 130*	*08/06/20 07:38*	*08/12/20 19:46*	*5*
2-Fluorobiphenyl (Surr)	*62*		*22 - 130*	*08/06/20 07:38*	*08/13/20 14:27*	*50*
Nitrobenzene-d5 (Surr)	*130*		*20 - 145*	*08/06/20 07:38*	*08/12/20 19:46*	*5*
Nitrobenzene-d5 (Surr)	*52*		*20 - 145*	*08/06/20 07:38*	*08/13/20 14:27*	*50*
p-Terphenyl-d14 (Surr)	*147*		*33 - 147*	*08/06/20 07:38*	*08/12/20 19:46*	*5*
p-Terphenyl-d14 (Surr)	*73*		*33 - 147*	*08/06/20 07:38*	*08/13/20 14:27*	*50*

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	7.4		0.49	0.036	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
2-Methylnaphthalene	14		0.49	0.036	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Acenaphthene	0.056		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Acenaphthylene	0.24		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Anthracene	0.047		0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Benzo[a]anthracene	0.054		0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Benzo[a]pyrene	0.013	J	0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Benzo[b]fluoranthene	0.0067	J	0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Benzo[g,h,i]perylene	ND		0.49	0.072	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Benzo[k]fluoranthene	0.0051	J	0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Chrysene	0.11		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Dibenz(a,h)anthracene	ND		0.49	0.052	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Fluoranthene	0.015	J	0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 20:06	1
Fluorene	2.2		0.49	0.041	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Indeno[1,2,3-cd]pyrene	ND		0.49	0.062	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Naphthalene	7.6		0.49	0.038	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Phenanthrene	3.1		0.49	0.042	mg/Kg		08/06/20 07:38	08/13/20 16:37	25
Pyrene	0.15		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 20:06	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	49		22 - 130	08/06/20 07:38	08/12/20 20:06	1
2-Fluorobiphenyl (Surr)	31		22 - 130	08/06/20 07:38	08/13/20 16:37	25
Nitrobenzene-d5 (Surr)	112		20 - 145	08/06/20 07:38	08/12/20 20:06	1
Nitrobenzene-d5 (Surr)	49		20 - 145	08/06/20 07:38	08/13/20 16:37	25
p-Terphenyl-d14 (Surr)	122		33 - 147	08/06/20 07:38	08/12/20 20:06	1
p-Terphenyl-d14 (Surr)	34		33 - 147	08/06/20 07:38	08/13/20 16:37	25

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	47		2.0	0.15	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
2-Methylnaphthalene	96		2.0	0.15	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Acenaphthene	0.47		0.10	0.0051	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Acenaphthylene	0.70		0.10	0.086	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Anthracene	0.16		0.10	0.0067	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Benzo[a]anthracene	0.15		0.10	0.011	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Benzo[a]pyrene	0.048	J	0.10	0.014	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Benzo[b]fluoranthene	ND		0.10	0.015	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Benzo[g,h,i]perylene	ND		2.0	0.29	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Benzo[k]fluoranthene	0.016	J	0.10	0.016	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Chrysene	0.29		0.10	0.0078	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Dibenz(a,h)anthracene	ND		2.0	0.21	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Fluoranthene	0.064	J	0.10	0.0097	mg/Kg		08/06/20 07:38	08/12/20 20:26	5
Fluorene	14		2.0	0.17	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Indeno[1,2,3-cd]pyrene	ND		2.0	0.25	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Naphthalene	54		2.0	0.16	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Phenanthrene	17		2.0	0.17	mg/Kg		08/06/20 07:38	08/13/20 15:07	100
Pyrene	0.47		0.10	0.0076	mg/Kg		08/06/20 07:38	08/12/20 20:26	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	65		22 - 130	08/06/20 07:38	08/12/20 20:26	5
2-Fluorobiphenyl (Surr)	73		22 - 130	08/06/20 07:38	08/13/20 15:07	100
Nitrobenzene-d5 (Surr)	149	X	20 - 145	08/06/20 07:38	08/12/20 20:26	5
Nitrobenzene-d5 (Surr)	91		20 - 145	08/06/20 07:38	08/13/20 15:07	100
p-Terphenyl-d14 (Surr)	150	X	33 - 147	08/06/20 07:38	08/12/20 20:26	5
p-Terphenyl-d14 (Surr)	68		33 - 147	08/06/20 07:38	08/13/20 15:07	100

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	230		41	3.0	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
2-Methylnaphthalene	370		41	3.0	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Acenaphthene	7.2	J	41	2.1	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Acenaphthylene	ND		41	35	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Anthracene	5.0	J	41	2.8	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Benzo[a]anthracene	13	J	41	4.6	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Benzo[a]pyrene	ND		41	5.6	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Benzo[b]fluoranthene	ND		41	6.0	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Benzo[g,h,i]perylene	ND		41	6.0	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Benzo[k]fluoranthene	ND		41	6.7	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Chrysene	15	J	41	3.2	mg/Kg		08/14/20 14:35	08/17/20 14:11	50

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		41	4.4	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Fluoranthene	**4.1**	**J**	41	4.0	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Fluorene	**260**		41	3.5	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Indeno[1,2,3-cd]pyrene	ND		41	5.1	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Naphthalene	**91**	**B**	41	3.2	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Phenanthrene	**380**		41	3.5	mg/Kg		08/14/20 14:35	08/17/20 14:11	50
Pyrene	**12**	**J**	41	3.1	mg/Kg		08/14/20 14:35	08/17/20 14:11	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*50*		*22 - 130*	*08/14/20 14:35*	*08/17/20 14:11*	*50*
Nitrobenzene-d5 (Surr)	*55*		*20 - 145*	*08/14/20 14:35*	*08/17/20 14:11*	*50*
p-Terphenyl-d14 (Surr)	*65*		*33 - 147*	*08/14/20 14:35*	*08/17/20 14:11*	*50*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
1,2-Dichlorobenzene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 18:26	1
1,2-Diphenylhydrazine	ND		9.4	0.80	ug/L		08/06/20 16:24	08/18/20 15:29	1
1,3-Dichlorobenzene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 18:26	1
1,4-Dichlorobenzene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
1-Methylnaphthalene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,4,5-Trichlorophenol	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,4,6-Trichlorophenol	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,4-Dichlorophenol	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,4-Dimethylphenol	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,4-Dinitrophenol	ND		47	13	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,4-Dinitrotoluene	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,6-Dichlorophenol	ND		9.4	1.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
2,6-Dinitrotoluene	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 18:26	1
2-Chloronaphthalene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
2-Chlorophenol	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 18:26	1
2-Methylnaphthalene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
2-Methylphenol	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
2-Nitroaniline	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 18:26	1
2-Nitrophenol	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
3,3'-Dichlorobenzidine	ND		24	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
3 & 4 Methylphenol	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 18:26	1
3-Nitroaniline	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 18:26	1
4,6-Dinitro-2-methylphenol	ND		47	13	ug/L		08/06/20 16:24	08/07/20 18:26	1
4-Bromophenyl phenyl ether	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
4-Chloro-3-methylphenol	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 18:26	1
4-Chloroaniline	ND		9.4	1.9	ug/L		08/06/20 16:24	08/07/20 18:26	1
4-Chlorophenyl phenyl ether	ND		9.4	2.5	ug/L		08/06/20 16:24	08/07/20 18:26	1
4-Nitroaniline	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
4-Nitrophenol	ND		9.4	1.5	ug/L		08/06/20 16:24	08/07/20 18:26	1
Acenaphthene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
Acenaphthylene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
Aniline	ND		9.4	1.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Anthracene	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 18:26	1
Azobenzene	ND		9.4	2.5	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzidine	ND		47	6.1	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzo[a]anthracene	ND		9.4	4.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzo[a]pyrene	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzo[b]fluoranthene	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzo[g,h,i]perylene	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzo[k]fluoranthene	ND		9.4	3.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzoic acid	ND		47	11	ug/L		08/06/20 16:24	08/07/20 18:26	1
Benzyl alcohol	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 18:26	1
Bis(2-chloroethoxy)methane	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Bis(2-chloroethyl)ether	ND		24	2.3	ug/L		08/06/20 16:24	08/07/20 18:26	1
bis (2-Chloroisopropyl) ether	ND		9.4	3.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
Bis(2-ethylhexyl) phthalate	ND		9.4	3.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
Butyl benzyl phthalate	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 18:26	1
Chrysene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Dibenzofuran	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
Diethyl phthalate	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
Dimethyl phthalate	ND		9.4	2.5	ug/L		08/06/20 16:24	08/07/20 18:26	1
Di-n-butyl phthalate	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
Di-n-octyl phthalate	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 18:26	1
Fluoranthene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 18:26	1
Fluorene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
Hexachloro-1,3-butadiene	ND	*	9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
Hexachlorobenzene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 18:26	1
Hexachlorocyclopentadiene	ND	*	24	6.5	ug/L		08/06/20 16:24	08/07/20 18:26	1
Hexachloroethane	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 18:26	1
Indeno[1,2,3-cd]pyrene	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
Isophorone	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Naphthalene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 18:26	1
Nitrobenzene	ND		24	2.8	ug/L		08/06/20 16:24	08/07/20 18:26	1
N-Nitrosodiethylamine	ND		9.4	0.95	ug/L		08/06/20 16:24	08/18/20 15:29	1
N-Nitrosodimethylamine	ND	*1	9.4	3.0	ug/L		08/06/20 16:24	08/07/20 18:26	1
N-Nitrosodi-n-propylamine	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 18:26	1
N-Nitrosodiphenylamine	ND	*	9.4	2.6	ug/L		08/06/20 16:24	08/07/20 18:26	1
Pentachlorophenol	ND		9.4	4.4	ug/L		08/06/20 16:24	08/07/20 18:26	1
Phenanthrene	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 18:26	1
Phenol	ND		9.4	1.9	ug/L		08/06/20 16:24	08/07/20 18:26	1
Pyrene	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 18:26	1
Pyridine	ND	*1	9.4	2.8	ug/L		08/06/20 16:24	08/07/20 18:26	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*16*	*T J*	*ug/L*		*4.31*		*08/06/20 16:24*	*08/18/20 15:29*	*1*
Unknown	*15*	*T J*	*ug/L*		*4.45*		*08/06/20 16:24*	*08/07/20 18:26*	*1*
Unknown	*22*	*T J*	*ug/L*		*4.81*		*08/06/20 16:24*	*08/18/20 15:29*	*1*
2,5,8,11-Tetraoxadodecane	*7.8*	*T J N*	*ug/L*		*4.84*	*112-49-2*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
Unknown	*20*	*T J*	*ug/L*		*4.96*		*08/06/20 16:24*	*08/07/20 18:26*	*1*
Unknown	*16*	*T J*	*ug/L*		*5.01*		*08/06/20 16:24*	*08/18/20 15:29*	*1*
Unknown	*16*	*T J*	*ug/L*		*5.15*		*08/06/20 16:24*	*08/07/20 18:26*	*1*
Unknown	*15*	*T J*	*ug/L*		*5.96*		*08/06/20 16:24*	*08/18/20 15:29*	*1*
Unknown	*17*	*T J*	*ug/L*		*6.11*		*08/06/20 16:24*	*08/07/20 18:26*	*1*
2,5,8,11,14-Pentaoxapentadecane	*13*	*T J N*	*ug/L*		*6.39*	*143-24-8*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
Unknown	*7.6*	*T J*	*ug/L*		*11.55*		*08/06/20 16:24*	*08/07/20 18:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*32 - 143*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
2,4,6-Tribromophenol (Surr)	*87*		*32 - 143*	*08/06/20 16:24*	*08/18/20 15:29*	*1*
2-Fluorobiphenyl (Surr)	*77*		*45 - 120*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
2-Fluorobiphenyl (Surr)	*68*		*45 - 120*	*08/06/20 16:24*	*08/18/20 15:29*	*1*
2-Fluorophenol (Surr)	*47*		*15 - 138*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
2-Fluorophenol (Surr)	*56*		*15 - 138*	*08/06/20 16:24*	*08/18/20 15:29*	*1*
Nitrobenzene-d5 (Surr)	*69*		*56 - 123*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
Nitrobenzene-d5 (Surr)	*73*		*56 - 123*	*08/06/20 16:24*	*08/18/20 15:29*	*1*
Phenol-d6 (Surr)	*31*		*17 - 141*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
Phenol-d6 (Surr)	*38*		*17 - 141*	*08/06/20 16:24*	*08/18/20 15:29*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*99*		*46 - 133*	*08/06/20 16:24*	*08/07/20 18:26*	*1*
p-Terphenyl-d14 (Surr)	*85*		*46 - 133*	*08/06/20 16:24*	*08/18/20 15:29*	*1*

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
1,2-Dichlorobenzene	ND		9.3	2.8	ug/L		08/06/20 16:24	08/07/20 18:44	1
1,2-Diphenylhydrazine	ND		9.3	0.79	ug/L		08/06/20 16:24	08/18/20 15:48	1
1,3-Dichlorobenzene	ND		9.3	2.9	ug/L		08/06/20 16:24	08/07/20 18:44	1
1,4-Dichlorobenzene	ND		9.3	2.7	ug/L		08/06/20 16:24	08/07/20 18:44	1
1-Methylnaphthalene	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,4,5-Trichlorophenol	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,4,6-Trichlorophenol	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,4-Dichlorophenol	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,4-Dimethylphenol	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,4-Dinitrophenol	ND		47	13	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,4-Dinitrotoluene	ND		9.3	2.2	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,6-Dichlorophenol	ND		9.3	1.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
2,6-Dinitrotoluene	ND		9.3	2.2	ug/L		08/06/20 16:24	08/07/20 18:44	1
2-Chloronaphthalene	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
2-Chlorophenol	ND		9.3	2.2	ug/L		08/06/20 16:24	08/07/20 18:44	1
2-Methylnaphthalene	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
2-Methylphenol	ND		9.3	2.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
2-Nitroaniline	ND		9.3	2.1	ug/L		08/06/20 16:24	08/07/20 18:44	1
2-Nitrophenol	ND		9.3	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
3,3'-Dichlorobenzidine	ND		23	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
3 & 4 Methylphenol	ND		9.3	2.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
3-Nitroaniline	ND		9.3	2.1	ug/L		08/06/20 16:24	08/07/20 18:44	1
4,6-Dinitro-2-methylphenol	ND		47	13	ug/L		08/06/20 16:24	08/07/20 18:44	1
4-Bromophenyl phenyl ether	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
4-Chloro-3-methylphenol	ND		9.3	2.2	ug/L		08/06/20 16:24	08/07/20 18:44	1
4-Chloroaniline	ND		9.3	1.8	ug/L		08/06/20 16:24	08/07/20 18:44	1
4-Chlorophenyl phenyl ether	ND		9.3	2.5	ug/L		08/06/20 16:24	08/07/20 18:44	1
4-Nitroaniline	ND		9.3	2.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
4-Nitrophenol	ND		9.3	1.5	ug/L		08/06/20 16:24	08/07/20 18:44	1
Acenaphthene	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
Acenaphthylene	ND		9.3	2.7	ug/L		08/06/20 16:24	08/07/20 18:44	1
Aniline	ND		9.3	1.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Anthracene	ND		9.3	2.8	ug/L		08/06/20 16:24	08/07/20 18:44	1
Azobenzene	ND		9.3	2.5	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzidine	ND		47	6.1	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzo[a]anthracene	ND		9.3	4.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzo[a]pyrene	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzo[b]fluoranthene	ND		9.3	2.1	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzo[g,h,i]perylene	ND		9.3	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzo[k]fluoranthene	ND		9.3	3.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
Benzoic acid	ND		47	11	ug/L		08/06/20 16:24	08/07/20 18:44	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	ND		9.3	2.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
Bis(2-chloroethoxy)methane	ND		9.3	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Bis(2-chloroethyl)ether	ND		23	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
bis (2-Chloroisopropyl) ether	ND		9.3	3.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
Bis(2-ethylhexyl) phthalate	**3.2**	**J**	9.3	2.9	ug/L		08/06/20 16:24	08/07/20 18:44	1
Butyl benzyl phthalate	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
Chrysene	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
Dibenz(a,h)anthracene	ND		9.3	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Dibenzofuran	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
Diethyl phthalate	ND		9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
Dimethyl phthalate	ND		9.3	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Di-n-butyl phthalate	ND		9.3	2.7	ug/L		08/06/20 16:24	08/07/20 18:44	1
Di-n-octyl phthalate	ND		9.3	2.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
Fluoranthene	ND		9.3	2.9	ug/L		08/06/20 16:24	08/07/20 18:44	1
Fluorene	ND		9.3	2.5	ug/L		08/06/20 16:24	08/07/20 18:44	1
Hexachloro-1,3-butadiene	ND	*	9.3	2.7	ug/L		08/06/20 16:24	08/07/20 18:44	1
Hexachlorobenzene	ND		9.3	2.9	ug/L		08/06/20 16:24	08/07/20 18:44	1
Hexachlorocyclopentadiene	ND	*	23	6.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Hexachloroethane	ND		9.3	2.8	ug/L		08/06/20 16:24	08/07/20 18:44	1
Indeno[1,2,3-cd]pyrene	ND		9.3	2.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
Isophorone	ND		9.3	2.4	ug/L		08/06/20 16:24	08/07/20 18:44	1
Naphthalene	ND		9.3	2.7	ug/L		08/06/20 16:24	08/07/20 18:44	1
Nitrobenzene	ND		23	2.8	ug/L		08/06/20 16:24	08/07/20 18:44	1
N-Nitrosodiethylamine	ND		9.3	0.93	ug/L		08/06/20 16:24	08/18/20 15:48	1
N-Nitrosodimethylamine	ND	*1	9.3	3.0	ug/L		08/06/20 16:24	08/07/20 18:44	1
N-Nitrosodi-n-propylamine	ND		9.3	2.2	ug/L		08/06/20 16:24	08/07/20 18:44	1
N-Nitrosodiphenylamine	ND	*	9.3	2.6	ug/L		08/06/20 16:24	08/07/20 18:44	1
Pentachlorophenol	ND		9.3	4.3	ug/L		08/06/20 16:24	08/07/20 18:44	1
Phenanthrene	ND		9.3	2.7	ug/L		08/06/20 16:24	08/07/20 18:44	1
Phenol	ND		9.3	1.9	ug/L		08/06/20 16:24	08/07/20 18:44	1
Pyrene	ND		9.3	2.8	ug/L		08/06/20 16:24	08/07/20 18:44	1
Pyridine	ND	*1	9.3	2.8	ug/L		08/06/20 16:24	08/07/20 18:44	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*14*	*T J*	*ug/L*		*4.30*		*08/06/20 16:24*	*08/18/20 15:48*	*1*
Unknown	*19*	*T J*	*ug/L*		*4.81*		*08/06/20 16:24*	*08/18/20 15:48*	*1*
Unknown	*14*	*T J*	*ug/L*		*5.01*		*08/06/20 16:24*	*08/18/20 15:48*	*1*
Unknown	*13*	*T J*	*ug/L*		*5.96*		*08/06/20 16:24*	*08/18/20 15:48*	*1*
Tentatively Identified Compound	*None*		*ug/L*				*08/06/20 16:24*	*08/07/20 18:44*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*109*		*32 - 143*	*08/06/20 16:24*	*08/07/20 18:44*	*1*
2,4,6-Tribromophenol (Surr)	*77*		*32 - 143*	*08/06/20 16:24*	*08/18/20 15:48*	*1*
2-Fluorobiphenyl (Surr)	*94*		*45 - 120*	*08/06/20 16:24*	*08/07/20 18:44*	*1*
2-Fluorobiphenyl (Surr)	*67*		*45 - 120*	*08/06/20 16:24*	*08/18/20 15:48*	*1*
2-Fluorophenol (Surr)	*43*		*15 - 138*	*08/06/20 16:24*	*08/07/20 18:44*	*1*
2-Fluorophenol (Surr)	*51*		*15 - 138*	*08/06/20 16:24*	*08/18/20 15:48*	*1*
Nitrobenzene-d5 (Surr)	*70*		*56 - 123*	*08/06/20 16:24*	*08/07/20 18:44*	*1*
Nitrobenzene-d5 (Surr)	*69*		*56 - 123*	*08/06/20 16:24*	*08/18/20 15:48*	*1*
Phenol-d6 (Surr)	*27*		*17 - 141*	*08/06/20 16:24*	*08/07/20 18:44*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d6 (Surr)	*32*		*17 - 141*	*08/06/20 16:24*	*08/18/20 15:48*	*1*
p-Terphenyl-d14 (Surr)	*96*		*46 - 133*	*08/06/20 16:24*	*08/07/20 18:44*	*1*
p-Terphenyl-d14 (Surr)	*71*		*46 - 133*	*08/06/20 16:24*	*08/18/20 15:48*	*1*

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
1,2-Dichlorobenzene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 15:59	1
1,2-Diphenylhydrazine	ND		9.4	0.80	ug/L		08/06/20 16:24	08/18/20 16:07	1
1,3-Dichlorobenzene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 15:59	1
1,4-Dichlorobenzene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
1-Methylnaphthalene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,4,5-Trichlorophenol	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,4,6-Trichlorophenol	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,4-Dichlorophenol	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,4-Dimethylphenol	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,4-Dinitrophenol	ND		47	13	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,4-Dinitrotoluene	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,6-Dichlorophenol	ND		9.4	1.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
2,6-Dinitrotoluene	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 15:59	1
2-Chloronaphthalene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
2-Chlorophenol	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 15:59	1
2-Methylnaphthalene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
2-Methylphenol	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
2-Nitroaniline	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 15:59	1
2-Nitrophenol	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
3,3'-Dichlorobenzidine	ND		23	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
3 & 4 Methylphenol	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
3-Nitroaniline	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 15:59	1
4,6-Dinitro-2-methylphenol	ND		47	13	ug/L		08/06/20 16:24	08/07/20 15:59	1
4-Bromophenyl phenyl ether	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
4-Chloro-3-methylphenol	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 15:59	1
4-Chloroaniline	ND		9.4	1.9	ug/L		08/06/20 16:24	08/07/20 15:59	1
4-Chlorophenyl phenyl ether	ND		9.4	2.5	ug/L		08/06/20 16:24	08/07/20 15:59	1
4-Nitroaniline	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
4-Nitrophenol	ND		9.4	1.5	ug/L		08/06/20 16:24	08/07/20 15:59	1
Acenaphthene	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
Acenaphthylene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
Aniline	ND		9.4	1.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Anthracene	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 15:59	1
Azobenzene	ND		9.4	2.5	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzidine	ND		47	6.1	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzo[a]anthracene	ND		9.4	4.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzo[a]pyrene	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzo[b]fluoranthene	ND		9.4	2.1	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzo[g,h,i]perylene	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzo[k]fluoranthene	ND		9.4	3.0	ug/L		08/06/20 16:24	08/07/20 15:59	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzoic acid	**13**	**J**	47	11	ug/L		08/06/20 16:24	08/07/20 15:59	1
Benzyl alcohol	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
Bis(2-chloroethoxy)methane	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Bis(2-chloroethyl)ether	ND		23	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
bis (2-Chloroisopropyl) ether	ND		9.4	3.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
Bis(2-ethylhexyl) phthalate	ND		9.4	3.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
Butyl benzyl phthalate	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
Chrysene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
Dibenz(a,h)anthracene	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Dibenzofuran	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
Diethyl phthalate	ND		9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
Dimethyl phthalate	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Di-n-butyl phthalate	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
Di-n-octyl phthalate	ND		9.4	2.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
Fluoranthene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 15:59	1
Fluorene	ND		9.4	2.5	ug/L		08/06/20 16:24	08/07/20 15:59	1
Hexachloro-1,3-butadiene	ND	*	9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
Hexachlorobenzene	ND		9.4	2.9	ug/L		08/06/20 16:24	08/07/20 15:59	1
Hexachlorocyclopentadiene	ND	*	23	6.5	ug/L		08/06/20 16:24	08/07/20 15:59	1
Hexachloroethane	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 15:59	1
Indeno[1,2,3-cd]pyrene	ND		9.4	2.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
Isophorone	ND		9.4	2.4	ug/L		08/06/20 16:24	08/07/20 15:59	1
Naphthalene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
Nitrobenzene	ND		23	2.8	ug/L		08/06/20 16:24	08/07/20 15:59	1
N-Nitrosodiethylamine	ND		9.4	0.94	ug/L		08/06/20 16:24	08/18/20 16:07	1
N-Nitrosodimethylamine	ND	*1	9.4	3.0	ug/L		08/06/20 16:24	08/07/20 15:59	1
N-Nitrosodi-n-propylamine	ND		9.4	2.2	ug/L		08/06/20 16:24	08/07/20 15:59	1
N-Nitrosodiphenylamine	ND	*	9.4	2.6	ug/L		08/06/20 16:24	08/07/20 15:59	1
Pentachlorophenol	ND		9.4	4.3	ug/L		08/06/20 16:24	08/07/20 15:59	1
Phenanthrene	ND		9.4	2.7	ug/L		08/06/20 16:24	08/07/20 15:59	1
Phenol	ND		9.4	1.9	ug/L		08/06/20 16:24	08/07/20 15:59	1
Pyrene	ND		9.4	2.8	ug/L		08/06/20 16:24	08/07/20 15:59	1
Pyridine	ND	*1	9.4	2.8	ug/L		08/06/20 16:24	08/07/20 15:59	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*13*	*T J*	*ug/L*		*4.31*		*08/06/20 16:24*	*08/18/20 16:07*	*1*
Unknown	*15*	*T J*	*ug/L*		*4.45*		*08/06/20 16:24*	*08/07/20 15:59*	*1*
Unknown	*18*	*T J*	*ug/L*		*4.82*		*08/06/20 16:24*	*08/18/20 16:07*	*1*
2,5,8,11-Tetraoxadodecane	*7.9*	*T J N*	*ug/L*		*4.84*	*112-49-2*	*08/06/20 16:24*	*08/07/20 15:59*	*1*
Unknown	*20*	*T J*	*ug/L*		*4.96*		*08/06/20 16:24*	*08/07/20 15:59*	*1*
Unknown	*14*	*T J*	*ug/L*		*5.01*		*08/06/20 16:24*	*08/18/20 16:07*	*1*
Unknown	*16*	*T J*	*ug/L*		*5.15*		*08/06/20 16:24*	*08/07/20 15:59*	*1*
Unknown	*14*	*T J*	*ug/L*		*5.96*		*08/06/20 16:24*	*08/18/20 16:07*	*1*
Unknown	*18*	*T J*	*ug/L*		*6.11*		*08/06/20 16:24*	*08/07/20 15:59*	*1*
2,5,8,11,14-Pentaoxapentadecane	*12*	*T J N*	*ug/L*		*6.38*	*143-24-8*	*08/06/20 16:24*	*08/07/20 15:59*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*32 - 143*	*08/06/20 16:24*	*08/07/20 15:59*	*1*
2,4,6-Tribromophenol (Surr)	*78*		*32 - 143*	*08/06/20 16:24*	*08/18/20 16:07*	*1*
2-Fluorobiphenyl (Surr)	*78*		*45 - 120*	*08/06/20 16:24*	*08/07/20 15:59*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*60*		*45 - 120*	*08/06/20 16:24*	*08/18/20 16:07*	*1*
2-Fluorophenol (Surr)	*44*		*15 - 138*	*08/06/20 16:24*	*08/07/20 15:59*	*1*
2-Fluorophenol (Surr)	*47*		*15 - 138*	*08/06/20 16:24*	*08/18/20 16:07*	*1*
Nitrobenzene-d5 (Surr)	*67*		*56 - 123*	*08/06/20 16:24*	*08/07/20 15:59*	*1*
Nitrobenzene-d5 (Surr)	*61*		*56 - 123*	*08/06/20 16:24*	*08/18/20 16:07*	*1*
Phenol-d6 (Surr)	*28*		*17 - 141*	*08/06/20 16:24*	*08/07/20 15:59*	*1*
Phenol-d6 (Surr)	*30*		*17 - 141*	*08/06/20 16:24*	*08/18/20 16:07*	*1*
p-Terphenyl-d14 (Surr)	*94*		*46 - 133*	*08/06/20 16:24*	*08/07/20 15:59*	*1*
p-Terphenyl-d14 (Surr)	*75*		*46 - 133*	*08/06/20 16:24*	*08/18/20 16:07*	*1*

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
1,2-Dichlorobenzene	ND		9.8	3.0	ug/L		08/06/20 16:24	08/07/20 16:17	1
1,2-Diphenylhydrazine	ND		9.8	0.83	ug/L		08/06/20 16:24	08/18/20 16:26	1
1,3-Dichlorobenzene	ND		9.8	3.0	ug/L		08/06/20 16:24	08/07/20 16:17	1
1,4-Dichlorobenzene	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
1-Methylnaphthalene	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,4,5-Trichlorophenol	ND		9.8	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,4,6-Trichlorophenol	ND		9.8	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,4-Dichlorophenol	ND		9.8	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,4-Dimethylphenol	ND		9.8	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,4-Dinitrophenol	ND		49	13	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,4-Dinitrotoluene	ND		9.8	2.3	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,6-Dichlorophenol	ND		9.8	1.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
2,6-Dinitrotoluene	ND		9.8	2.3	ug/L		08/06/20 16:24	08/07/20 16:17	1
2-Chloronaphthalene	ND		9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
2-Chlorophenol	ND		9.8	2.3	ug/L		08/06/20 16:24	08/07/20 16:17	1
2-Methylnaphthalene	ND		9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
2-Methylphenol	ND		9.8	2.0	ug/L		08/06/20 16:24	08/07/20 16:17	1
2-Nitroaniline	ND		9.8	2.2	ug/L		08/06/20 16:24	08/07/20 16:17	1
2-Nitrophenol	ND		9.8	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
3,3'-Dichlorobenzidine	ND		24	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
3 & 4 Methylphenol	ND		9.8	2.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
3-Nitroaniline	ND		9.8	2.2	ug/L		08/06/20 16:24	08/07/20 16:17	1
4,6-Dinitro-2-methylphenol	ND		49	14	ug/L		08/06/20 16:24	08/07/20 16:17	1
4-Bromophenyl phenyl ether	ND		9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
4-Chloro-3-methylphenol	ND		9.8	2.3	ug/L		08/06/20 16:24	08/07/20 16:17	1
4-Chloroaniline	ND		9.8	1.9	ug/L		08/06/20 16:24	08/07/20 16:17	1
4-Chlorophenyl phenyl ether	ND		9.8	2.6	ug/L		08/06/20 16:24	08/07/20 16:17	1
4-Nitroaniline	ND		9.8	2.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
4-Nitrophenol	ND		9.8	1.6	ug/L		08/06/20 16:24	08/07/20 16:17	1
Acenaphthene	ND		9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
Acenaphthylene	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Aniline	ND		9.8	1.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
Anthracene	ND		9.8	2.9	ug/L		08/06/20 16:24	08/07/20 16:17	1
Azobenzene	ND		9.8	2.6	ug/L		08/06/20 16:24	08/07/20 16:17	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzidine	ND		49	6.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzo[a]anthracene	ND		9.8	4.6	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzo[a]pyrene	ND		9.8	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzo[b]fluoranthene	ND		9.8	2.2	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzo[g,h,i]perylene	ND		9.8	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzo[k]fluoranthene	ND		9.8	3.2	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzoic acid	ND		49	12	ug/L		08/06/20 16:24	08/07/20 16:17	1
Benzyl alcohol	ND		9.8	2.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
Bis(2-chloroethoxy)methane	ND		9.8	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
Bis(2-chloroethyl)ether	ND		24	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
bis (2-Chloroisopropyl) ether	ND		9.8	3.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
Bis(2-ethylhexyl) phthalate	ND		9.8	3.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
Butyl benzyl phthalate	ND		9.8	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
Chrysene	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Dibenz(a,h)anthracene	ND		9.8	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
Dibenzofuran	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Diethyl phthalate	ND		9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
Dimethyl phthalate	ND		9.8	2.6	ug/L		08/06/20 16:24	08/07/20 16:17	1
Di-n-butyl phthalate	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Di-n-octyl phthalate	ND		9.8	2.4	ug/L		08/06/20 16:24	08/07/20 16:17	1
Fluoranthene	ND		9.8	3.0	ug/L		08/06/20 16:24	08/07/20 16:17	1
Fluorene	ND		9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
Hexachloro-1,3-butadiene	ND	*	9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Hexachlorobenzene	ND		9.8	3.0	ug/L		08/06/20 16:24	08/07/20 16:17	1
Hexachlorocyclopentadiene	ND	*	24	6.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Hexachloroethane	ND		9.8	2.9	ug/L		08/06/20 16:24	08/07/20 16:17	1
Indeno[1,2,3-cd]pyrene	ND		9.8	2.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
Isophorone	ND		9.8	2.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
Naphthalene	ND		9.8	2.8	ug/L		08/06/20 16:24	08/07/20 16:17	1
Nitrobenzene	ND		24	2.9	ug/L		08/06/20 16:24	08/07/20 16:17	1
N-Nitrosodiethylamine	ND		9.8	0.98	ug/L		08/06/20 16:24	08/18/20 16:26	1
N-Nitrosodimethylamine	ND	*1	9.8	3.1	ug/L		08/06/20 16:24	08/07/20 16:17	1
N-Nitrosodi-n-propylamine	ND		9.8	2.3	ug/L		08/06/20 16:24	08/07/20 16:17	1
N-Nitrosodiphenylamine	ND	*	9.8	2.7	ug/L		08/06/20 16:24	08/07/20 16:17	1
Pentachlorophenol	ND		9.8	4.5	ug/L		08/06/20 16:24	08/07/20 16:17	1
Phenanthrene	ND		9.8	2.9	ug/L		08/06/20 16:24	08/07/20 16:17	1
Phenol	ND		9.8	2.0	ug/L		08/06/20 16:24	08/07/20 16:17	1
Pyrene	ND		9.8	2.9	ug/L		08/06/20 16:24	08/07/20 16:17	1
Pyridine	ND	*1	9.8	2.9	ug/L		08/06/20 16:24	08/07/20 16:17	1

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*08/06/20 16:24*	*08/07/20 16:17*	*1*
Tentatively Identified Compound	*None*		*ug/L*				*08/06/20 16:24*	*08/18/20 16:26*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*32 - 143*	*08/06/20 16:24*	*08/07/20 16:17*	*1*
2,4,6-Tribromophenol (Surr)	*73*		*32 - 143*	*08/06/20 16:24*	*08/18/20 16:26*	*1*
2-Fluorobiphenyl (Surr)	*62*		*45 - 120*	*08/06/20 16:24*	*08/07/20 16:17*	*1*
2-Fluorobiphenyl (Surr)	*50*		*45 - 120*	*08/06/20 16:24*	*08/18/20 16:26*	*1*
2-Fluorophenol (Surr)	*34*		*15 - 138*	*08/06/20 16:24*	*08/07/20 16:17*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*39*		*15 - 138*	*08/06/20 16:24*	*08/18/20 16:26*	*1*
Nitrobenzene-d5 (Surr)	*59*		*56 - 123*	*08/06/20 16:24*	*08/07/20 16:17*	*1*
Nitrobenzene-d5 (Surr)	*54*	*X*	*56 - 123*	*08/06/20 16:24*	*08/18/20 16:26*	*1*
Phenol-d6 (Surr)	*21*		*17 - 141*	*08/06/20 16:24*	*08/07/20 16:17*	*1*
Phenol-d6 (Surr)	*25*		*17 - 141*	*08/06/20 16:24*	*08/18/20 16:26*	*1*
p-Terphenyl-d14 (Surr)	*90*		*46 - 133*	*08/06/20 16:24*	*08/07/20 16:17*	*1*
p-Terphenyl-d14 (Surr)	*74*		*46 - 133*	*08/06/20 16:24*	*08/18/20 16:26*	*1*

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
1,2-Dichlorobenzene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 15:07	1
1,3-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
1,4-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
1-Methylnaphthalene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,4,5-Trichlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,4,6-Trichlorophenol	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,4-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,4-Dimethylphenol	ND		1.0	0.53	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,4-Dinitrophenol	ND		4.0	0.67	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,4-Dinitrotoluene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,6-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2,6-Dinitrotoluene	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2-Chloronaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2-Chlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2-Methylnaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2-Methylphenol	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2-Nitroaniline	ND		1.0	0.10	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
2-Nitrophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
3,3'-Dichlorobenzidine	ND		5.0	0.73	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
3 & 4 Methylphenol	ND	*1	1.0	0.32	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
3-Nitroaniline	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4-Bromophenyl phenyl ether	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4-Chloro-3-methylphenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4-Chloroaniline	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4-Chlorophenyl phenyl ether	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4-Nitroaniline	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
4-Nitrophenol	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Acenaphthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Acenaphthylene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Aniline	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Anthracene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Azobenzene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzidine	ND	*	10	1.6	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzo[a]anthracene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzo[b]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzo[g,h,i]perylene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzo[k]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzoic acid	ND	*1	5.0	0.99	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Benzyl alcohol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Bis(2-chloroethoxy)methane	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
bis (2-Chloroisopropyl) ether	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Bis(2-ethylhexyl) phthalate	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Butyl benzyl phthalate	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Chrysene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Dibenz(a,h)anthracene	ND		1.0	0.092	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Dibenzofuran	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Diethyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Dimethyl phthalate	ND		1.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Di-n-butyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Di-n-octyl phthalate	ND	*1	1.0	0.20	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Fluoranthene	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Fluorene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Hexachloro-1,3-butadiene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Hexachlorobenzene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Hexachloroethane	ND		1.0	0.16	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Indeno[1,2,3-cd]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Isophorone	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Naphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Nitrobenzene	ND		4.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 15:07	1
N-Nitrosodimethylamine	ND		1.0	0.094	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
N-Nitrosodi-n-propylamine	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
N-Nitrosodiphenylamine	ND	*1	1.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Phenanthrene	ND	*1	1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Phenol	ND		1.0	0.095	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Pyrene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 18:42	2
Pyridine	ND	*	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 18:42	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.73*	*T J*	*mg/Kg*		*2.14*		*08/05/20 09:31*	*08/18/20 15:07*	*1*
Unknown	*1.7*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 18:42*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*18 - 138*	*08/05/20 09:31*	*08/06/20 18:42*	*2*
2,4,6-Tribromophenol (Surr)	*39*		*18 - 138*	*08/05/20 09:31*	*08/18/20 15:07*	*1*
2-Fluorobiphenyl (Surr)	*63*		*27 - 120*	*08/05/20 09:31*	*08/06/20 18:42*	*2*
2-Fluorobiphenyl (Surr)	*31*		*27 - 120*	*08/05/20 09:31*	*08/18/20 15:07*	*1*
2-Fluorophenol (Surr)	*52*		*25 - 120*	*08/05/20 09:31*	*08/06/20 18:42*	*2*
2-Fluorophenol (Surr)	*28*		*25 - 120*	*08/05/20 09:31*	*08/18/20 15:07*	*1*
Nitrobenzene-d5 (Surr)	*52*		*33 - 123*	*08/05/20 09:31*	*08/06/20 18:42*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*22*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 15:07*	*1*
Phenol-d6 (Surr)	*53*		*26 - 122*	*08/05/20 09:31*	*08/06/20 18:42*	*2*
Phenol-d6 (Surr)	*27*		*26 - 122*	*08/05/20 09:31*	*08/18/20 15:07*	*1*
p-Terphenyl-d14 (Surr)	*86*		*27 - 159*	*08/05/20 09:31*	*08/06/20 18:42*	*2*
p-Terphenyl-d14 (Surr)	*41*		*27 - 159*	*08/05/20 09:31*	*08/18/20 15:07*	*1*

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
1,2-Dichlorobenzene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 15:29	1
1,3-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
1,4-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
1-Methylnaphthalene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,4,5-Trichlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,4,6-Trichlorophenol	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,4-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,4-Dimethylphenol	ND		0.99	0.53	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,4-Dinitrophenol	ND		4.0	0.67	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,4-Dinitrotoluene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,6-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2,6-Dinitrotoluene	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2-Chloronaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2-Chlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2-Methylnaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2-Methylphenol	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2-Nitroaniline	ND		0.99	0.10	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
2-Nitrophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
3,3'-Dichlorobenzidine	ND		5.0	0.72	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
3 & 4 Methylphenol	ND	*1	0.99	0.32	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
3-Nitroaniline	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4-Bromophenyl phenyl ether	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4-Chloro-3-methylphenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4-Chloroaniline	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4-Chlorophenyl phenyl ether	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4-Nitroaniline	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
4-Nitrophenol	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Acenaphthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Acenaphthylene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Aniline	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Anthracene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Azobenzene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzidine	ND	*	9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzo[a]anthracene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzo[a]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzo[b]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[g,h,i]perylene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzo[k]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzoic acid	ND	*1	5.0	0.99	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Benzyl alcohol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Bis(2-chloroethoxy)methane	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
bis (2-Chloroisopropyl) ether	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Bis(2-ethylhexyl) phthalate	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Butyl benzyl phthalate	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Chrysene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Dibenz(a,h)anthracene	ND		0.99	0.092	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Dibenzofuran	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Diethyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Dimethyl phthalate	ND		0.99	0.23	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Di-n-butyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Di-n-octyl phthalate	ND	*1	0.99	0.20	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Fluoranthene	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Fluorene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Hexachloro-1,3-butadiene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Hexachlorobenzene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Hexachloroethane	ND		0.99	0.16	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Indeno[1,2,3-cd]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Isophorone	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Naphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Nitrobenzene	ND		4.0	0.64	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 15:29	1
N-Nitrosodimethylamine	ND		0.99	0.094	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
N-Nitrosodi-n-propylamine	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
N-Nitrosodiphenylamine	ND	*1	0.99	0.27	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Phenanthrene	ND	*1	0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Phenol	ND		0.99	0.095	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Pyrene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:00	2
Pyridine	ND	*	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:00	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.59*	*T J*	*mg/Kg*		*2.14*		*08/05/20 09:31*	*08/18/20 15:29*	*1*
Unknown	*1.4*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 19:00*	*2*
Unknown	*0.59*	*T J*	*mg/Kg*		*12.70*		*08/05/20 09:31*	*08/18/20 15:29*	*1*
C(14a)-Homo-27-nor-14.beta.-gamm aceran-3.alpha.-ol	*1.2*	*T J N*	*mg/Kg*		*12.79*	*24739-08-0*	*08/05/20 09:31*	*08/06/20 19:00*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*18 - 138*	*08/05/20 09:31*	*08/06/20 19:00*	*2*
2,4,6-Tribromophenol (Surr)	*39*		*18 - 138*	*08/05/20 09:31*	*08/18/20 15:29*	*1*
2-Fluorobiphenyl (Surr)	*65*		*27 - 120*	*08/05/20 09:31*	*08/06/20 19:00*	*2*
2-Fluorobiphenyl (Surr)	*30*		*27 - 120*	*08/05/20 09:31*	*08/18/20 15:29*	*1*
2-Fluorophenol (Surr)	*54*		*25 - 120*	*08/05/20 09:31*	*08/06/20 19:00*	*2*
2-Fluorophenol (Surr)	*28*		*25 - 120*	*08/05/20 09:31*	*08/18/20 15:29*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*52*		*33 - 123*	*08/05/20 09:31*	*08/06/20 19:00*	*2*
Nitrobenzene-d5 (Surr)	*24*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 15:29*	*1*
Phenol-d6 (Surr)	*54*		*26 - 122*	*08/05/20 09:31*	*08/06/20 19:00*	*2*
Phenol-d6 (Surr)	*26*		*26 - 122*	*08/05/20 09:31*	*08/18/20 15:29*	*1*
p-Terphenyl-d14 (Surr)	*88*		*27 - 159*	*08/05/20 09:31*	*08/06/20 19:00*	*2*
p-Terphenyl-d14 (Surr)	*43*		*27 - 159*	*08/05/20 09:31*	*08/18/20 15:29*	*1*

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
1,2-Dichlorobenzene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 15:48	1
1,3-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
1,4-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
1-Methylnaphthalene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,4,5-Trichlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,4,6-Trichlorophenol	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,4-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,4-Dimethylphenol	ND		1.0	0.53	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,4-Dinitrophenol	ND		4.0	0.68	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,4-Dinitrotoluene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,6-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2,6-Dinitrotoluene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2-Chloronaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2-Chlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2-Methylnaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2-Methylphenol	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2-Nitroaniline	ND		1.0	0.10	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
2-Nitrophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
3,3'-Dichlorobenzidine	ND		5.0	0.73	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
3 & 4 Methylphenol	ND	*1	1.0	0.33	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
3-Nitroaniline	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4,6-Dinitro-2-methylphenol	ND	F2	5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4-Bromophenyl phenyl ether	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4-Chloro-3-methylphenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4-Chloroaniline	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4-Chlorophenyl phenyl ether	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4-Nitroaniline	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
4-Nitrophenol	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Acenaphthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Acenaphthylene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Aniline	ND	F1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Anthracene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Azobenzene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzidine	ND	* F1	10	1.6	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzo[a]anthracene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzo[a]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[b]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzo[g,h,i]perylene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzo[k]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzoic acid	ND	F1 *1	5.0	0.99	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Benzyl alcohol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Bis(2-chloroethoxy)methane	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
bis (2-Chloroisopropyl) ether	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Bis(2-ethylhexyl) phthalate	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Butyl benzyl phthalate	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Chrysene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Dibenz(a,h)anthracene	ND		1.0	0.093	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Dibenzofuran	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Diethyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Dimethyl phthalate	ND		1.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Di-n-butyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Di-n-octyl phthalate	ND	*1	1.0	0.20	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Fluoranthene	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Fluorene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Hexachloro-1,3-butadiene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Hexachlorobenzene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Hexachlorocyclopentadiene	ND	F1	3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Hexachloroethane	ND	F1	1.0	0.16	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Indeno[1,2,3-cd]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Isophorone	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Naphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Nitrobenzene	ND		4.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 15:48	1
N-Nitrosodimethylamine	ND	F1	1.0	0.094	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
N-Nitrosodi-n-propylamine	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
N-Nitrosodiphenylamine	ND	*1	1.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Phenanthrene	ND	*1	1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Phenol	ND		1.0	0.096	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Pyrene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:18	2
Pyridine	ND	F2 F1 *	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:18	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.82*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 19:18*	*2*
Unknown	*0.44*	*T J*	*mg/Kg*		*12.61*		*08/05/20 09:31*	*08/18/20 15:48*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*106*		*18 - 138*	*08/05/20 09:31*	*08/06/20 19:18*	*2*
2,4,6-Tribromophenol (Surr)	*42*		*18 - 138*	*08/05/20 09:31*	*08/18/20 15:48*	*1*
2-Fluorobiphenyl (Surr)	*57*		*27 - 120*	*08/05/20 09:31*	*08/06/20 19:18*	*2*
2-Fluorobiphenyl (Surr)	*29*		*27 - 120*	*08/05/20 09:31*	*08/18/20 15:48*	*1*
2-Fluorophenol (Surr)	*39*		*25 - 120*	*08/05/20 09:31*	*08/06/20 19:18*	*2*
2-Fluorophenol (Surr)	*20*	*X*	*25 - 120*	*08/05/20 09:31*	*08/18/20 15:48*	*1*
Nitrobenzene-d5 (Surr)	*39*		*33 - 123*	*08/05/20 09:31*	*08/06/20 19:18*	*2*
Nitrobenzene-d5 (Surr)	*18*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 15:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d6 (Surr)	*49*		*26 - 122*	*08/05/20 09:31*	*08/06/20 19:18*	*2*
Phenol-d6 (Surr)	*24*	*X*	*26 - 122*	*08/05/20 09:31*	*08/18/20 15:48*	*1*
p-Terphenyl-d14 (Surr)	*90*		*27 - 159*	*08/05/20 09:31*	*08/06/20 19:18*	*2*
p-Terphenyl-d14 (Surr)	*44*		*27 - 159*	*08/05/20 09:31*	*08/18/20 15:48*	*1*

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
1,2-Dichlorobenzene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 16:06	1
1,3-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
1,4-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
1-Methylnaphthalene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,4,5-Trichlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,4,6-Trichlorophenol	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,4-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,4-Dimethylphenol	ND		0.99	0.53	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,4-Dinitrophenol	ND		4.0	0.67	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,4-Dinitrotoluene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,6-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2,6-Dinitrotoluene	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2-Chloronaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2-Chlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2-Methylnaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2-Methylphenol	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2-Nitroaniline	ND		0.99	0.10	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
2-Nitrophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
3,3'-Dichlorobenzidine	ND		5.0	0.72	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
3 & 4 Methylphenol	ND	*1	0.99	0.32	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
3-Nitroaniline	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4-Bromophenyl phenyl ether	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4-Chloro-3-methylphenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4-Chloroaniline	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4-Chlorophenyl phenyl ether	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4-Nitroaniline	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
4-Nitrophenol	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Acenaphthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Acenaphthylene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Aniline	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Anthracene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Azobenzene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzidine	ND	*	9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzo[a]anthracene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzo[a]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzo[b]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzo[g,h,i]perylene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzoic acid	ND	*1	5.0	0.99	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Benzyl alcohol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Bis(2-chloroethoxy)methane	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
bis (2-Chloroisopropyl) ether	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Bis(2-ethylhexyl) phthalate	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Butyl benzyl phthalate	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Chrysene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Dibenz(a,h)anthracene	ND		0.99	0.092	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Dibenzofuran	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Diethyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Dimethyl phthalate	ND		0.99	0.23	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Di-n-butyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Di-n-octyl phthalate	ND	*1	0.99	0.20	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Fluoranthene	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Fluorene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Hexachloro-1,3-butadiene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Hexachlorobenzene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Hexachloroethane	ND		0.99	0.16	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Indeno[1,2,3-cd]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Isophorone	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Naphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Nitrobenzene	ND		4.0	0.64	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 16:06	1
N-Nitrosodimethylamine	ND		0.99	0.094	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
N-Nitrosodi-n-propylamine	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
N-Nitrosodiphenylamine	ND	*1	0.99	0.27	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Phenanthrene	ND	*1	0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Phenol	ND		0.99	0.095	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Pyrene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:37	2
Pyridine	ND	*	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:37	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.55*	*T J*	*mg/Kg*		*2.14*		*08/05/20 09:31*	*08/18/20 16:06*	*1*
Unknown	*1.5*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 19:37*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*18 - 138*	*08/05/20 09:31*	*08/06/20 19:37*	*2*
2,4,6-Tribromophenol (Surr)	*43*		*18 - 138*	*08/05/20 09:31*	*08/18/20 16:06*	*1*
2-Fluorobiphenyl (Surr)	*63*		*27 - 120*	*08/05/20 09:31*	*08/06/20 19:37*	*2*
2-Fluorobiphenyl (Surr)	*30*		*27 - 120*	*08/05/20 09:31*	*08/18/20 16:06*	*1*
2-Fluorophenol (Surr)	*53*		*25 - 120*	*08/05/20 09:31*	*08/06/20 19:37*	*2*
2-Fluorophenol (Surr)	*26*		*25 - 120*	*08/05/20 09:31*	*08/18/20 16:06*	*1*
Nitrobenzene-d5 (Surr)	*50*		*33 - 123*	*08/05/20 09:31*	*08/06/20 19:37*	*2*
Nitrobenzene-d5 (Surr)	*22*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 16:06*	*1*
Phenol-d6 (Surr)	*54*		*26 - 122*	*08/05/20 09:31*	*08/06/20 19:37*	*2*
Phenol-d6 (Surr)	*25*	*X*	*26 - 122*	*08/05/20 09:31*	*08/18/20 16:06*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*89*		*27 - 159*	*08/05/20 09:31*	*08/06/20 19:37*	*2*
p-Terphenyl-d14 (Surr)	*44*		*27 - 159*	*08/05/20 09:31*	*08/18/20 16:06*	*1*

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
1,2-Dichlorobenzene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 16:24	1
1,3-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
1,4-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
1-Methylnaphthalene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,4,5-Trichlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,4,6-Trichlorophenol	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,4-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,4-Dimethylphenol	ND		1.0	0.53	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,4-Dinitrophenol	ND		4.0	0.67	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,4-Dinitrotoluene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,6-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2,6-Dinitrotoluene	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2-Chloronaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2-Chlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2-Methylnaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2-Methylphenol	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2-Nitroaniline	ND		1.0	0.10	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
2-Nitrophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
3,3'-Dichlorobenzidine	ND		5.0	0.72	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
3 & 4 Methylphenol	ND	*1	1.0	0.32	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
3-Nitroaniline	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4-Bromophenyl phenyl ether	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4-Chloro-3-methylphenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4-Chloroaniline	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4-Chlorophenyl phenyl ether	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4-Nitroaniline	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
4-Nitrophenol	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Acenaphthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Acenaphthylene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Aniline	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Anthracene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Azobenzene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzidine	ND	*	10	1.6	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzo[a]anthracene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzo[a]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzo[b]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzo[g,h,i]perylene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzo[k]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Benzoic acid	ND	*1	5.0	0.99	mg/Kg		08/05/20 09:31	08/06/20 19:55	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzyl alcohol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Bis(2-chloroethoxy)methane	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
bis (2-Chloroisopropyl) ether	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Bis(2-ethylhexyl) phthalate	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Butyl benzyl phthalate	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Chrysene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Dibenz(a,h)anthracene	ND		1.0	0.092	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Dibenzofuran	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Diethyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Dimethyl phthalate	ND		1.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Di-n-butyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Di-n-octyl phthalate	ND	*1	1.0	0.20	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Fluoranthene	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Fluorene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Hexachloro-1,3-butadiene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Hexachlorobenzene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Hexachloroethane	ND		1.0	0.16	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Indeno[1,2,3-cd]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Isophorone	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Naphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Nitrobenzene	ND		4.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 16:24	1
N-Nitrosodimethylamine	ND		1.0	0.094	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
N-Nitrosodi-n-propylamine	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
N-Nitrosodiphenylamine	ND	*1	1.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Phenanthrene	ND	*1	1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Phenol	ND		1.0	0.095	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Pyrene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 19:55	2
Pyridine	ND	*	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 19:55	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.62*	*T J*	*mg/Kg*		*2.14*		*08/05/20 09:31*	*08/18/20 16:24*	*1*
Unknown	*1.4*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 19:55*	*2*
Pentadecane, 2,6,10-trimethyl-	*0.71*	*T J N*	*mg/Kg*		*7.02*	*3892-00-0*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Pentadecane, 2,6,10-trimethyl-	*1.7*	*T J N*	*mg/Kg*		*7.07*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 19:55*	*2*
Heptadecane	*0.61*	*T J N*	*mg/Kg*		*7.25*	*629-78-7*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*1.9*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Heptadecane	*0.96*	*T J N*	*mg/Kg*		*7.30*	*629-78-7*	*08/05/20 09:31*	*08/06/20 19:55*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*3.4*	*T J N*	*mg/Kg*		*7.33*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 19:55*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*1.1*	*T J N*	*mg/Kg*		*7.74*	*638-36-8*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*2.6*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 19:55*	*2*
2-Dodecen-1-yl(-)succinic anhydride	*0.41*	*T J N*	*mg/Kg*		*8.08*	*19780-11-1*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Nonadecane	*0.75*	*T J N*	*mg/Kg*		*8.11*	*629-92-5*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Nonadecane	*1.7*	*T J N*	*mg/Kg*		*8.16*	*629-92-5*	*08/05/20 09:31*	*08/06/20 19:55*	*2*
Octadecane	*0.88*	*T J N*	*mg/Kg*		*8.50*	*593-45-3*	*08/05/20 09:31*	*08/18/20 16:24*	*1*
Octadecane, 1-chloro-	*2.2*	*T J N*	*mg/Kg*		*8.56*	*3386-33-2*	*08/05/20 09:31*	*08/06/20 19:55*	*2*
2-Dodecen-1-yl(-)succinic anhydride	*0.50*	*T J N*	*mg/Kg*		*8.80*	*19780-11-1*	*08/05/20 09:31*	*08/18/20 16:24*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Hexadecane, 2,6,10,14-tetramethyl-	0.87	T J N	mg/Kg		8.88	638-36-8	08/05/20 09:31	08/18/20 16:24	1
Heneicosane	2.3	T J N	mg/Kg		8.94	629-94-7	08/05/20 09:31	08/06/20 19:55	2
Hexadecane	0.49	T J N	mg/Kg		9.25	544-76-3	08/05/20 09:31	08/18/20 16:24	1
2-Dodecen-1-yl(-)succinic anhydride	0.92	T J N	mg/Kg		9.30	19780-11-1	08/05/20 09:31	08/06/20 19:55	2
Germacyclopentane, 1-chloro-	0.56	T J N	mg/Kg		11.49	4554-75-0	08/05/20 09:31	08/18/20 16:24	1
5.alpha.-Ergost-8(14)-ene	1.2	T J N	mg/Kg		11.56	6673-69-4	08/05/20 09:31	08/06/20 19:55	2
Unknown	0.56	T J	mg/Kg		11.66		08/05/20 09:31	08/18/20 16:24	1
1H-Indene, 5-butyl-6-hexyloctahydro-	1.2	T J N	mg/Kg		11.74	55044-36-5	08/05/20 09:31	08/06/20 19:55	2
Unknown	0.72	T J	mg/Kg		11.82		08/05/20 09:31	08/18/20 16:24	1
Unknown	1.3	T J	mg/Kg		11.90		08/05/20 09:31	08/06/20 19:55	2
1H-Indene, 5-butyl-6-hexyloctahydro-	0.93	T J N	mg/Kg		11.97	55044-36-5	08/05/20 09:31	08/06/20 19:55	2
Cholestane	0.99	T J N	mg/Kg		12.01	481-21-0	08/05/20 09:31	08/18/20 16:24	1
6-Isopropenyl-4,8a-dimethyl-4a,5,6,7,8,8a-hexahydro-1H-napht	1.6	T J N	mg/Kg		12.09	86917-79-5	08/05/20 09:31	08/06/20 19:55	2
Unknown	0.76	T J	mg/Kg		12.50		08/05/20 09:31	08/18/20 16:24	1
Unknown	1.6	T J	mg/Kg		12.59		08/05/20 09:31	08/06/20 19:55	2
Unknown	0.46	T J	mg/Kg		12.61		08/05/20 09:31	08/18/20 16:24	1
Unknown	1.1	T J	mg/Kg		12.70		08/05/20 09:31	08/06/20 19:55	2
1H-Indene, 5-butyl-6-hexyloctahydro-	1.8	T J N	mg/Kg		12.79	55044-36-5	08/05/20 09:31	08/06/20 19:55	2
Unknown	1.8	T J	mg/Kg		13.01		08/05/20 09:31	08/06/20 19:55	2
Unknown	0.50	T J	mg/Kg		13.03		08/05/20 09:31	08/18/20 16:24	1
5-(7a-Isopropenyl-4,5-dimethyl-octahydroinden-4-yl)-3-methyl	0.97	T J N	mg/Kg		13.12	1000193-54-0	08/05/20 09:31	08/06/20 19:55	2
Unknown	0.72	T J	mg/Kg		13.44		08/05/20 09:31	08/18/20 16:24	1
28-Nor-17.beta.(H)-hopane	1.5	T J N	mg/Kg		13.54	36728-72-0	08/05/20 09:31	08/06/20 19:55	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	97		18 - 138	08/05/20 09:31	08/06/20 19:55	2
2,4,6-Tribromophenol (Surr)	59		18 - 138	08/05/20 09:31	08/18/20 16:24	1
2-Fluorobiphenyl (Surr)	62		27 - 120	08/05/20 09:31	08/06/20 19:55	2
2-Fluorobiphenyl (Surr)	29		27 - 120	08/05/20 09:31	08/18/20 16:24	1
2-Fluorophenol (Surr)	51		25 - 120	08/05/20 09:31	08/06/20 19:55	2
2-Fluorophenol (Surr)	26		25 - 120	08/05/20 09:31	08/18/20 16:24	1
Nitrobenzene-d5 (Surr)	52		33 - 123	08/05/20 09:31	08/06/20 19:55	2
Nitrobenzene-d5 (Surr)	24	X	33 - 123	08/05/20 09:31	08/18/20 16:24	1
Phenol-d6 (Surr)	51		26 - 122	08/05/20 09:31	08/06/20 19:55	2
Phenol-d6 (Surr)	25	X	26 - 122	08/05/20 09:31	08/18/20 16:24	1
p-Terphenyl-d14 (Surr)	81		27 - 159	08/05/20 09:31	08/06/20 19:55	2
p-Terphenyl-d14 (Surr)	41		27 - 159	08/05/20 09:31	08/18/20 16:24	1

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
1,2-Dichlorobenzene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 16:42	1
1,3-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
1,4-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:13	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,4,5-Trichlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,4,6-Trichlorophenol	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,4-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,4-Dimethylphenol	ND		1.0	0.53	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,4-Dinitrophenol	ND		4.0	0.68	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,4-Dinitrotoluene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,6-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2,6-Dinitrotoluene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2-Chloronaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2-Chlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2-Methylnaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2-Methylphenol	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2-Nitroaniline	ND		1.0	0.10	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
2-Nitrophenol	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
3,3'-Dichlorobenzidine	ND		5.0	0.73	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
3 & 4 Methylphenol	ND	*1	1.0	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
3-Nitroaniline	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4-Bromophenyl phenyl ether	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4-Chloro-3-methylphenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4-Chloroaniline	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4-Chlorophenyl phenyl ether	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4-Nitroaniline	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
4-Nitrophenol	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Acenaphthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Acenaphthylene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Aniline	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Anthracene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Azobenzene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzidine	ND	*	10	1.7	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzo[a]anthracene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzo[a]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzo[b]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzo[g,h,i]perylene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzo[k]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzoic acid	ND	*1	5.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Benzyl alcohol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Bis(2-chloroethoxy)methane	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Bis(2-chloroethyl)ether	ND		5.0	0.82	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
bis (2-Chloroisopropyl) ether	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Bis(2-ethylhexyl) phthalate	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Butyl benzyl phthalate	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Chrysene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Dibenz(a,h)anthracene	ND		1.0	0.093	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Dibenzofuran	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Diethyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Dimethyl phthalate	ND		1.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Di-n-butyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-octyl phthalate	ND	*1	1.0	0.20	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Fluoranthene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Fluorene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Hexachloro-1,3-butadiene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Hexachlorobenzene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Hexachloroethane	ND		1.0	0.16	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Indeno[1,2,3-cd]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Isophorone	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Naphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Nitrobenzene	ND		4.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 16:42	1
N-Nitrosodimethylamine	ND		1.0	0.095	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
N-Nitrosodi-n-propylamine	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
N-Nitrosodiphenylamine	ND	*1	1.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Pentachlorophenol	ND		5.0	0.78	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Phenanthrene	**0.79**	**J *1**	1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Phenol	ND		1.0	0.096	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Pyrene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:13	2
Pyridine	ND	*	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:13	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.61*	*T J*	*mg/Kg*		*2.14*		*08/05/20 09:31*	*08/18/20 16:42*	*1*
Unknown	*1.6*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 20:13*	*2*
Hexadecane	*0.62*	*T J N*	*mg/Kg*		*6.79*	*544-76-3*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Hexadecane	*1.2*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Hexadecane, 7,9-dimethyl-	*1.4*	*T J N*	*mg/Kg*		*7.02*	*21164-95-4*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Pentadecane, 2,6,10-trimethyl-	*3.3*	*T J N*	*mg/Kg*		*7.07*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
2-Dodecen-1-yl(-)succinic anhydride	*0.69*	*T J N*	*mg/Kg*		*7.20*	*19780-11-1*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Heptadecane	*1.1*	*T J N*	*mg/Kg*		*7.25*	*629-78-7*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*2.8*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Heptadecane	*2.0*	*T J N*	*mg/Kg*		*7.31*	*629-78-7*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*7.0*	*T J N*	*mg/Kg*		*7.33*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Unknown	*0.57*	*T J*	*mg/Kg*		*7.45*		*08/05/20 09:31*	*08/18/20 16:42*	*1*
Unknown	*1.1*	*T J*	*mg/Kg*		*7.50*		*08/05/20 09:31*	*08/06/20 20:13*	*2*
Decane, 3,8-dimethyl-	*2.1*	*T J N*	*mg/Kg*		*7.74*	*17312-55-9*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*5.5*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Benz[a]naphthalane, 2-hydroxy	*0.90*	*T J N*	*mg/Kg*		*8.00*	*1000126-78-5*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Benz[a]naphthalane, 2-hydroxy	*1.7*	*T J N*	*mg/Kg*		*8.05*	*1000126-78-5*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*0.88*	*T J N*	*mg/Kg*		*8.08*	*638-36-8*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Nonadecane	*1.9*	*T J N*	*mg/Kg*		*8.11*	*629-92-5*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*1.7*	*T J N*	*mg/Kg*		*8.13*	*638-36-8*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Nonadecane	*4.8*	*T J N*	*mg/Kg*		*8.16*	*629-92-5*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
2-Dodecen-1-yl(-)succinic anhydride	*0.77*	*T J N*	*mg/Kg*		*8.44*	*19780-11-1*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
2,5-Furandione, 3-dodecyl-	*2.1*	*T J N*	*mg/Kg*		*8.49*	*1000127-73-3*	*08/05/20 09:31*	*08/06/20 20:13*	*2*
Eicosane	*2.6*	*T J N*	*mg/Kg*		*8.51*	*112-95-8*	*08/05/20 09:31*	*08/18/20 16:42*	*1*
Eicosane	*6.7*	*T J N*	*mg/Kg*		*8.56*	*112-95-8*	*08/05/20 09:31*	*08/06/20 20:13*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentadecane, 2-methyl-	1.1	T J N	mg/Kg		8.80	1560-93-6	08/05/20 09:31	08/18/20 16:42	1
Hexadecane, 2,6,10,14-tetramethyl-	2.4	T J N	mg/Kg		8.85	638-36-8	08/05/20 09:31	08/06/20 20:13	2
Heneicosane	2.2	T J N	mg/Kg		8.89	629-94-7	08/05/20 09:31	08/18/20 16:42	1
Heneicosane	5.5	T J N	mg/Kg		8.94	629-94-7	08/05/20 09:31	08/06/20 20:13	2
Hexadecane, 2,6,10,14-tetramethyl-	1.6	T J N	mg/Kg		9.06	638-36-8	08/05/20 09:31	08/06/20 20:13	2
Docosane	0.99	T J N	mg/Kg		9.25	629-97-0	08/05/20 09:31	08/18/20 16:42	1
Docosane	2.3	T J N	mg/Kg		9.30	629-97-0	08/05/20 09:31	08/06/20 20:13	2
Heptadecane	0.54	T J N	mg/Kg		9.60	629-78-7	08/05/20 09:31	08/18/20 16:42	1
4-Methyldocosane	1.2	T J N	mg/Kg		9.65	1000131-16-7	08/05/20 09:31	08/06/20 20:13	2
Unknown	1.0	T J	mg/Kg		12.01		08/05/20 09:31	08/18/20 16:42	1
Cholestane	1.8	T J N	mg/Kg		12.09	481-21-0	08/05/20 09:31	08/06/20 20:13	2
Unknown	0.65	T J	mg/Kg		12.50		08/05/20 09:31	08/18/20 16:42	1
Cholestane	1.6	T J N	mg/Kg		12.59	481-21-0	08/05/20 09:31	08/06/20 20:13	2
28-Nor-17.alpha.(H)-hopane	0.61	T J N	mg/Kg		13.44	53584-60-4	08/05/20 09:31	08/18/20 16:42	1
Unknown	1.2	T J	mg/Kg		13.54		08/05/20 09:31	08/06/20 20:13	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	101		18 - 138	08/05/20 09:31	08/06/20 20:13	2
2,4,6-Tribromophenol (Surr)	58		18 - 138	08/05/20 09:31	08/18/20 16:42	1
2-Fluorobiphenyl (Surr)	65		27 - 120	08/05/20 09:31	08/06/20 20:13	2
2-Fluorobiphenyl (Surr)	28		27 - 120	08/05/20 09:31	08/18/20 16:42	1
2-Fluorophenol (Surr)	55		25 - 120	08/05/20 09:31	08/06/20 20:13	2
2-Fluorophenol (Surr)	26		25 - 120	08/05/20 09:31	08/18/20 16:42	1
Nitrobenzene-d5 (Surr)	55		33 - 123	08/05/20 09:31	08/06/20 20:13	2
Nitrobenzene-d5 (Surr)	24	X	33 - 123	08/05/20 09:31	08/18/20 16:42	1
Phenol-d6 (Surr)	54		26 - 122	08/05/20 09:31	08/06/20 20:13	2
Phenol-d6 (Surr)	25	X	26 - 122	08/05/20 09:31	08/18/20 16:42	1
p-Terphenyl-d14 (Surr)	82		27 - 159	08/05/20 09:31	08/06/20 20:13	2
p-Terphenyl-d14 (Surr)	38		27 - 159	08/05/20 09:31	08/18/20 16:42	1

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
1,2-Dichlorobenzene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 17:01	1
1,3-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
1,4-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
1-Methylnaphthalene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,4,5-Trichlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,4,6-Trichlorophenol	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,4-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,4-Dimethylphenol	ND		0.99	0.53	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,4-Dinitrophenol	ND		4.0	0.67	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,4-Dinitrotoluene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,6-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2,6-Dinitrotoluene	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2-Chloronaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2-Methylnaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2-Methylphenol	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2-Nitroaniline	ND		0.99	0.10	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
2-Nitrophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
3,3'-Dichlorobenzidine	ND		5.0	0.72	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
3 & 4 Methylphenol	ND	*1	0.99	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
3-Nitroaniline	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4-Bromophenyl phenyl ether	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4-Chloro-3-methylphenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4-Chloroaniline	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4-Chlorophenyl phenyl ether	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4-Nitroaniline	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
4-Nitrophenol	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Acenaphthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Acenaphthylene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Aniline	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Anthracene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Azobenzene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzidine	ND	*	9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzo[a]anthracene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzo[a]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzo[b]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzo[g,h,i]perylene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzo[k]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzoic acid	ND	*1	5.0	0.98	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Benzyl alcohol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Bis(2-chloroethoxy)methane	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
bis (2-Chloroisopropyl) ether	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Bis(2-ethylhexyl) phthalate	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Butyl benzyl phthalate	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Chrysene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Dibenz(a,h)anthracene	ND		0.99	0.092	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Dibenzofuran	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Diethyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Dimethyl phthalate	ND		0.99	0.22	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Di-n-butyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Di-n-octyl phthalate	ND	*1	0.99	0.20	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Fluoranthene	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Fluorene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Hexachloro-1,3-butadiene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Hexachlorobenzene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Hexachloroethane	ND		0.99	0.16	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Indeno[1,2,3-cd]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Isophorone	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Naphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 20:32	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		4.0	0.64	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 17:01	1
N-Nitrosodimethylamine	ND		0.99	0.093	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
N-Nitrosodi-n-propylamine	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
N-Nitrosodiphenylamine	ND	*1	0.99	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Phenanthrene	**0.68**	**J *1**	0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Phenol	ND		0.99	0.095	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Pyrene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 20:32	2
Pyridine	ND	*	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 20:32	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*0.57*	*T J*	*mg/Kg*		*2.14*		*08/05/20 09:31*	*08/18/20 17:01*	*1*
Unknown	*1.4*	*T J*	*mg/Kg*		*2.18*		*08/05/20 09:31*	*08/06/20 20:32*	*2*
Pentadecane, 2,6,10-trimethyl-	*0.72*	*T J N*	*mg/Kg*		*7.02*	*3892-00-0*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Dodecane, 2,6,11-trimethyl-	*1.9*	*T J N*	*mg/Kg*		*7.07*	*31295-56-4*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Heptadecane	*0.50*	*T J N*	*mg/Kg*		*7.25*	*629-78-7*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*1.5*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Heptadecane	*1.0*	*T J N*	*mg/Kg*		*7.31*	*629-78-7*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*3.8*	*T J N*	*mg/Kg*		*7.33*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Unknown	*0.41*	*T J*	*mg/Kg*		*7.45*		*08/05/20 09:31*	*08/18/20 17:01*	*1*
Unknown	*0.96*	*T J*	*mg/Kg*		*7.50*		*08/05/20 09:31*	*08/06/20 20:32*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*1.3*	*T J N*	*mg/Kg*		*7.74*	*638-36-8*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*3.2*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Anthrone	*0.57*	*T J N*	*mg/Kg*		*8.00*	*90-44-8*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Benz[a]naphthalane, 2-hydroxy	*1.1*	*T J N*	*mg/Kg*		*8.05*	*1000126-78-5*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Nonadecane	*0.96*	*T J N*	*mg/Kg*		*8.11*	*629-92-5*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Hexadecane	*1.1*	*T J N*	*mg/Kg*		*8.13*	*544-76-3*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Nonadecane	*2.5*	*T J N*	*mg/Kg*		*8.16*	*629-92-5*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Unknown	*0.40*	*T J*	*mg/Kg*		*8.44*		*08/05/20 09:31*	*08/18/20 17:01*	*1*
2-Dodecen-1-yl(-)succinic anhydride	*1.2*	*T J N*	*mg/Kg*		*8.49*	*19780-11-1*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Eicosane	*1.4*	*T J N*	*mg/Kg*		*8.50*	*112-95-8*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Eicosane	*4.1*	*T J N*	*mg/Kg*		*8.56*	*112-95-8*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Unknown	*0.65*	*T J*	*mg/Kg*		*8.80*		*08/05/20 09:31*	*08/18/20 17:01*	*1*
Imidazole, 2-fluoro-1-triacetylribofuranosyl-	*1.9*	*T J N*	*mg/Kg*		*8.85*	*1000129-58-5*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Heneicosane	*1.1*	*T J N*	*mg/Kg*		*8.88*	*629-94-7*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Heneicosane	*3.3*	*T J N*	*mg/Kg*		*8.94*	*629-94-7*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Nonadecane	*0.73*	*T J N*	*mg/Kg*		*9.25*	*629-92-5*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Docosane	*1.4*	*T J N*	*mg/Kg*		*9.30*	*629-97-0*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Unknown	*0.42*	*T J*	*mg/Kg*		*11.49*		*08/05/20 09:31*	*08/18/20 17:01*	*1*
Cholestane	*0.77*	*T J N*	*mg/Kg*		*12.00*	*481-21-0*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Cholestane	*1.7*	*T J N*	*mg/Kg*		*12.09*	*481-21-0*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Unknown	*0.61*	*T J*	*mg/Kg*		*12.50*		*08/05/20 09:31*	*08/18/20 17:01*	*1*
Unknown	*1.0*	*T J*	*mg/Kg*		*12.58*		*08/05/20 09:31*	*08/06/20 20:32*	*2*
1H-Indene, 5-butyl-6-hexyloctahydro-	*0.85*	*T J N*	*mg/Kg*		*13.12*	*55044-36-5*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Squalene	*0.51*	*T J N*	*mg/Kg*		*13.44*	*7683-64-9*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Unknown	*1.1*	*T J*	*mg/Kg*		*13.54*		*08/05/20 09:31*	*08/06/20 20:32*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*109*		*18 - 138*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
2,4,6-Tribromophenol (Surr)	*56*		*18 - 138*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
2-Fluorobiphenyl (Surr)	*66*		*27 - 120*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
2-Fluorobiphenyl (Surr)	*30*		*27 - 120*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
2-Fluorophenol (Surr)	*53*		*25 - 120*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
2-Fluorophenol (Surr)	*25*		*25 - 120*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Nitrobenzene-d5 (Surr)	*54*		*33 - 123*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Nitrobenzene-d5 (Surr)	*23*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
Phenol-d6 (Surr)	*55*		*26 - 122*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
Phenol-d6 (Surr)	*24*	*X*	*26 - 122*	*08/05/20 09:31*	*08/18/20 17:01*	*1*
p-Terphenyl-d14 (Surr)	*86*		*27 - 159*	*08/05/20 09:31*	*08/06/20 20:32*	*2*
p-Terphenyl-d14 (Surr)	*40*		*27 - 159*	*08/05/20 09:31*	*08/18/20 17:01*	*1*

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 17:19	1
1,3-Dichlorobenzene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
1,4-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
1-Methylnaphthalene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,4,5-Trichlorophenol	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,4-Dinitrophenol	ND		9.9	1.7	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2-Chloronaphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2-Methylnaphthalene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
2-Nitrophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
3-Nitroaniline	ND		2.5	0.35	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4-Bromophenyl phenyl ether	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4-Chloroaniline	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4-Nitroaniline	ND	*1	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Acenaphthene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Anthracene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzo[g,h,i]perylene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Bis(2-ethylhexyl) phthalate	ND	*1	2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Chrysene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Dibenzofuran	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Dimethyl phthalate	ND		2.5	0.56	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Fluorene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Hexachloro-1,3-butadiene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Hexachlorocyclopentadiene	ND		7.4	2.5	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Indeno[1,2,3-cd]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Naphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Nitrobenzene	ND		9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 17:19	1
N-Nitrosodimethylamine	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
N-Nitrosodi-n-propylamine	ND		2.5	0.41	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
N-Nitrosodiphenylamine	ND	*1	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Phenanthrene	**2.9**	***1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 20:50	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 20:50	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetradecane	*0.40*	*T J N*	*mg/Kg*		*5.78*	*629-59-4*	*08/05/20 09:31*	*08/18/20 17:19*	*1*
Tetradecane	*2.6*	*T J N*	*mg/Kg*		*5.82*	*629-59-4*	*08/05/20 09:31*	*08/06/20 20:50*	*5*
Unknown	*0.41*	*T J*	*mg/Kg*		*6.11*		*08/05/20 09:31*	*08/18/20 17:19*	*1*
Dodecane, 2,6,11-trimethyl-	*2.8*	*T J N*	*mg/Kg*		*6.16*	*31295-56-4*	*08/05/20 09:31*	*08/06/20 20:50*	*5*
Pentadecane	*0.46*	*T J N*	*mg/Kg*		*6.30*	*629-62-9*	*08/05/20 09:31*	*08/18/20 17:19*	*1*
Pentadecane	*3.2*	*T J N*	*mg/Kg*		*6.35*	*629-62-9*	*08/05/20 09:31*	*08/06/20 20:50*	*5*
Hexadecane	*0.63*	*T J N*	*mg/Kg*		*6.79*	*544-76-3*	*08/05/20 09:31*	*08/18/20 17:19*	*1*
Hexadecane	*4.2*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 20:50*	*5*
Hexadecane, 2,6,11,15-tetramethyl-	*0.99*	*T J N*	*mg/Kg*		*7.02*	*504-44-9*	*08/05/20 09:31*	*08/18/20 17:19*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
2,6-Dimethyldecane	6.4	T J N	mg/Kg		7.07	13150-81-7	08/05/20 09:31	08/06/20 20:50	5
Heptadecane	1.0	T J N	mg/Kg		7.25	629-78-7	08/05/20 09:31	08/18/20 17:19	1
Pentadecane, 2,6,10,14-tetramethyl-	2.2	T J N	mg/Kg		7.28	1921-70-6	08/05/20 09:31	08/18/20 17:19	1
Heptadecane	5.6	T J N	mg/Kg		7.30	629-78-7	08/05/20 09:31	08/06/20 20:50	5
Pentadecane, 2,6,10,14-tetramethyl-	15	T J N	mg/Kg		7.33	1921-70-6	08/05/20 09:31	08/06/20 20:50	5
Unknown	0.52	T J	mg/Kg		7.45		08/05/20 09:31	08/18/20 17:19	1
Unknown	3.3	T J	mg/Kg		7.50		08/05/20 09:31	08/06/20 20:50	5
Hexadecane, 2,6,10,14-tetramethyl-	1.6	T J N	mg/Kg		7.74	638-36-8	08/05/20 09:31	08/18/20 17:19	1
Hexadecane, 2,6,10,14-tetramethyl-	11	T J N	mg/Kg		7.79	638-36-8	08/05/20 09:31	08/06/20 20:50	5
Anthrone	0.78	T J N	mg/Kg		7.99	90-44-8	08/05/20 09:31	08/18/20 17:19	1
Anthrone	4.8	T J N	mg/Kg		8.05	90-44-8	08/05/20 09:31	08/06/20 20:50	5
Hexadecane, 2,6,10,14-tetramethyl-	0.53	T J N	mg/Kg		8.08	638-36-8	08/05/20 09:31	08/18/20 17:19	1
Nonadecane	1.6	T J N	mg/Kg		8.11	629-92-5	08/05/20 09:31	08/18/20 17:19	1
Hexadecane, 2,6,10,14-tetramethyl-	4.0	T J N	mg/Kg		8.13	638-36-8	08/05/20 09:31	08/06/20 20:50	5
Nonadecane	12	T J N	mg/Kg		8.16	629-92-5	08/05/20 09:31	08/06/20 20:50	5
Anthracene, 9-methyl-	3.3	T J N	mg/Kg		8.35	779-02-2	08/05/20 09:31	08/06/20 20:50	5
Anthracene, 2-methyl-	3.5	T J N	mg/Kg		8.38	613-12-7	08/05/20 09:31	08/06/20 20:50	5
Unknown	0.61	T J	mg/Kg		8.44		08/05/20 09:31	08/18/20 17:19	1
2-Dodecen-1-yl(-)succinic anhydride	4.3	T J N	mg/Kg		8.49	19780-11-1	08/05/20 09:31	08/06/20 20:50	5
Eicosane	2.4	T J N	mg/Kg		8.51	112-95-8	08/05/20 09:31	08/18/20 17:19	1
Tricosane	17	T J N	mg/Kg		8.56	638-67-5	08/05/20 09:31	08/06/20 20:50	5
Pentadecane, 2-methyl-	0.77	T J N	mg/Kg		8.80	1560-93-6	08/05/20 09:31	08/18/20 17:19	1
Imidazole, 2-fluoro-1-triacetylribofuranosyl-	5.5	T J N	mg/Kg		8.85	1000129-58-5	08/05/20 09:31	08/06/20 20:50	5
Heneicosane	1.5	T J N	mg/Kg		8.89	629-94-7	08/05/20 09:31	08/18/20 17:19	1
Heneicosane	11	T J N	mg/Kg		8.94	629-94-7	08/05/20 09:31	08/06/20 20:50	5
E-8-Methyl-9-tetradecen-1-ol acetate	0.47	T J N	mg/Kg		9.01	1000130-81-4	08/05/20 09:31	08/18/20 17:19	1
Docosane	0.94	T J N	mg/Kg		9.25	629-97-0	08/05/20 09:31	08/18/20 17:19	1
Docosane	5.3	T J N	mg/Kg		9.30	629-97-0	08/05/20 09:31	08/06/20 20:50	5
1-Bromodocosane	0.41	T J N	mg/Kg		9.60	6938-66-5	08/05/20 09:31	08/18/20 17:19	1
Tricosane	2.8	T J N	mg/Kg		9.65	638-67-5	08/05/20 09:31	08/06/20 20:50	5
Cholestane	0.45	T J N	mg/Kg		12.01	481-21-0	08/05/20 09:31	08/18/20 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		18 - 138	08/05/20 09:31	08/06/20 20:50	5
2,4,6-Tribromophenol (Surr)	23		18 - 138	08/05/20 09:31	08/18/20 17:19	1
2-Fluorobiphenyl (Surr)	67		27 - 120	08/05/20 09:31	08/06/20 20:50	5
2-Fluorobiphenyl (Surr)	12	X	27 - 120	08/05/20 09:31	08/18/20 17:19	1
2-Fluorophenol (Surr)	54		25 - 120	08/05/20 09:31	08/06/20 20:50	5
2-Fluorophenol (Surr)	10	X	25 - 120	08/05/20 09:31	08/18/20 17:19	1
Nitrobenzene-d5 (Surr)	55		33 - 123	08/05/20 09:31	08/06/20 20:50	5
Nitrobenzene-d5 (Surr)	9	X	33 - 123	08/05/20 09:31	08/18/20 17:19	1
Phenol-d6 (Surr)	53		26 - 122	08/05/20 09:31	08/06/20 20:50	5
Phenol-d6 (Surr)	9	X	26 - 122	08/05/20 09:31	08/18/20 17:19	1
p-Terphenyl-d14 (Surr)	84		27 - 159	08/05/20 09:31	08/06/20 20:50	5
p-Terphenyl-d14 (Surr)	15	X	27 - 159	08/05/20 09:31	08/18/20 17:19	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
1,2-Dichlorobenzene	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
1,2-Diphenylhydrazine	ND		1.0	0.22	mg/Kg		08/05/20 09:31	08/18/20 17:37	1
1,3-Dichlorobenzene	ND		2.0	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
1,4-Dichlorobenzene	ND		2.0	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
1-Methylnaphthalene	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,4,5-Trichlorophenol	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,4,6-Trichlorophenol	ND		2.0	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,4-Dichlorophenol	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,4-Dimethylphenol	ND		2.0	1.1	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,4-Dinitrophenol	ND		8.0	1.4	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,4-Dinitrotoluene	ND		2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,6-Dichlorophenol	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2,6-Dinitrotoluene	ND		2.0	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2-Chloronaphthalene	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2-Chlorophenol	ND		2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2-Methylnaphthalene	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2-Methylphenol	ND		2.0	0.35	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2-Nitroaniline	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
2-Nitrophenol	ND		2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
3,3'-Dichlorobenzidine	ND		10	1.5	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
3 & 4 Methylphenol	ND	*1	2.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
3-Nitroaniline	ND		2.0	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4,6-Dinitro-2-methylphenol	ND		10	2.5	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4-Bromophenyl phenyl ether	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4-Chloro-3-methylphenol	ND		2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4-Chloroaniline	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4-Chlorophenyl phenyl ether	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4-Nitroaniline	ND	*1	2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
4-Nitrophenol	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Acenaphthene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Acenaphthylene	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Aniline	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Anthracene	ND	*1	2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Azobenzene	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzidine	ND	*	20	3.3	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzo[a]anthracene	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzo[a]pyrene	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzo[b]fluoranthene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzo[g,h,i]perylene	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzo[k]fluoranthene	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzoic acid	ND	*1	10	2.0	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Benzyl alcohol	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Bis(2-chloroethoxy)methane	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Bis(2-chloroethyl)ether	ND		10	1.6	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
bis (2-Chloroisopropyl) ether	ND	*1	2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Bis(2-ethylhexyl) phthalate	ND	*1	2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Butyl benzyl phthalate	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Chrysene	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:08	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		2.0	0.19	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Dibenzofuran	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Diethyl phthalate	ND	*1	2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Dimethyl phthalate	ND		2.0	0.45	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Di-n-butyl phthalate	ND	*1	2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Di-n-octyl phthalate	ND	*1	2.0	0.40	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Fluoranthene	ND	*1	2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Fluorene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Hexachloro-1,3-butadiene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Hexachlorobenzene	ND	*1	2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Hexachlorocyclopentadiene	ND		6.0	2.0	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Hexachloroethane	ND		2.0	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Indeno[1,2,3-cd]pyrene	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Isophorone	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Naphthalene	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Nitrobenzene	ND		8.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
N-Nitrosodiethylamine	ND		3.0	0.22	mg/Kg		08/05/20 09:31	08/18/20 17:37	1
N-Nitrosodimethylamine	ND		2.0	0.19	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
N-Nitrosodi-n-propylamine	ND		2.0	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
N-Nitrosodiphenylamine	ND	*1	2.0	0.55	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Pentachlorophenol	ND		10	1.5	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Phenanthrene	**2.1**	***1**	2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Phenol	ND		2.0	0.19	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Pyrene	ND		2.0	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:08	2
Pyridine	ND	*	2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 21:08	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Dodecane, 2,6,10-trimethyl-	*1.4*	*T J N*	*mg/Kg*		*5.65*	*3891-98-3*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Heptadecane, 2,6-dimethyl-	*3.8*	*T J N*	*mg/Kg*		*5.70*	*54105-67-8*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Tetradecane	*1.6*	*T J N*	*mg/Kg*		*5.78*	*629-59-4*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Tetradecane	*4.4*	*T J N*	*mg/Kg*		*5.82*	*629-59-4*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Tridecane, 7-hexyl-	*2.1*	*T J N*	*mg/Kg*		*6.11*	*7225-66-3*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Dodecane, 2-methyl-8-propyl-	*5.5*	*T J N*	*mg/Kg*		*6.16*	*55045-07-3*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Pentadecane	*2.4*	*T J N*	*mg/Kg*		*6.30*	*629-62-9*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Pentadecane	*6.2*	*T J N*	*mg/Kg*		*6.35*	*629-62-9*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Hexadecane	*3.0*	*T J N*	*mg/Kg*		*6.79*	*544-76-3*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Hexadecane	*7.5*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
2,6-Dimethyldecane	*3.5*	*T J N*	*mg/Kg*		*7.02*	*13150-81-7*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Pentadecane, 2,6,10-trimethyl-	*12*	*T J N*	*mg/Kg*		*7.07*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Heptadecane	*3.6*	*T J N*	*mg/Kg*		*7.25*	*629-78-7*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*9.1*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Heptadecane	*9.5*	*T J N*	*mg/Kg*		*7.30*	*629-78-7*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*24*	*T J N*	*mg/Kg*		*7.33*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Unknown	*1.7*	*T J*	*mg/Kg*		*7.45*		*08/05/20 09:31*	*08/18/20 17:37*	*1*
Unknown	*3.9*	*T J*	*mg/Kg*		*7.50*		*08/05/20 09:31*	*08/06/20 21:08*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*5.9*	*T J N*	*mg/Kg*		*7.74*	*638-36-8*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*16*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Benz[a]naphthalane, 2-hydroxy	*1.9*	*T J N*	*mg/Kg*		*8.00*	*1000126-78-5*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Anthrone	*4.5*	*T J N*	*mg/Kg*		*8.05*	*90-44-8*	*08/05/20 09:31*	*08/06/20 21:08*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Nonadecane	*5.9*	*T J N*	*mg/Kg*		*8.11*	*629-92-5*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Hexadecane	*4.5*	*T J N*	*mg/Kg*		*8.13*	*544-76-3*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Unknown	*1.8*	*T J*	*mg/Kg*		*8.44*		*08/05/20 09:31*	*08/18/20 17:37*	*1*
9-Methyl-Z-10-tetradecen-1-ol acetate	*5.1*	*T J N*	*mg/Kg*		*8.49*	*1000130-99-4*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Eicosane	*8.0*	*T J N*	*mg/Kg*		*8.51*	*112-95-8*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Dotriacontane	*21*	*T J N*	*mg/Kg*		*8.56*	*544-85-4*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*2.3*	*T J N*	*mg/Kg*		*8.80*	*638-36-8*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*6.7*	*T J N*	*mg/Kg*		*8.85*	*638-36-8*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Heneicosane	*5.5*	*T J N*	*mg/Kg*		*8.89*	*629-94-7*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Heneicosane	*15*	*T J N*	*mg/Kg*		*8.94*	*629-94-7*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Docosane	*3.5*	*T J N*	*mg/Kg*		*9.25*	*629-97-0*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Docosane	*7.1*	*T J N*	*mg/Kg*		*9.30*	*629-97-0*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Heneicosane	*1.6*	*T J N*	*mg/Kg*		*9.60*	*629-94-7*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Tricosane	*3.6*	*T J N*	*mg/Kg*		*9.65*	*638-67-5*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Tetracosane	*1.4*	*T J N*	*mg/Kg*		*9.95*	*646-31-1*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Cholestane	*2.1*	*T J N*	*mg/Kg*		*12.01*	*481-21-0*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Cholestane	*3.8*	*T J N*	*mg/Kg*		*12.09*	*481-21-0*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Cholestane	*3.3*	*T J N*	*mg/Kg*		*12.59*	*481-21-0*	*08/05/20 09:31*	*08/06/20 21:08*	*2*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*110*		*18 - 138*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
2,4,6-Tribromophenol (Surr)	*44*		*18 - 138*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
2-Fluorobiphenyl (Surr)	*73*		*27 - 120*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
2-Fluorobiphenyl (Surr)	*32*		*27 - 120*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
2-Fluorophenol (Surr)	*60*		*25 - 120*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
2-Fluorophenol (Surr)	*28*		*25 - 120*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Nitrobenzene-d5 (Surr)	*61*		*33 - 123*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Nitrobenzene-d5 (Surr)	*26*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
Phenol-d6 (Surr)	*61*		*26 - 122*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
Phenol-d6 (Surr)	*27*		*26 - 122*	*08/05/20 09:31*	*08/18/20 17:37*	*1*
p-Terphenyl-d14 (Surr)	*87*		*27 - 159*	*08/05/20 09:31*	*08/06/20 21:08*	*2*
p-Terphenyl-d14 (Surr)	*42*		*27 - 159*	*08/05/20 09:31*	*08/18/20 17:37*	*1*

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 17:56	1
1,3-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
1,4-Dichlorobenzene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
1-Methylnaphthalene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,4,5-Trichlorophenol	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,4-Dinitrophenol	ND		10	1.7	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2-Chloronaphthalene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2-Methylnaphthalene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
2-Nitrophenol	ND		2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
3-Nitroaniline	ND		2.5	0.35	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4-Bromophenyl phenyl ether	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4-Chloroaniline	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4-Nitroaniline	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Acenaphthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Anthracene	ND	*1	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzo[g,h,i]perylene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Bis(2-ethylhexyl) phthalate	ND	*1	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Chrysene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Dibenzofuran	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Dimethyl phthalate	ND		2.5	0.57	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Fluorene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Hexachloro-1,3-butadiene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Hexachlorocyclopentadiene	ND		7.5	2.5	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 21:27	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Naphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Nitrobenzene	ND		10	1.6	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 17:56	1
N-Nitrosodimethylamine	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
N-Nitrosodi-n-propylamine	ND		2.5	0.42	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
N-Nitrosodiphenylamine	ND	*1	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Phenanthrene	**2.9**	***1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 21:27	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:27	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Dodecane, 2,6,10-trimethyl-	*2.8*	*T J N*	*mg/Kg*		*6.16*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Pentadecane	*2.8*	*T J N*	*mg/Kg*		*6.35*	*629-62-9*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Hexadecane	*0.69*	*T J N*	*mg/Kg*		*6.79*	*544-76-3*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Hexadecane	*4.2*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Unknown	*1.3*	*T J*	*mg/Kg*		*7.02*		*08/05/20 09:31*	*08/18/20 17:56*	*1*
Pentadecane, 2,6,10-trimethyl-	*8.0*	*T J N*	*mg/Kg*		*7.07*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Heptadecane	*0.85*	*T J N*	*mg/Kg*		*7.25*	*629-78-7*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*3.1*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Heptadecane	*5.7*	*T J N*	*mg/Kg*		*7.31*	*629-78-7*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*19*	*T J N*	*mg/Kg*		*7.33*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Unknown	*0.58*	*T J*	*mg/Kg*		*7.45*		*08/05/20 09:31*	*08/18/20 17:56*	*1*
Tridecane	*3.3*	*T J N*	*mg/Kg*		*7.50*	*629-50-5*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*2.1*	*T J N*	*mg/Kg*		*7.74*	*638-36-8*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Anthrone	*0.88*	*T J N*	*mg/Kg*		*8.00*	*90-44-8*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Anthrone	*5.5*	*T J N*	*mg/Kg*		*8.05*	*90-44-8*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*0.82*	*T J N*	*mg/Kg*		*8.08*	*638-36-8*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Nonadecane	*2.2*	*T J N*	*mg/Kg*		*8.11*	*629-92-5*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*4.1*	*T J N*	*mg/Kg*		*8.13*	*638-36-8*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Unknown	*0.53*	*T J*	*mg/Kg*		*8.15*		*08/05/20 09:31*	*08/18/20 17:56*	*1*
Nonadecane	*11*	*T J N*	*mg/Kg*		*8.16*	*629-92-5*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Anthracene, 1-methyl-	*0.79*	*T J N*	*mg/Kg*		*8.30*	*610-48-0*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Anthracene, 1-methyl-	*0.92*	*T J N*	*mg/Kg*		*8.33*	*610-48-0*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Unknown	*0.72*	*T J*	*mg/Kg*		*8.44*		*08/05/20 09:31*	*08/18/20 17:56*	*1*
Unknown	*2.3*	*T J*	*mg/Kg*		*8.47*		*08/05/20 09:31*	*08/06/20 21:27*	*5*
9-Methyl-Z-10-tetradecen-1-ol acetate	*4.7*	*T J N*	*mg/Kg*		*8.49*	*1000130-99-4*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Eicosane	*2.6*	*T J N*	*mg/Kg*		*8.51*	*112-95-8*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Eicosane	*16*	*T J N*	*mg/Kg*		*8.56*	*112-95-8*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Pentadecane, 2,6,10-trimethyl-	*0.92*	*T J N*	*mg/Kg*		*8.80*	*3892-00-0*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Nonadecane, 3-methyl-	*5.7*	*T J N*	*mg/Kg*		*8.85*	*6418-45-7*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Heneicosane	*1.8*	*T J N*	*mg/Kg*		*8.89*	*629-94-7*	*08/05/20 09:31*	*08/18/20 17:56*	*1*
Heneicosane	*11*	*T J N*	*mg/Kg*		*8.94*	*629-94-7*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
E-9-Methyl-8-tridecen-2-ol, acetate	*3.0*	*T J N*	*mg/Kg*		*9.06*	*1000131-35-6*	*08/05/20 09:31*	*08/06/20 21:27*	*5*
Docosane	*1.1*	*T J N*	*mg/Kg*		*9.25*	*629-97-0*	*08/05/20 09:31*	*08/18/20 17:56*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Docosane	5.6	T J N	mg/Kg		9.30	629-97-0	08/05/20 09:31	08/06/20 21:27	5
Hexadecane, 2-methyl-	0.57	T J N	mg/Kg		9.60	1560-92-5	08/05/20 09:31	08/18/20 17:56	1
Octadecane, 1-chloro-	3.1	T J N	mg/Kg		9.65	3386-33-2	08/05/20 09:31	08/06/20 21:27	5
Tetracosane	2.3	T J N	mg/Kg		10.01	646-31-1	08/05/20 09:31	08/06/20 21:27	5
Cholestane	0.78	T J N	mg/Kg		12.01	481-21-0	08/05/20 09:31	08/18/20 17:56	1
Cholestane	2.7	T J N	mg/Kg		12.09	481-21-0	08/05/20 09:31	08/06/20 21:27	5
Unknown	0.50	T J	mg/Kg		12.50		08/05/20 09:31	08/18/20 17:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	104		18 - 138	08/05/20 09:31	08/06/20 21:27	5
2,4,6-Tribromophenol (Surr)	17	X	18 - 138	08/05/20 09:31	08/18/20 17:56	1
2-Fluorobiphenyl (Surr)	66		27 - 120	08/05/20 09:31	08/06/20 21:27	5
2-Fluorobiphenyl (Surr)	13	X	27 - 120	08/05/20 09:31	08/18/20 17:56	1
2-Fluorophenol (Surr)	56		25 - 120	08/05/20 09:31	08/06/20 21:27	5
2-Fluorophenol (Surr)	11	X	25 - 120	08/05/20 09:31	08/18/20 17:56	1
Nitrobenzene-d5 (Surr)	56		33 - 123	08/05/20 09:31	08/06/20 21:27	5
Nitrobenzene-d5 (Surr)	10	X	33 - 123	08/05/20 09:31	08/18/20 17:56	1
Phenol-d6 (Surr)	54		26 - 122	08/05/20 09:31	08/06/20 21:27	5
Phenol-d6 (Surr)	10	X	26 - 122	08/05/20 09:31	08/18/20 17:56	1
p-Terphenyl-d14 (Surr)	81		27 - 159	08/05/20 09:31	08/06/20 21:27	5
p-Terphenyl-d14 (Surr)	16	X	27 - 159	08/05/20 09:31	08/18/20 17:56	1

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 18:14	1
1,3-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
1,4-Dichlorobenzene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
1-Methylnaphthalene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,4,5-Trichlorophenol	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,4-Dinitrophenol	ND		10	1.7	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2-Chloronaphthalene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2-Methylnaphthalene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
2-Nitrophenol	ND		2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
3-Nitroaniline	ND		2.5	0.35	mg/Kg		08/05/20 09:31	08/06/20 21:45	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
4-Bromophenyl phenyl ether	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
4-Chloroaniline	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
4-Nitroaniline	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Acenaphthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Anthracene	ND	*1	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzo[g,h,i]perylene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Bis(2-ethylhexyl) phthalate	**0.71**	**J *1**	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Chrysene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Dibenzofuran	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Dimethyl phthalate	ND		2.5	0.57	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Fluorene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Hexachloro-1,3-butadiene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Hexachlorocyclopentadiene	ND		7.5	2.5	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Indeno[1,2,3-cd]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Naphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Nitrobenzene	ND		10	1.6	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 18:14	1
N-Nitrosodimethylamine	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
N-Nitrosodi-n-propylamine	ND		2.5	0.42	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
N-Nitrosodiphenylamine	ND	*1	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Phenanthrene	**2.4**	**J *1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 21:45	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 21:45	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 21:45	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*1.0*	*T J*	*mg/Kg*		*6.11*		*08/05/20 09:31*	*08/18/20 18:14*	*1*
Dodecane, 2-methyl-8-propyl-	*6.6*	*T J N*	*mg/Kg*		*6.16*	*55045-07-3*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Pentadecane	*1.0*	*T J N*	*mg/Kg*		*6.30*	*629-62-9*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Pentadecane	*6.5*	*T J N*	*mg/Kg*		*6.35*	*629-62-9*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Hexadecane	*1.6*	*T J N*	*mg/Kg*		*6.79*	*544-76-3*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Hexadecane	*11*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Pentadecane, 2,6,10-trimethyl-	*2.5*	*T J N*	*mg/Kg*		*7.02*	*3892-00-0*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Pentadecane, 2,6,10-trimethyl-	*21*	*T J N*	*mg/Kg*		*7.07*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Heptadecane	*2.6*	*T J N*	*mg/Kg*		*7.26*	*629-78-7*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*7.2*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Heptadecane	*16*	*T J N*	*mg/Kg*		*7.31*	*629-78-7*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*41*	*T J N*	*mg/Kg*		*7.34*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Tetradecane	*1.6*	*T J N*	*mg/Kg*		*7.45*	*629-59-4*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Tetradecane	*8.8*	*T J N*	*mg/Kg*		*7.50*	*629-59-4*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*30*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Benz[a]naphthalane, 2-hydroxy	*1.4*	*T J N*	*mg/Kg*		*8.00*	*1000126-78-5*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Unknown	*5.9*	*T J*	*mg/Kg*		*8.01*		*08/05/20 09:31*	*08/06/20 21:45*	*5*
Anthrone	*7.2*	*T J N*	*mg/Kg*		*8.05*	*90-44-8*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Octadecane, 3-methyl-	*1.5*	*T J N*	*mg/Kg*		*8.09*	*6561-44-0*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Pentacosane	*6.7*	*T J N*	*mg/Kg*		*8.11*	*629-99-2*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Dodecane, 2,6,10-trimethyl-	*12*	*T J N*	*mg/Kg*		*8.13*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Nonadecane	*39*	*T J N*	*mg/Kg*		*8.17*	*629-92-5*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Unknown	*1.6*	*T J*	*mg/Kg*		*8.44*		*08/05/20 09:31*	*08/18/20 18:14*	*1*
Cyclotetradecane, 1,7,11-trimethyl-4-(1-methylethyl)-	*9.6*	*T J N*	*mg/Kg*		*8.50*	*1786-12-5*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Docosane	*9.5*	*T J N*	*mg/Kg*		*8.51*	*629-97-0*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Pentacosane	*54*	*T J N*	*mg/Kg*		*8.56*	*629-99-2*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*2.2*	*T J N*	*mg/Kg*		*8.80*	*638-36-8*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*14*	*T J N*	*mg/Kg*		*8.86*	*638-36-8*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Heneicosane	*6.1*	*T J N*	*mg/Kg*		*8.89*	*629-94-7*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Nonacosane	*35*	*T J N*	*mg/Kg*		*8.94*	*630-03-5*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
E-9-Methyl-8-tridecen-2-ol, acetate	*0.99*	*T J N*	*mg/Kg*		*9.01*	*1000131-35-6*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*7.0*	*T J N*	*mg/Kg*		*9.06*	*638-36-8*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Docosane	*3.7*	*T J N*	*mg/Kg*		*9.25*	*629-97-0*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Docosane	*20*	*T J N*	*mg/Kg*		*9.31*	*629-97-0*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Tricosane	*1.9*	*T J N*	*mg/Kg*		*9.60*	*638-67-5*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Tricosane	*12*	*T J N*	*mg/Kg*		*9.65*	*638-67-5*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Nonadecane, 1-chloro-	*1.5*	*T J N*	*mg/Kg*		*9.95*	*62016-76-6*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Tetracosane	*8.0*	*T J N*	*mg/Kg*		*10.01*	*646-31-1*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Pentacosane	*1.0*	*T J N*	*mg/Kg*		*10.31*	*629-99-2*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Cholestane	*0.98*	*T J N*	*mg/Kg*		*12.01*	*481-21-0*	*08/05/20 09:31*	*08/18/20 18:14*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*18 - 138*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
2,4,6-Tribromophenol (Surr)	*15*	*X*	*18 - 138*	*08/05/20 09:31*	*08/18/20 18:14*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*27 - 120*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
2-Fluorobiphenyl (Surr)	*13*	*X*	*27 - 120*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
2-Fluorophenol (Surr)	*58*		*25 - 120*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
2-Fluorophenol (Surr)	*11*	*X*	*25 - 120*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Nitrobenzene-d5 (Surr)	*61*		*33 - 123*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Nitrobenzene-d5 (Surr)	*10*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
Phenol-d6 (Surr)	*57*		*26 - 122*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
Phenol-d6 (Surr)	*10*	*X*	*26 - 122*	*08/05/20 09:31*	*08/18/20 18:14*	*1*
p-Terphenyl-d14 (Surr)	*81*		*27 - 159*	*08/05/20 09:31*	*08/06/20 21:45*	*5*
p-Terphenyl-d14 (Surr)	*16*	*X*	*27 - 159*	*08/05/20 09:31*	*08/18/20 18:14*	*1*

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
1,2-Dichlorobenzene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 18:32	1
1,3-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
1,4-Dichlorobenzene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
1-Methylnaphthalene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,4,5-Trichlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,4,6-Trichlorophenol	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,4-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,4-Dimethylphenol	ND		0.99	0.53	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,4-Dinitrophenol	ND		4.0	0.67	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,4-Dinitrotoluene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,6-Dichlorophenol	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2,6-Dinitrotoluene	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2-Chloronaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2-Chlorophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2-Methylnaphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2-Methylphenol	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2-Nitroaniline	ND		0.99	0.10	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
2-Nitrophenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
3,3'-Dichlorobenzidine	ND		5.0	0.72	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
3 & 4 Methylphenol	ND	*1	0.99	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
3-Nitroaniline	ND		0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4-Bromophenyl phenyl ether	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4-Chloro-3-methylphenol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4-Chloroaniline	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4-Chlorophenyl phenyl ether	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4-Nitroaniline	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
4-Nitrophenol	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Acenaphthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Acenaphthylene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Aniline	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Anthracene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Azobenzene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzidine	ND	*	9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzo[a]anthracene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzo[a]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzo[b]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzo[g,h,i]perylene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzo[k]fluoranthene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzoic acid	ND	*1	5.0	0.98	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Benzyl alcohol	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Bis(2-chloroethoxy)methane	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
bis (2-Chloroisopropyl) ether	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Bis(2-ethylhexyl) phthalate	ND	*1	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Butyl benzyl phthalate	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Chrysene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Dibenz(a,h)anthracene	ND		0.99	0.092	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Dibenzofuran	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Diethyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Dimethyl phthalate	ND		0.99	0.22	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Di-n-butyl phthalate	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Di-n-octyl phthalate	ND	*1	0.99	0.20	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Fluoranthene	ND	*1	0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Fluorene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Hexachloro-1,3-butadiene	ND		0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Hexachlorobenzene	ND	*1	0.99	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Hexachloroethane	ND		0.99	0.16	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Indeno[1,2,3-cd]pyrene	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Isophorone	ND		0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Naphthalene	ND		0.99	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Nitrobenzene	ND		4.0	0.64	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 18:32	1
N-Nitrosodimethylamine	ND		0.99	0.093	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
N-Nitrosodi-n-propylamine	ND		0.99	0.17	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
N-Nitrosodiphenylamine	ND	*1	0.99	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Phenanthrene	**0.60**	**J *1**	0.99	0.14	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Phenol	ND		0.99	0.095	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Pyrene	ND		0.99	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:03	2
Pyridine	ND	*	0.99	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:03	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tridecane, 7-methyl-	*1.9*	*T J N*	*mg/Kg*		*5.05*	*26730-14-3*	*08/05/20 09:31*	*08/18/20 18:32*	*1*
Octane, 3,6-dimethyl-	*4.7*	*T J N*	*mg/Kg*		*5.10*	*15869-94-0*	*08/05/20 09:31*	*08/06/20 22:03*	*2*
Tridecane	*1.5*	*T J N*	*mg/Kg*		*5.21*	*629-50-5*	*08/05/20 09:31*	*08/18/20 18:32*	*1*
Tridecane	*3.7*	*T J N*	*mg/Kg*		*5.26*	*629-50-5*	*08/05/20 09:31*	*08/06/20 22:03*	*2*
Dodecane, 2,6,10-trimethyl-	*2.4*	*T J N*	*mg/Kg*		*5.65*	*3891-98-3*	*08/05/20 09:31*	*08/18/20 18:32*	*1*
Nonane, 3,7-dimethyl-	*5.5*	*T J N*	*mg/Kg*		*5.70*	*17302-32-8*	*08/05/20 09:31*	*08/06/20 22:03*	*2*
Tetradecane	*2.9*	*T J N*	*mg/Kg*		*5.78*	*629-59-4*	*08/05/20 09:31*	*08/18/20 18:32*	*1*
Tetradecane	*6.2*	*T J N*	*mg/Kg*		*5.82*	*629-59-4*	*08/05/20 09:31*	*08/06/20 22:03*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tridecane	3.7	T J N	mg/Kg		6.11	629-50-5	08/05/20 09:31	08/18/20 18:32	1
Hexadecane	8.7	T J N	mg/Kg		6.16	544-76-3	08/05/20 09:31	08/06/20 22:03	2
Pentadecane	4.2	T J N	mg/Kg		6.30	629-62-9	08/05/20 09:31	08/18/20 18:32	1
Pentadecane	9.5	T J N	mg/Kg		6.35	629-62-9	08/05/20 09:31	08/06/20 22:03	2
Tetradecane, 2,6,10-trimethyl-	3.1	T J N	mg/Kg		6.62	14905-56-7	08/05/20 09:31	08/06/20 22:03	2
Hexadecane	3.5	T J N	mg/Kg		6.79	544-76-3	08/05/20 09:31	08/18/20 18:32	1
Hexadecane	10	T J N	mg/Kg		6.84	544-76-3	08/05/20 09:31	08/06/20 22:03	2
Heptadecane	5.6	T J N	mg/Kg		7.26	629-78-7	08/05/20 09:31	08/18/20 18:32	1
Pentadecane, 2,6,10,14-tetramethyl-	12	T J N	mg/Kg		7.29	1921-70-6	08/05/20 09:31	08/18/20 18:32	1
Heptadecane	13	T J N	mg/Kg		7.31	629-78-7	08/05/20 09:31	08/06/20 22:03	2
Pentadecane, 2,6,10,14-tetramethyl-	27	T J N	mg/Kg		7.34	1921-70-6	08/05/20 09:31	08/06/20 22:03	2
Hexadecane, 2,6,10,14-tetramethyl-	7.5	T J N	mg/Kg		7.74	638-36-8	08/05/20 09:31	08/18/20 18:32	1
Hexadecane, 2,6,10,14-tetramethyl-	17	T J N	mg/Kg		7.79	638-36-8	08/05/20 09:31	08/06/20 22:03	2
Oxirane, hexadecyl-	3.9	T J N	mg/Kg		8.01	7390-81-0	08/05/20 09:31	08/06/20 22:03	2
Nonadecane	9.5	T J N	mg/Kg		8.12	629-92-5	08/05/20 09:31	08/18/20 18:32	1
Decane, 1-iodo-	7.0	T J N	mg/Kg		8.14	2050-77-3	08/05/20 09:31	08/06/20 22:03	2
2-Dodecen-1-yl(-)succinic anhydride	2.1	T J N	mg/Kg		8.32	19780-11-1	08/05/20 09:31	08/18/20 18:32	1
Unknown	1.5	T J	mg/Kg		8.37		08/05/20 09:31	08/18/20 18:32	1
9-Methyl-Z-10-tetradecen-1-ol acetate	2.1	T J N	mg/Kg		8.44	1000130-99-4	08/05/20 09:31	08/18/20 18:32	1
Cyclotetradecane, 1,7,11-trimethyl-4-(1-methylethyl)-	5.1	T J N	mg/Kg		8.50	1786-12-5	08/05/20 09:31	08/06/20 22:03	2
Docosane	11	T J N	mg/Kg		8.51	629-97-0	08/05/20 09:31	08/18/20 18:32	1
Eicosane	26	T J N	mg/Kg		8.56	112-95-8	08/05/20 09:31	08/06/20 22:03	2
Hexadecane, 2,6,10,14-tetramethyl-	2.3	T J N	mg/Kg		8.80	638-36-8	08/05/20 09:31	08/18/20 18:32	1
1-Iodo-2-methylundecane	6.0	T J N	mg/Kg		8.86	73105-67-6	08/05/20 09:31	08/06/20 22:03	2
Heneicosane	7.3	T J N	mg/Kg		8.89	629-94-7	08/05/20 09:31	08/18/20 18:32	1
Dotriacontane	18	T J N	mg/Kg		8.94	544-85-4	08/05/20 09:31	08/06/20 22:03	2
Docosane	4.0	T J N	mg/Kg		9.25	629-97-0	08/05/20 09:31	08/18/20 18:32	1
Nonacosane	8.0	T J N	mg/Kg		9.31	630-03-5	08/05/20 09:31	08/06/20 22:03	2
Tricosane	2.0	T J N	mg/Kg		9.60	638-67-5	08/05/20 09:31	08/18/20 18:32	1
Tricosane	4.6	T J N	mg/Kg		9.65	638-67-5	08/05/20 09:31	08/06/20 22:03	2
Docosane	1.4	T J N	mg/Kg		9.95	629-97-0	08/05/20 09:31	08/18/20 18:32	1
Nonadecane, 1-chloro-	3.3	T J N	mg/Kg		10.01	62016-76-6	08/05/20 09:31	08/06/20 22:03	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	104		18 - 138	08/05/20 09:31	08/06/20 22:03	2
2,4,6-Tribromophenol (Surr)	39		18 - 138	08/05/20 09:31	08/18/20 18:32	1
2-Fluorobiphenyl (Surr)	69		27 - 120	08/05/20 09:31	08/06/20 22:03	2
2-Fluorobiphenyl (Surr)	32		27 - 120	08/05/20 09:31	08/18/20 18:32	1
2-Fluorophenol (Surr)	59		25 - 120	08/05/20 09:31	08/06/20 22:03	2
2-Fluorophenol (Surr)	28		25 - 120	08/05/20 09:31	08/18/20 18:32	1
Nitrobenzene-d5 (Surr)	59		33 - 123	08/05/20 09:31	08/06/20 22:03	2
Nitrobenzene-d5 (Surr)	27	X	33 - 123	08/05/20 09:31	08/18/20 18:32	1
Phenol-d6 (Surr)	57		26 - 122	08/05/20 09:31	08/06/20 22:03	2
Phenol-d6 (Surr)	25	X	26 - 122	08/05/20 09:31	08/18/20 18:32	1
p-Terphenyl-d14 (Surr)	84		27 - 159	08/05/20 09:31	08/06/20 22:03	2
p-Terphenyl-d14 (Surr)	42		27 - 159	08/05/20 09:31	08/18/20 18:32	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
1,2-Dichlorobenzene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 18:51	1
1,3-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
1,4-Dichlorobenzene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
1-Methylnaphthalene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,4,5-Trichlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,4,6-Trichlorophenol	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,4-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,4-Dimethylphenol	ND		1.0	0.53	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,4-Dinitrophenol	ND		4.0	0.68	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,4-Dinitrotoluene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,6-Dichlorophenol	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2,6-Dinitrotoluene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2-Chloronaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2-Chlorophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2-Methylnaphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2-Methylphenol	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2-Nitroaniline	ND		1.0	0.10	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
2-Nitrophenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
3,3'-Dichlorobenzidine	ND		5.0	0.73	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
3 & 4 Methylphenol	ND	*1	1.0	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
3-Nitroaniline	ND		1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4,6-Dinitro-2-methylphenol	ND		5.0	1.3	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4-Bromophenyl phenyl ether	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4-Chloro-3-methylphenol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4-Chloroaniline	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4-Chlorophenyl phenyl ether	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4-Nitroaniline	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
4-Nitrophenol	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Acenaphthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Acenaphthylene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Aniline	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Anthracene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Azobenzene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzidine	ND	*	10	1.6	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzo[a]anthracene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzo[a]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzo[b]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzo[g,h,i]perylene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzo[k]fluoranthene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzoic acid	ND	*1	5.0	0.99	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Benzyl alcohol	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Bis(2-chloroethoxy)methane	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Bis(2-chloroethyl)ether	ND		5.0	0.81	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
bis (2-Chloroisopropyl) ether	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Bis(2-ethylhexyl) phthalate	ND	*1	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Butyl benzyl phthalate	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Chrysene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		1.0	0.093	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Dibenzofuran	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Diethyl phthalate	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Dimethyl phthalate	ND		1.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Di-n-butyl phthalate	**0.13**	**J *1**	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Di-n-octyl phthalate	ND	*1	1.0	0.20	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Fluoranthene	ND	*1	1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Fluorene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Hexachloro-1,3-butadiene	ND		1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Hexachlorobenzene	ND	*1	1.0	0.13	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Hexachlorocyclopentadiene	ND		3.0	1.0	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Hexachloroethane	ND		1.0	0.16	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Indeno[1,2,3-cd]pyrene	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Isophorone	ND		1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Naphthalene	ND		1.0	0.12	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Nitrobenzene	ND		4.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 18:51	1
N-Nitrosodimethylamine	ND		1.0	0.094	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
N-Nitrosodi-n-propylamine	ND		1.0	0.17	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
N-Nitrosodiphenylamine	ND	*1	1.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Pentachlorophenol	ND		5.0	0.77	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Phenanthrene	**0.14**	**J *1**	1.0	0.14	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Phenol	ND		1.0	0.096	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Pyrene	ND		1.0	0.15	mg/Kg		08/05/20 09:31	08/06/20 22:22	2
Pyridine	ND	*	1.0	0.11	mg/Kg		08/05/20 09:31	08/06/20 22:22	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tridecane, 7-methyl-	*0.79*	*T J N*	*mg/Kg*		*5.05*	*26730-14-3*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Unknown	*2.1*	*T J*	*mg/Kg*		*5.10*		*08/05/20 09:31*	*08/06/20 22:22*	*2*
Dodecane, 4,6-dimethyl-	*0.95*	*T J N*	*mg/Kg*		*5.65*	*61141-72-8*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Dodecane, 2,6,11-trimethyl-	*2.6*	*T J N*	*mg/Kg*		*5.70*	*31295-56-4*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Tetradecane	*1.0*	*T J N*	*mg/Kg*		*5.78*	*629-59-4*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Tetradecane	*2.8*	*T J N*	*mg/Kg*		*5.82*	*629-59-4*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Dodecane, 4,6-dimethyl-	*1.5*	*T J N*	*mg/Kg*		*6.11*	*61141-72-8*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Dodecane, 4,6-dimethyl-	*4.1*	*T J N*	*mg/Kg*		*6.16*	*61141-72-8*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Pentadecane	*1.5*	*T J N*	*mg/Kg*		*6.30*	*629-62-9*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Pentadecane	*4.1*	*T J N*	*mg/Kg*		*6.35*	*629-62-9*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Hexadecane	*1.5*	*T J N*	*mg/Kg*		*6.79*	*544-76-3*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Hexadecane	*4.8*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Unknown	*1.9*	*T J*	*mg/Kg*		*7.02*		*08/05/20 09:31*	*08/18/20 18:51*	*1*
Pentadecane, 2,6,10-trimethyl-	*6.7*	*T J N*	*mg/Kg*		*7.07*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Heptadecane	*2.2*	*T J N*	*mg/Kg*		*7.25*	*629-78-7*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*5.1*	*T J N*	*mg/Kg*		*7.28*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Heptadecane	*5.6*	*T J N*	*mg/Kg*		*7.31*	*629-78-7*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*13*	*T J N*	*mg/Kg*		*7.34*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*3.2*	*T J N*	*mg/Kg*		*7.74*	*638-36-8*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*8.1*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 22:22*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*1.5*	*T J N*	*mg/Kg*		*8.09*	*638-36-8*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Nonadecane	*3.7*	*T J N*	*mg/Kg*		*8.11*	*629-92-5*	*08/05/20 09:31*	*08/18/20 18:51*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*3.3*	*T J N*	*mg/Kg*		*8.13*	*638-36-8*	*08/05/20 09:31*	*08/06/20 22:22*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tricosane	9.5	T J N	mg/Kg		8.16	638-67-5	08/05/20 09:31	08/06/20 22:22	2
2-Dodecen-1-yl(-)succinic anhydride	1.0	T J N	mg/Kg		8.32	19780-11-1	08/05/20 09:31	08/18/20 18:51	1
2-Dodecen-1-yl(-)succinic anhydride	2.9	T J N	mg/Kg		8.37	19780-11-1	08/05/20 09:31	08/06/20 22:22	2
2-Dodecen-1-yl(-)succinic anhydride	0.99	T J N	mg/Kg		8.44	19780-11-1	08/05/20 09:31	08/18/20 18:51	1
Cyclotetradecane, 1,7,11-trimethyl-4-(1-methylethyl)-	1.9	T J N	mg/Kg		8.45	1786-12-5	08/05/20 09:31	08/06/20 22:22	2
1-Heneicosanol	2.9	T J N	mg/Kg		8.49	15594-90-8	08/05/20 09:31	08/06/20 22:22	2
Eicosane	4.4	T J N	mg/Kg		8.51	112-95-8	08/05/20 09:31	08/18/20 18:51	1
Heptacosane	12	T J N	mg/Kg		8.56	593-49-7	08/05/20 09:31	08/06/20 22:22	2
Hexadecane, 2,6,10,14-tetramethyl-	1.0	T J N	mg/Kg		8.80	638-36-8	08/05/20 09:31	08/18/20 18:51	1
E-9-Methyl-8-tridecen-2-ol, acetate	3.1	T J N	mg/Kg		8.85	1000131-35-6	08/05/20 09:31	08/06/20 22:22	2
Heneicosane	3.1	T J N	mg/Kg		8.89	629-94-7	08/05/20 09:31	08/18/20 18:51	1
Heneicosane	8.4	T J N	mg/Kg		8.94	629-94-7	08/05/20 09:31	08/06/20 22:22	2
Docosane	1.7	T J N	mg/Kg		9.25	629-97-0	08/05/20 09:31	08/18/20 18:51	1
Docosane	3.7	T J N	mg/Kg		9.30	629-97-0	08/05/20 09:31	08/06/20 22:22	2
Tricosane	0.86	T J N	mg/Kg		9.60	638-67-5	08/05/20 09:31	08/18/20 18:51	1
Tricosane	2.2	T J N	mg/Kg		9.65	638-67-5	08/05/20 09:31	08/06/20 22:22	2
Unknown	0.71	T J	mg/Kg		12.50		08/05/20 09:31	08/18/20 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	104		18 - 138	08/05/20 09:31	08/06/20 22:22	2
2,4,6-Tribromophenol (Surr)	38		18 - 138	08/05/20 09:31	08/18/20 18:51	1
2-Fluorobiphenyl (Surr)	65		27 - 120	08/05/20 09:31	08/06/20 22:22	2
2-Fluorobiphenyl (Surr)	29		27 - 120	08/05/20 09:31	08/18/20 18:51	1
2-Fluorophenol (Surr)	61		25 - 120	08/05/20 09:31	08/06/20 22:22	2
2-Fluorophenol (Surr)	28		25 - 120	08/05/20 09:31	08/18/20 18:51	1
Nitrobenzene-d5 (Surr)	61		33 - 123	08/05/20 09:31	08/06/20 22:22	2
Nitrobenzene-d5 (Surr)	25	X	33 - 123	08/05/20 09:31	08/18/20 18:51	1
Phenol-d6 (Surr)	58		26 - 122	08/05/20 09:31	08/06/20 22:22	2
Phenol-d6 (Surr)	26		26 - 122	08/05/20 09:31	08/18/20 18:51	1
p-Terphenyl-d14 (Surr)	87		27 - 159	08/05/20 09:31	08/06/20 22:22	2
p-Terphenyl-d14 (Surr)	41		27 - 159	08/05/20 09:31	08/18/20 18:51	1

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 19:09	1
1,3-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
1,4-Dichlorobenzene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
1-Methylnaphthalene	**18**		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,4,5-Trichlorophenol	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,4-Dinitrophenol	ND		10	1.7	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:40	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2-Chloronaphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2-Methylnaphthalene	**35**		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
2-Nitrophenol	ND		2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
3-Nitroaniline	ND		2.5	0.35	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4-Bromophenyl phenyl ether	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4-Chloroaniline	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4-Nitroaniline	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Acenaphthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Anthracene	**0.92**	**J *1**	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzo[g,h,i]perylene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Bis(2-ethylhexyl) phthalate	ND	*1	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Chrysene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Dibenzofuran	**1.5**	**J**	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Dimethyl phthalate	ND		2.5	0.57	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Fluorene	**11**		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Hexachloro-1,3-butadiene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Hexachlorocyclopentadiene	ND		7.5	2.5	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 22:40	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Naphthalene	**9.1**		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Nitrobenzene	ND		10	1.6	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 19:09	1
N-Nitrosodimethylamine	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
N-Nitrosodi-n-propylamine	ND		2.5	0.42	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
N-Nitrosodiphenylamine	ND	*1	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Phenanthrene	**16**	***1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 22:40	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:40	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane, 2,6-dimethyl-	*26*	*T J N*	*mg/Kg*		*4.73*	*17301-23-4*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Heptadecane, 2,6-dimethyl-	*7.2*	*T J N*	*mg/Kg*		*5.05*	*54105-67-8*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Tridecane, 7-methyl-	*40*	*T J N*	*mg/Kg*		*5.10*	*26730-14-3*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Tridecane	*10*	*T J N*	*mg/Kg*		*5.21*	*629-50-5*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Tridecane	*56*	*T J N*	*mg/Kg*		*5.26*	*629-50-5*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*10*	*T J N*	*mg/Kg*		*5.66*	*638-36-8*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Dodecane, 2,6,10-trimethyl-	*52*	*T J N*	*mg/Kg*		*5.71*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Tetradecane	*16*	*T J N*	*mg/Kg*		*5.78*	*629-59-4*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Tetradecane	*80*	*T J N*	*mg/Kg*		*5.83*	*629-59-4*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Naphthalene, 2,7-dimethyl-	*6.4*	*T J N*	*mg/Kg*		*5.94*	*582-16-1*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Naphthalene, 2,7-dimethyl-	*28*	*T J N*	*mg/Kg*		*5.99*	*582-16-1*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Naphthalene, 1,5-dimethyl-	*6.8*	*T J N*	*mg/Kg*		*6.03*	*571-61-9*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Naphthalene, 1,6-dimethyl-	*5.5*	*T J N*	*mg/Kg*		*6.05*	*575-43-9*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Naphthalene, 1,6-dimethyl-	*31*	*T J N*	*mg/Kg*		*6.07*	*575-43-9*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Decane, 5-propyl-	*7.5*	*T J N*	*mg/Kg*		*6.11*	*17312-62-8*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Eicosane	*52*	*T J N*	*mg/Kg*		*6.17*	*112-95-8*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Pentadecane	*11*	*T J N*	*mg/Kg*		*6.30*	*629-62-9*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Pentadecane	*76*	*T J N*	*mg/Kg*		*6.36*	*629-62-9*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Hexadecane	*11*	*T J N*	*mg/Kg*		*6.80*	*544-76-3*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Hexadecane	*73*	*T J N*	*mg/Kg*		*6.85*	*544-76-3*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Pentadecane, 2,6,10-trimethyl-	*69*	*T J N*	*mg/Kg*		*7.08*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Heptadecane	*13*	*T J N*	*mg/Kg*		*7.26*	*629-78-7*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*27*	*T J N*	*mg/Kg*		*7.29*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Heptadecane	*52*	*T J N*	*mg/Kg*		*7.32*	*629-78-7*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*99*	*T J N*	*mg/Kg*		*7.35*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
9H-Fluorene, 2-methyl-	*6.0*	*T J N*	*mg/Kg*		*7.47*	*1430-97-3*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
9H-Fluorene, 1-methyl-	*26*	*T J N*	*mg/Kg*		*7.52*	*1730-37-6*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Dodecane, 2,6,10-trimethyl-	*15*	*T J N*	*mg/Kg*		*7.75*	*3891-98-3*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*6.3*	*T J N*	*mg/Kg*		*8.09*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Nonadecane	*20*	*T J N*	*mg/Kg*		*8.12*	*629-92-5*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Nonadecane	*81*	*T J N*	*mg/Kg*		*8.17*	*629-92-5*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
1H-Cyclopropa[l]phenanthrene,1a,9b -dihydro-	*5.5*	*T J N*	*mg/Kg*		*8.34*	*949-41-7*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Anthracene, 2-methyl-	*27*	*T J N*	*mg/Kg*		*8.39*	*613-12-7*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Unknown	*31*	*T J*	*mg/Kg*		*8.50*		*08/05/20 09:31*	*08/06/20 22:40*	*5*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Docosane	*23*	*T J N*	*mg/Kg*		*8.52*	*629-97-0*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Eicosane	*100*	*T J N*	*mg/Kg*		*8.57*	*112-95-8*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Tricosane	*16*	*T J N*	*mg/Kg*		*8.89*	*638-67-5*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Heptacosane	*61*	*T J N*	*mg/Kg*		*8.95*	*593-49-7*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Docosane	*7.7*	*T J N*	*mg/Kg*		*9.26*	*629-97-0*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Docosane	*43*	*T J N*	*mg/Kg*		*9.31*	*629-97-0*	*08/05/20 09:31*	*08/06/20 22:40*	*5*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*18 - 138*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
2,4,6-Tribromophenol (Surr)	*13*	*X*	*18 - 138*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
2-Fluorobiphenyl (Surr)	*66*		*27 - 120*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
2-Fluorobiphenyl (Surr)	*15*	*X*	*27 - 120*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
2-Fluorophenol (Surr)	*56*		*25 - 120*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
2-Fluorophenol (Surr)	*10*	*X*	*25 - 120*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Nitrobenzene-d5 (Surr)	*59*		*33 - 123*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Nitrobenzene-d5 (Surr)	*9*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
Phenol-d6 (Surr)	*57*		*26 - 122*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
Phenol-d6 (Surr)	*9*	*X*	*26 - 122*	*08/05/20 09:31*	*08/18/20 19:09*	*1*
p-Terphenyl-d14 (Surr)	*77*		*27 - 159*	*08/05/20 09:31*	*08/06/20 22:40*	*5*
p-Terphenyl-d14 (Surr)	*14*	*X*	*27 - 159*	*08/05/20 09:31*	*08/18/20 19:09*	*1*

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
1,2-Dichlorobenzene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
1,2-Diphenylhydrazine	ND		0.99	0.22	mg/Kg		08/05/20 09:31	08/18/20 19:27	1
1,3-Dichlorobenzene	ND		2.0	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
1,4-Dichlorobenzene	ND		2.0	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
1-Methylnaphthalene	**19**		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,4,5-Trichlorophenol	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,4,6-Trichlorophenol	ND		2.0	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,4-Dichlorophenol	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,4-Dimethylphenol	ND		2.0	1.1	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,4-Dinitrophenol	ND		7.9	1.3	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,4-Dinitrotoluene	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,6-Dichlorophenol	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2,6-Dinitrotoluene	ND		2.0	0.29	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2-Chloronaphthalene	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2-Chlorophenol	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2-Methylnaphthalene	**40**		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2-Methylphenol	ND		2.0	0.34	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2-Nitroaniline	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
2-Nitrophenol	ND		2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
3 & 4 Methylphenol	ND	*1	2.0	0.65	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
3,3'-Dichlorobenzidine	ND		9.9	1.4	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
3-Nitroaniline	ND		2.0	0.28	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
4,6-Dinitro-2-methylphenol	ND		9.9	2.5	mg/Kg		08/05/20 09:31	08/06/20 22:58	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
4-Chloro-3-methylphenol	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
4-Chloroaniline	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
4-Chlorophenyl phenyl ether	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
4-Nitroaniline	ND	*1	2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
4-Nitrophenol	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Acenaphthene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Acenaphthylene	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Aniline	ND		2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Anthracene	**0.86**	**J *1**	2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Azobenzene	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzidine	ND	*	20	3.3	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzo[a]anthracene	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzo[a]pyrene	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzo[b]fluoranthene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzo[g,h,i]perylene	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzo[k]fluoranthene	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzoic acid	ND	*1	9.9	2.0	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Benzyl alcohol	ND		2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
bis (2-Chloroisopropyl) ether	ND	*1	2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Bis(2-chloroethoxy)methane	ND		2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Bis(2-chloroethyl)ether	ND		9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Bis(2-ethylhexyl) phthalate	ND	*1	2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Butyl benzyl phthalate	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Chrysene	**0.28**	**J**	2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Dibenz(a,h)anthracene	ND		2.0	0.18	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Dibenzofuran	**1.5**	**J**	2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Diethyl phthalate	ND	*1	2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Dimethyl phthalate	ND		2.0	0.45	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Di-n-butyl phthalate	**0.60**	**J *1**	2.0	0.24	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Di-n-octyl phthalate	ND	*1	2.0	0.40	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Fluoranthene	ND	*1	2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Fluorene	**10**		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Hexachloro-1,3-butadiene	ND		2.0	0.25	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Hexachlorobenzene	ND	*1	2.0	0.26	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Hexachlorocyclopentadiene	ND		6.0	2.0	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Hexachloroethane	ND		2.0	0.31	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Indeno[1,2,3-cd]pyrene	ND		2.0	0.21	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Isophorone	ND		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Naphthalene	**9.0**		2.0	0.23	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Nitrobenzene	ND		7.9	1.3	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
N-Nitrosodiethylamine	ND		3.0	0.22	mg/Kg		08/05/20 09:31	08/18/20 19:27	1
N-Nitrosodimethylamine	ND		2.0	0.19	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
N-Nitrosodi-n-propylamine	ND		2.0	0.33	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
N-Nitrosodiphenylamine	ND	*1	2.0	0.54	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Pentachlorophenol	ND		9.9	1.5	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Phenanthrene	**16**	***1**	2.0	0.27	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Phenol	ND		2.0	0.19	mg/Kg		08/05/20 09:31	08/06/20 22:58	2
Pyrene	ND		2.0	0.30	mg/Kg		08/05/20 09:31	08/06/20 22:58	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyridine	ND	*	2.0	0.22	mg/Kg		08/05/20 09:31	08/06/20 22:58	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane, 2,6-dimethyl-	*10*	*T J N*	*mg/Kg*		*4.69*	*17301-23-4*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Undecane, 2,6-dimethyl-	*29*	*T J N*	*mg/Kg*		*4.74*	*17301-23-4*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Tridecane, 7-methyl-	*17*	*T J N*	*mg/Kg*		*5.05*	*26730-14-3*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Heptadecane, 2,6-dimethyl-	*36*	*T J N*	*mg/Kg*		*5.10*	*54105-67-8*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Tridecane	*28*	*T J N*	*mg/Kg*		*5.22*	*629-50-5*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Tridecane	*54*	*T J N*	*mg/Kg*		*5.27*	*629-50-5*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Dodecane, 2,6,10-trimethyl-	*24*	*T J N*	*mg/Kg*		*5.66*	*3891-98-3*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Dodecane, 2,6,10-trimethyl-	*47*	*T J N*	*mg/Kg*		*5.71*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Tetradecane	*36*	*T J N*	*mg/Kg*		*5.79*	*629-59-4*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Tetradecane	*73*	*T J N*	*mg/Kg*		*5.83*	*629-59-4*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Naphthalene, 2,3-dimethyl-	*12*	*T J N*	*mg/Kg*		*5.94*	*581-40-8*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Naphthalene, 2,7-dimethyl-	*28*	*T J N*	*mg/Kg*		*5.99*	*582-16-1*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Naphthalene, 1,5-dimethyl-	*11*	*T J N*	*mg/Kg*		*6.03*	*571-61-9*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Naphthalene, 1,5-dimethyl-	*10*	*T J N*	*mg/Kg*		*6.05*	*571-61-9*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Naphthalene, 2,3-dimethyl-	*27*	*T J N*	*mg/Kg*		*6.08*	*581-40-8*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*19*	*T J N*	*mg/Kg*		*6.12*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Hexadecane, 7,9-dimethyl-	*47*	*T J N*	*mg/Kg*		*6.17*	*21164-95-4*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Pentadecane	*25*	*T J N*	*mg/Kg*		*6.31*	*629-62-9*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Pentadecane	*64*	*T J N*	*mg/Kg*		*6.36*	*629-62-9*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Hexadecane	*25*	*T J N*	*mg/Kg*		*6.80*	*544-76-3*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Hexadecane	*60*	*T J N*	*mg/Kg*		*6.85*	*544-76-3*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*22*	*T J N*	*mg/Kg*		*7.03*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Pentadecane, 2,6,10-trimethyl-	*55*	*T J N*	*mg/Kg*		*7.08*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Tricosane	*20*	*T J N*	*mg/Kg*		*7.27*	*638-67-5*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*38*	*T J N*	*mg/Kg*		*7.29*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Heptadecane	*56*	*T J N*	*mg/Kg*		*7.32*	*629-78-7*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*110*	*T J N*	*mg/Kg*		*7.35*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
9H-Fluorene, 1-methyl-	*10*	*T J N*	*mg/Kg*		*7.48*	*1730-37-6*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
9H-Fluorene, 2-methyl-	*27*	*T J N*	*mg/Kg*		*7.52*	*1430-97-3*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*66*	*T J N*	*mg/Kg*		*7.80*	*638-36-8*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Nonadecane	*30*	*T J N*	*mg/Kg*		*8.12*	*629-92-5*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Nonadecane	*81*	*T J N*	*mg/Kg*		*8.17*	*629-92-5*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Docosane	*32*	*T J N*	*mg/Kg*		*8.52*	*629-97-0*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Tricosane	*95*	*T J N*	*mg/Kg*		*8.57*	*638-67-5*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*23*	*T J N*	*mg/Kg*		*8.86*	*638-36-8*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Tricosane	*21*	*T J N*	*mg/Kg*		*8.89*	*638-67-5*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Heptacosane	*63*	*T J N*	*mg/Kg*		*8.95*	*593-49-7*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Docosane	*14*	*T J N*	*mg/Kg*		*9.26*	*629-97-0*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Heptacosane	*36*	*T J N*	*mg/Kg*		*9.31*	*593-49-7*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Tricosane	*8.2*	*T J N*	*mg/Kg*		*9.61*	*638-67-5*	*08/05/20 09:31*	*08/18/20 19:27*	*1*

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*115*		*18 - 138*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
2,4,6-Tribromophenol (Surr)	*37*		*18 - 138*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
2-Fluorobiphenyl (Surr)	*79*		*27 - 120*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
2-Fluorobiphenyl (Surr)	*41*		*27 - 120*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
2-Fluorophenol (Surr)	*66*		*25 - 120*	*08/05/20 09:31*	*08/06/20 22:58*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol (Surr)	*27*		*25 - 120*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Nitrobenzene-d5 (Surr)	*71*		*33 - 123*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Nitrobenzene-d5 (Surr)	*25*	*X*	*33 - 123*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
Phenol-d6 (Surr)	*67*		*26 - 122*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
Phenol-d6 (Surr)	*27*		*26 - 122*	*08/05/20 09:31*	*08/18/20 19:27*	*1*
p-Terphenyl-d14 (Surr)	*90*		*27 - 159*	*08/05/20 09:31*	*08/06/20 22:58*	*2*
p-Terphenyl-d14 (Surr)	*38*		*27 - 159*	*08/05/20 09:31*	*08/18/20 19:27*	*1*

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
1,2-Diphenylhydrazine	ND		0.49	0.11	mg/Kg		08/05/20 09:31	08/18/20 19:46	1
1,3-Dichlorobenzene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
1,4-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
1-Methylnaphthalene	**21**		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,4,5-Trichlorophenol	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,4-Dinitrophenol	ND		9.9	1.7	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2-Chloronaphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2-Methylnaphthalene	**38**		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
2-Nitrophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
3-Nitroaniline	ND		2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4-Bromophenyl phenyl ether	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4-Chloroaniline	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4-Nitroaniline	ND	*1	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Acenaphthene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Anthracene	**1.1**	**J *1**	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 23:17	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzo[g,h,i]perylene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Bis(2-ethylhexyl) phthalate	**0.26**	**J *1**	2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Chrysene	**0.39**	**J**	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Dibenzofuran	**1.8**	**J**	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Dimethyl phthalate	ND		2.5	0.56	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Fluorene	**13**		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Hexachloro-1,3-butadiene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Hexachlorocyclopentadiene	ND		7.4	2.5	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Indeno[1,2,3-cd]pyrene	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Naphthalene	**8.6**		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Nitrobenzene	ND		9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 19:46	1
N-Nitrosodimethylamine	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
N-Nitrosodi-n-propylamine	ND		2.5	0.41	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
N-Nitrosodiphenylamine	ND	*1	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Phenanthrene	**19**	***1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 23:17	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 23:17	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane, 2,6-dimethyl-	*5.5*	*T J N*	*mg/Kg*		*4.69*	*17301-23-4*	*08/05/20 09:31*	*08/18/20 19:46*	*1*
Undecane, 2,6-dimethyl-	*31*	*T J N*	*mg/Kg*		*4.74*	*17301-23-4*	*08/05/20 09:31*	*08/06/20 23:17*	*5*
Unknown	*6.5*	*T J*	*mg/Kg*		*5.05*		*08/05/20 09:31*	*08/18/20 19:46*	*1*
Octadecane, 2,6-dimethyl-	*33*	*T J N*	*mg/Kg*		*5.10*	*75163-97-2*	*08/05/20 09:31*	*08/06/20 23:17*	*5*
Tridecane	*7.8*	*T J N*	*mg/Kg*		*5.22*	*629-50-5*	*08/05/20 09:31*	*08/18/20 19:46*	*1*
Tridecane	*39*	*T J N*	*mg/Kg*		*5.27*	*629-50-5*	*08/05/20 09:31*	*08/06/20 23:17*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*7.5*	*T J N*	*mg/Kg*		*5.66*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 19:46*	*1*
Dodecane, 2,6,10-trimethyl-	*44*	*T J N*	*mg/Kg*		*5.71*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 23:17*	*5*
Tetradecane	*10*	*T J N*	*mg/Kg*		*5.79*	*629-59-4*	*08/05/20 09:31*	*08/18/20 19:46*	*1*
Tetradecane	*56*	*T J N*	*mg/Kg*		*5.83*	*629-59-4*	*08/05/20 09:31*	*08/06/20 23:17*	*5*
Naphthalene, 2,3-dimethyl-	*4.6*	*T J N*	*mg/Kg*		*5.95*	*581-40-8*	*08/05/20 09:31*	*08/18/20 19:46*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Naphthalene, 1,3-dimethyl-	5.3	T J N	mg/Kg		6.03	575-41-7	08/05/20 09:31	08/18/20 19:46	1
Naphthalene, 2,3-dimethyl-	27	T J N	mg/Kg		6.08	581-40-8	08/05/20 09:31	08/06/20 23:17	5
Decane, 5-propyl-	8.0	T J N	mg/Kg		6.12	17312-62-8	08/05/20 09:31	08/18/20 19:46	1
Hexadecane, 2,6,10,14-tetramethyl-	49	T J N	mg/Kg		6.17	638-36-8	08/05/20 09:31	08/06/20 23:17	5
Pentadecane	10	T J N	mg/Kg		6.31	629-62-9	08/05/20 09:31	08/18/20 19:46	1
Pentadecane	56	T J N	mg/Kg		6.36	629-62-9	08/05/20 09:31	08/06/20 23:17	5
Hexadecane	10	T J N	mg/Kg		6.80	544-76-3	08/05/20 09:31	08/18/20 19:46	1
Hexadecane	56	T J N	mg/Kg		6.85	544-76-3	08/05/20 09:31	08/06/20 23:17	5
Tridecane, 5-propyl-	55	T J N	mg/Kg		7.08	55045-11-9	08/05/20 09:31	08/06/20 23:17	5
Heptadecane	11	T J N	mg/Kg		7.27	629-78-7	08/05/20 09:31	08/18/20 19:46	1
Pentadecane, 2,6,10,14-tetramethyl-	24	T J N	mg/Kg		7.30	1921-70-6	08/05/20 09:31	08/18/20 19:46	1
Heptadecane	66	T J N	mg/Kg		7.32	629-78-7	08/05/20 09:31	08/06/20 23:17	5
Pentadecane, 2,6,10,14-tetramethyl-	130	T J N	mg/Kg		7.35	1921-70-6	08/05/20 09:31	08/06/20 23:17	5
9H-Fluorene, 2-methyl-	6.1	T J N	mg/Kg		7.48	1430-97-3	08/05/20 09:31	08/18/20 19:46	1
9H-Fluorene, 1-methyl-	31	T J N	mg/Kg		7.53	1730-37-6	08/05/20 09:31	08/06/20 23:17	5
Unknown	5.6	T J	mg/Kg		8.09		08/05/20 09:31	08/18/20 19:46	1
Nonadecane	17	T J N	mg/Kg		8.12	629-92-5	08/05/20 09:31	08/18/20 19:46	1
Hexadecane	28	T J N	mg/Kg		8.14	544-76-3	08/05/20 09:31	08/06/20 23:17	5
Nonadecane	94	T J N	mg/Kg		8.18	629-92-5	08/05/20 09:31	08/06/20 23:17	5
Unknown	4.3	T J	mg/Kg		8.45		08/05/20 09:31	08/18/20 19:46	1
Tricosane	20	T J N	mg/Kg		8.52	638-67-5	08/05/20 09:31	08/18/20 19:46	1
Heptacosane	110	T J N	mg/Kg		8.57	593-49-7	08/05/20 09:31	08/06/20 23:17	5
Hexadecane, 2,6,10,14-tetramethyl-	25	T J N	mg/Kg		8.86	638-36-8	08/05/20 09:31	08/06/20 23:17	5
Tricosane	13	T J N	mg/Kg		8.90	638-67-5	08/05/20 09:31	08/18/20 19:46	1
Pentacosane	74	T J N	mg/Kg		8.95	629-99-2	08/05/20 09:31	08/06/20 23:17	5
Docosane	10	T J N	mg/Kg		9.26	629-97-0	08/05/20 09:31	08/18/20 19:46	1
Heptacosane	48	T J N	mg/Kg		9.31	593-49-7	08/05/20 09:31	08/06/20 23:17	5
Tricosane	5.3	T J N	mg/Kg		9.61	638-67-5	08/05/20 09:31	08/18/20 19:46	1
Pentacosane	27	T J N	mg/Kg		9.66	629-99-2	08/05/20 09:31	08/06/20 23:17	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	98		18 - 138	08/05/20 09:31	08/06/20 23:17	5
2,4,6-Tribromophenol (Surr)	14	X	18 - 138	08/05/20 09:31	08/18/20 19:46	1
2-Fluorobiphenyl (Surr)	66		27 - 120	08/05/20 09:31	08/06/20 23:17	5
2-Fluorobiphenyl (Surr)	12	X	27 - 120	08/05/20 09:31	08/18/20 19:46	1
2-Fluorophenol (Surr)	55		25 - 120	08/05/20 09:31	08/06/20 23:17	5
2-Fluorophenol (Surr)	10	X	25 - 120	08/05/20 09:31	08/18/20 19:46	1
Nitrobenzene-d5 (Surr)	55		33 - 123	08/05/20 09:31	08/06/20 23:17	5
Nitrobenzene-d5 (Surr)	10	X	33 - 123	08/05/20 09:31	08/18/20 19:46	1
Phenol-d6 (Surr)	56		26 - 122	08/05/20 09:31	08/06/20 23:17	5
Phenol-d6 (Surr)	10	X	26 - 122	08/05/20 09:31	08/18/20 19:46	1
p-Terphenyl-d14 (Surr)	75		27 - 159	08/05/20 09:31	08/06/20 23:17	5
p-Terphenyl-d14 (Surr)	15	X	27 - 159	08/05/20 09:31	08/18/20 19:46	1

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		4.9	0.59	mg/Kg		08/05/20 09:31	08/06/20 23:35	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND		4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
1,2-Diphenylhydrazine	ND		0.99	0.22	mg/Kg		08/05/20 09:31	08/18/20 20:04	1
1,3-Dichlorobenzene	ND		4.9	0.73	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
1,4-Dichlorobenzene	ND		4.9	0.74	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
1-Methylnaphthalene	**30**		4.9	0.56	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,4,5-Trichlorophenol	ND		4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,4,6-Trichlorophenol	ND		4.9	0.76	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,4-Dichlorophenol	ND		4.9	0.57	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,4-Dimethylphenol	ND		4.9	2.6	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,4-Dinitrophenol	ND		20	3.3	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,4-Dinitrotoluene	ND		4.9	0.66	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,6-Dichlorophenol	ND		4.9	0.58	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2,6-Dinitrotoluene	ND		4.9	0.72	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2-Chloronaphthalene	ND		4.9	0.58	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2-Chlorophenol	ND		4.9	0.66	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2-Methylnaphthalene	**71**		4.9	0.60	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2-Methylphenol	ND		4.9	0.86	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2-Nitroaniline	ND		4.9	0.51	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
2-Nitrophenol	ND		4.9	0.67	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
3 & 4 Methylphenol	ND	*1	4.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
3,3'-Dichlorobenzidine	ND		25	3.6	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
3-Nitroaniline	ND		4.9	0.69	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4,6-Dinitro-2-methylphenol	ND		25	6.2	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4-Bromophenyl phenyl ether	ND		4.9	0.61	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4-Chloro-3-methylphenol	ND		4.9	0.66	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4-Chloroaniline	ND		4.9	0.64	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4-Chlorophenyl phenyl ether	ND		4.9	0.64	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4-Nitroaniline	ND	*1	4.9	0.64	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
4-Nitrophenol	ND		4.9	0.53	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Acenaphthene	ND		4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Acenaphthylene	ND		4.9	0.59	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Aniline	ND		4.9	0.59	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Anthracene	**1.4**	**J *1**	4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Azobenzene	ND		4.9	0.54	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzidine	ND	*	49	8.2	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzo[a]anthracene	ND		4.9	0.56	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzo[a]pyrene	ND		4.9	0.54	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzo[b]fluoranthene	ND		4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzo[g,h,i]perylene	ND		4.9	0.55	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzo[k]fluoranthene	ND		4.9	0.64	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzoic acid	ND	*1	25	4.9	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Benzyl alcohol	ND		4.9	0.65	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
bis (2-Chloroisopropyl) ether	ND	*1	4.9	0.57	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Bis(2-chloroethoxy)methane	ND		4.9	0.56	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Bis(2-chloroethyl)ether	ND		25	4.0	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Bis(2-ethylhexyl) phthalate	ND	*1	4.9	0.53	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Butyl benzyl phthalate	ND		4.9	0.53	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Chrysene	ND		4.9	0.64	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Dibenz(a,h)anthracene	ND		4.9	0.46	mg/Kg		08/05/20 09:31	08/06/20 23:35	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	**2.2**	**J**	4.9	0.60	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Diethyl phthalate	ND	*1	4.9	0.58	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Dimethyl phthalate	ND		4.9	1.1	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Di-n-butyl phthalate	ND	*1	4.9	0.59	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Di-n-octyl phthalate	ND	*1	4.9	1.0	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Fluoranthene	ND	*1	4.9	0.62	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Fluorene	**17**		4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Hexachloro-1,3-butadiene	ND		4.9	0.63	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Hexachlorobenzene	ND	*1	4.9	0.66	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Hexachlorocyclopentadiene	ND		15	5.0	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Hexachloroethane	ND		4.9	0.78	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Indeno[1,2,3-cd]pyrene	ND		4.9	0.53	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Isophorone	ND		4.9	0.56	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Naphthalene	**25**		4.9	0.58	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Nitrobenzene	ND		20	3.2	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
N-Nitrosodiethylamine	ND		3.0	0.22	mg/Kg		08/05/20 09:31	08/18/20 20:04	1
N-Nitrosodimethylamine	ND		4.9	0.47	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
N-Nitrosodi-n-propylamine	ND		4.9	0.83	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
N-Nitrosodiphenylamine	ND	*1	4.9	1.4	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Pentachlorophenol	ND		25	3.8	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Phenanthrene	**25**	***1**	4.9	0.68	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Phenol	ND		4.9	0.47	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Pyrene	ND		4.9	0.76	mg/Kg		08/05/20 09:31	08/06/20 23:35	5
Pyridine	ND	*	4.9	0.54	mg/Kg		08/05/20 09:31	08/06/20 23:35	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Undecane, 2,6-dimethyl-	*48*	*T J N*	*mg/Kg*		*4.74*	*17301-23-4*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Tridecane, 7-methyl-	*49*	*T J N*	*mg/Kg*		*5.06*	*26730-14-3*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Tridecane, 7-methyl-	*65*	*T J N*	*mg/Kg*		*5.10*	*26730-14-3*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Tridecane	*79*	*T J N*	*mg/Kg*		*5.22*	*629-50-5*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Tridecane	*98*	*T J N*	*mg/Kg*		*5.27*	*629-50-5*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Unknown	*61*	*T J*	*mg/Kg*		*5.66*		*08/05/20 09:31*	*08/18/20 20:04*	*1*
Dodecane, 2,6,10-trimethyl-	*73*	*T J N*	*mg/Kg*		*5.71*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Tetradecane	*100*	*T J N*	*mg/Kg*		*5.79*	*629-59-4*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Tetradecane	*120*	*T J N*	*mg/Kg*		*5.83*	*629-59-4*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Naphthalene, 2,7-dimethyl-	*40*	*T J N*	*mg/Kg*		*5.95*	*582-16-1*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Naphthalene, 2,6-dimethyl-	*43*	*T J N*	*mg/Kg*		*5.99*	*581-42-0*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Naphthalene, 2,7-dimethyl-	*42*	*T J N*	*mg/Kg*		*6.04*	*582-16-1*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Naphthalene, 2,3-dimethyl-	*44*	*T J N*	*mg/Kg*		*6.07*	*581-40-8*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*70*	*T J N*	*mg/Kg*		*6.12*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Hexadecane	*75*	*T J N*	*mg/Kg*		*6.17*	*544-76-3*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Pentadecane	*91*	*T J N*	*mg/Kg*		*6.32*	*629-62-9*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Pentadecane	*100*	*T J N*	*mg/Kg*		*6.36*	*629-62-9*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Hexadecane	*100*	*T J N*	*mg/Kg*		*6.85*	*544-76-3*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Pentadecane, 2,6,10-trimethyl-	*89*	*T J N*	*mg/Kg*		*7.08*	*3892-00-0*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Heptadecane	*88*	*T J N*	*mg/Kg*		*7.28*	*629-78-7*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Heptadecane	*80*	*T J N*	*mg/Kg*		*7.31*	*629-78-7*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*160*	*T J N*	*mg/Kg*		*7.31*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 20:04*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*150*	*T J N*	*mg/Kg*		*7.34*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 23:35*	*5*
9H-Fluorene, 1-methyl-	*44*	*T J N*	*mg/Kg*		*7.49*	*1730-37-6*	*08/05/20 09:31*	*08/18/20 20:04*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
9H-Fluorene, 2-methyl-	41	T J N	mg/Kg		7.52	1430-97-3	08/05/20 09:31	08/06/20 23:35	5
Hexadecane, 2,6,10,14-tetramethyl-	92	T J N	mg/Kg		7.80	638-36-8	08/05/20 09:31	08/06/20 23:35	5
Unknown	68	T J	mg/Kg		8.10		08/05/20 09:31	08/18/20 20:04	1
Nonadecane	160	T J N	mg/Kg		8.13	629-92-5	08/05/20 09:31	08/18/20 20:04	1
Hexadecane	35	T J N	mg/Kg		8.14	544-76-3	08/05/20 09:31	08/06/20 23:35	5
Nonadecane	120	T J N	mg/Kg		8.17	629-92-5	08/05/20 09:31	08/06/20 23:35	5
Anthracene, 9-methyl-	46	T J N	mg/Kg		8.35	779-02-2	08/05/20 09:31	08/18/20 20:04	1
Unknown	41	T J	mg/Kg		8.38		08/05/20 09:31	08/18/20 20:04	1
Unknown	59	T J	mg/Kg		8.46		08/05/20 09:31	08/18/20 20:04	1
Docosane	190	T J N	mg/Kg		8.54	629-97-0	08/05/20 09:31	08/18/20 20:04	1
Pentacosane	150	T J N	mg/Kg		8.57	629-99-2	08/05/20 09:31	08/06/20 23:35	5
Hexadecane, 2,6,10,14-tetramethyl-	43	T J N	mg/Kg		8.81	638-36-8	08/05/20 09:31	08/18/20 20:04	1
Heptadecane, 9-octyl-	110	T J N	mg/Kg		8.91	7225-64-1	08/05/20 09:31	08/18/20 20:04	1
Heneicosane	92	T J N	mg/Kg		8.95	629-94-7	08/05/20 09:31	08/06/20 23:35	5
Triacontane	45	T J N	mg/Kg		9.26	638-68-6	08/05/20 09:31	08/18/20 20:04	1
Heptacosane	55	T J N	mg/Kg		9.31	593-49-7	08/05/20 09:31	08/06/20 23:35	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		18 - 138	08/05/20 09:31	08/06/20 23:35	5
2,4,6-Tribromophenol (Surr)	38		18 - 138	08/05/20 09:31	08/18/20 20:04	1
2-Fluorobiphenyl (Surr)	58		27 - 120	08/05/20 09:31	08/06/20 23:35	5
2-Fluorobiphenyl (Surr)	30		27 - 120	08/05/20 09:31	08/18/20 20:04	1
2-Fluorophenol (Surr)	47		25 - 120	08/05/20 09:31	08/06/20 23:35	5
2-Fluorophenol (Surr)	29		25 - 120	08/05/20 09:31	08/18/20 20:04	1
Nitrobenzene-d5 (Surr)	47		33 - 123	08/05/20 09:31	08/06/20 23:35	5
Nitrobenzene-d5 (Surr)	26	X	33 - 123	08/05/20 09:31	08/18/20 20:04	1
Phenol-d6 (Surr)	46		26 - 122	08/05/20 09:31	08/06/20 23:35	5
Phenol-d6 (Surr)	28		26 - 122	08/05/20 09:31	08/18/20 20:04	1
p-Terphenyl-d14 (Surr)	63		27 - 159	08/05/20 09:31	08/06/20 23:35	5
p-Terphenyl-d14 (Surr)	41		27 - 159	08/05/20 09:31	08/18/20 20:04	1

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 20:22	1
1,3-Dichlorobenzene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
1,4-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
1-Methylnaphthalene	**18**		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,4,5-Trichlorophenol	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,4-Dinitrophenol	ND		9.9	1.7	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 15:20	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chloronaphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2-Methylnaphthalene	**44**		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
2-Nitrophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
3-Nitroaniline	ND		2.5	0.35	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4-Bromophenyl phenyl ether	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4-Chloroaniline	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4-Nitroaniline	ND	*1	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Acenaphthene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Anthracene	**0.48**	**J *1**	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzo[g,h,i]perylene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Bis(2-ethylhexyl) phthalate	**0.32**	**J *1**	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Chrysene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Dibenzofuran	**0.93**	**J**	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Dimethyl phthalate	ND		2.5	0.56	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Fluorene	**6.5**		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Hexachloro-1,3-butadiene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Hexachlorocyclopentadiene	ND		7.4	2.5	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Indeno[1,2,3-cd]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:20	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**23**		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Nitrobenzene	ND		9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 20:22	1
N-Nitrosodimethylamine	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
N-Nitrosodi-n-propylamine	ND		2.5	0.42	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
N-Nitrosodiphenylamine	**4.4**	***1**	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Phenanthrene	**9.0**	***1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 15:20	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:20	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
1-Methyldecahydronaphthalene	*2.5*	*T J N*	*mg/Kg*		*4.22*	*2958-75-0*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
1-Methyldecahydronaphthalene	*15*	*T J N*	*mg/Kg*		*4.26*	*2958-75-0*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Unknown	*2.8*	*T J*	*mg/Kg*		*4.37*		*08/05/20 09:31*	*08/18/20 20:22*	*1*
Unknown	*16*	*T J*	*mg/Kg*		*4.41*		*08/05/20 09:31*	*08/06/20 15:20*	*5*
Undecane, 2,6-dimethyl-	*4.1*	*T J N*	*mg/Kg*		*4.69*	*17301-23-4*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Undecane, 2,6-dimethyl-	*25*	*T J N*	*mg/Kg*		*4.73*	*17301-23-4*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Octadecane, 2,6-dimethyl-	*6.1*	*T J N*	*mg/Kg*		*5.05*	*75163-97-2*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Hexadecane, 2,6,11,15-tetramethyl-	*31*	*T J N*	*mg/Kg*		*5.10*	*504-44-9*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Tridecane	*11*	*T J N*	*mg/Kg*		*5.22*	*629-50-5*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Tridecane	*49*	*T J N*	*mg/Kg*		*5.26*	*629-50-5*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Dodecane, 2,6,10-trimethyl-	*5.0*	*T J N*	*mg/Kg*		*5.66*	*3891-98-3*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Dodecane, 2,6,10-trimethyl-	*29*	*T J N*	*mg/Kg*		*5.70*	*3891-98-3*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Tetradecane	*8.6*	*T J N*	*mg/Kg*		*5.78*	*629-59-4*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Tetradecane	*49*	*T J N*	*mg/Kg*		*5.82*	*629-59-4*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Naphthalene, 2,7-dimethyl-	*3.9*	*T J N*	*mg/Kg*		*5.94*	*582-16-1*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Naphthalene, 2,7-dimethyl-	*17*	*T J N*	*mg/Kg*		*5.98*	*582-16-1*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Naphthalene, 1,5-dimethyl-	*3.4*	*T J N*	*mg/Kg*		*6.03*	*571-61-9*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Naphthalene, 2,7-dimethyl-	*2.7*	*T J N*	*mg/Kg*		*6.05*	*582-16-1*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Naphthalene, 2,6-dimethyl-	*15*	*T J N*	*mg/Kg*		*6.09*	*581-42-0*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Hexadecane, 2,6,10,14-tetramethyl-	*4.4*	*T J N*	*mg/Kg*		*6.11*	*638-36-8*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*27*	*T J N*	*mg/Kg*		*6.16*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Pentadecane	*6.1*	*T J N*	*mg/Kg*		*6.30*	*629-62-9*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Pentadecane	*37*	*T J N*	*mg/Kg*		*6.35*	*629-62-9*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Hexadecane	*5.5*	*T J N*	*mg/Kg*		*6.80*	*544-76-3*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Hexadecane	*32*	*T J N*	*mg/Kg*		*6.84*	*544-76-3*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Heptadecane	*5.0*	*T J N*	*mg/Kg*		*7.26*	*629-78-7*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Pentadecane, 2,6,10,14-tetramethyl-	*9.4*	*T J N*	*mg/Kg*		*7.29*	*1921-70-6*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Heptadecane	*34*	*T J N*	*mg/Kg*		*7.30*	*629-78-7*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Pentadecane, 2,6,10,14-tetramethyl-	*60*	*T J N*	*mg/Kg*		*7.33*	*1921-70-6*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
9H-Fluorene, 1-methyl-	*14*	*T J N*	*mg/Kg*		*7.51*	*1730-37-6*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Dodecane, 2,6,10-trimethyl-	*5.7*	*T J N*	*mg/Kg*		*7.74*	*3891-98-3*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Hexadecane, 2,6,10,14-tetramethyl-	*39*	*T J N*	*mg/Kg*		*7.79*	*638-36-8*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Pentacosane	*7.1*	*T J N*	*mg/Kg*		*8.11*	*629-99-2*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Nonadecane	*51*	*T J N*	*mg/Kg*		*8.16*	*629-92-5*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Pentacosane	*8.7*	*T J N*	*mg/Kg*		*8.51*	*629-99-2*	*08/05/20 09:31*	*08/18/20 20:22*	*1*
Eicosane	*63*	*T J N*	*mg/Kg*		*8.56*	*112-95-8*	*08/05/20 09:31*	*08/06/20 15:20*	*5*
Heneicosane	*5.4*	*T J N*	*mg/Kg*		*8.89*	*629-94-7*	*08/05/20 09:31*	*08/18/20 20:22*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Heneicosane	40	T J N	mg/Kg		8.94	629-94-7	08/05/20 09:31	08/06/20 15:20	5
Docosane	3.5	T J N	mg/Kg		9.25	629-97-0	08/05/20 09:31	08/18/20 20:22	1
Docosane	19	T J N	mg/Kg		9.30	629-97-0	08/05/20 09:31	08/06/20 15:20	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		18 - 138	08/05/20 09:31	08/06/20 15:20	5
2,4,6-Tribromophenol (Surr)	12	X	18 - 138	08/05/20 09:31	08/18/20 20:22	1
2-Fluorobiphenyl (Surr)	69		27 - 120	08/05/20 09:31	08/06/20 15:20	5
2-Fluorobiphenyl (Surr)	12	X	27 - 120	08/05/20 09:31	08/18/20 20:22	1
2-Fluorophenol (Surr)	62		25 - 120	08/05/20 09:31	08/06/20 15:20	5
2-Fluorophenol (Surr)	10	X	25 - 120	08/05/20 09:31	08/18/20 20:22	1
Nitrobenzene-d5 (Surr)	63		33 - 123	08/05/20 09:31	08/06/20 15:20	5
Nitrobenzene-d5 (Surr)	9	X	33 - 123	08/05/20 09:31	08/18/20 20:22	1
Phenol-d6 (Surr)	60		26 - 122	08/05/20 09:31	08/06/20 15:20	5
Phenol-d6 (Surr)	10	X	26 - 122	08/05/20 09:31	08/18/20 20:22	1
p-Terphenyl-d14 (Surr)	70		27 - 159	08/05/20 09:31	08/06/20 15:20	5
p-Terphenyl-d14 (Surr)	13	X	27 - 159	08/05/20 09:31	08/18/20 20:22	1

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
1,2-Dichlorobenzene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
1,2-Diphenylhydrazine	ND		0.49	0.11	mg/Kg		08/05/20 09:31	08/18/20 20:41	1
1,3-Dichlorobenzene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
1,4-Dichlorobenzene	ND		2.5	0.37	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
1-Methylnaphthalene	**31**		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,4,5-Trichlorophenol	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,4,6-Trichlorophenol	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,4-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,4-Dimethylphenol	ND		2.5	1.3	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,4-Dinitrophenol	ND		9.9	1.7	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,4-Dinitrotoluene	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,6-Dichlorophenol	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2,6-Dinitrotoluene	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2-Chloronaphthalene	ND		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2-Chlorophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2-Methylnaphthalene	**76**		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2-Methylphenol	ND		2.5	0.43	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2-Nitroaniline	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
2-Nitrophenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
3 & 4 Methylphenol	ND	*1	2.5	0.81	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
3,3'-Dichlorobenzidine	ND		12	1.8	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
3-Nitroaniline	ND		2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
4,6-Dinitro-2-methylphenol	ND		12	3.1	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
4-Bromophenyl phenyl ether	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
4-Chloro-3-methylphenol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
4-Chloroaniline	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
4-Nitroaniline	ND	*1	2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
4-Nitrophenol	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Acenaphthene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Acenaphthylene	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Aniline	ND		2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Anthracene	**0.77**	**J *1**	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Azobenzene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzidine	ND	*	25	4.1	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzo[a]anthracene	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzo[a]pyrene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzo[b]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzo[g,h,i]perylene	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzo[k]fluoranthene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzoic acid	ND	*1	12	2.5	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Benzyl alcohol	ND		2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
bis (2-Chloroisopropyl) ether	ND	*1	2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Bis(2-chloroethoxy)methane	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Bis(2-chloroethyl)ether	ND		12	2.0	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Bis(2-ethylhexyl) phthalate	ND	*1	2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Butyl benzyl phthalate	ND		2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Chrysene	ND		2.5	0.32	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Dibenz(a,h)anthracene	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Dibenzofuran	**1.5**	**J**	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Diethyl phthalate	ND	*1	2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Dimethyl phthalate	ND		2.5	0.56	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Di-n-butyl phthalate	ND	*1	2.5	0.30	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Di-n-octyl phthalate	ND	*1	2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Fluoranthene	ND	*1	2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Fluorene	**11**		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Hexachloro-1,3-butadiene	ND		2.5	0.31	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Hexachlorobenzene	ND	*1	2.5	0.33	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Hexachlorocyclopentadiene	ND		7.4	2.5	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Hexachloroethane	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Indeno[1,2,3-cd]pyrene	ND		2.5	0.26	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Isophorone	ND		2.5	0.28	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Naphthalene	**40**		2.5	0.29	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Nitrobenzene	ND		9.9	1.6	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 20:41	1
N-Nitrosodimethylamine	ND		2.5	0.23	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
N-Nitrosodi-n-propylamine	ND		2.5	0.41	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
N-Nitrosodiphenylamine	**5.9**	***1**	2.5	0.68	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Pentachlorophenol	ND		12	1.9	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Phenanthrene	**15**	***1**	2.5	0.34	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Phenol	ND		2.5	0.24	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Pyrene	ND		2.5	0.38	mg/Kg		08/05/20 09:31	08/06/20 15:38	5
Pyridine	ND	*	2.5	0.27	mg/Kg		08/05/20 09:31	08/06/20 15:38	5

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Naphthalene, decahydro-2-methyl-	*4.0*	*T J N*	*mg/Kg*		*4.22*	*2958-76-1*	*08/05/20 09:31*	*08/18/20 20:41*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	4.6	T J	mg/Kg		4.37		08/05/20 09:31	08/18/20 20:41	1
Unknown	23	T J	mg/Kg		4.41		08/05/20 09:31	08/06/20 15:38	5
Undecane, 2,6-dimethyl-	6.9	T J N	mg/Kg		4.69	17301-23-4	08/05/20 09:31	08/18/20 20:41	1
Undecane, 2,6-dimethyl-	34	T J N	mg/Kg		4.73	17301-23-4	08/05/20 09:31	08/06/20 15:38	5
Heptadecane, 2,6-dimethyl-	11	T J N	mg/Kg		5.06	54105-67-8	08/05/20 09:31	08/18/20 20:41	1
Hexadecane, 2,6,10,14-tetramethyl-	53	T J N	mg/Kg		5.10	638-36-8	08/05/20 09:31	08/06/20 15:38	5
Tridecane	18	T J N	mg/Kg		5.22	629-50-5	08/05/20 09:31	08/18/20 20:41	1
Tridecane	79	T J N	mg/Kg		5.26	629-50-5	08/05/20 09:31	08/06/20 15:38	5
Hexadecane, 2,6,10-trimethyl-	9.1	T J N	mg/Kg		5.66	55000-52-7	08/05/20 09:31	08/18/20 20:41	1
Nonane, 3,7-dimethyl-	50	T J N	mg/Kg		5.70	17302-32-8	08/05/20 09:31	08/06/20 15:38	5
Tetradecane	16	T J N	mg/Kg		5.79	629-59-4	08/05/20 09:31	08/18/20 20:41	1
Tetradecane	83	T J N	mg/Kg		5.83	629-59-4	08/05/20 09:31	08/06/20 15:38	5
Naphthalene, 1,5-dimethyl-	6.1	T J N	mg/Kg		5.95	571-61-9	08/05/20 09:31	08/18/20 20:41	1
Naphthalene, 2,7-dimethyl-	29	T J N	mg/Kg		5.98	582-16-1	08/05/20 09:31	08/06/20 15:38	5
Naphthalene, 2,7-dimethyl-	6.0	T J N	mg/Kg		6.03	582-16-1	08/05/20 09:31	08/18/20 20:41	1
Naphthalene, 1,5-dimethyl-	4.3	T J N	mg/Kg		6.05	571-61-9	08/05/20 09:31	08/18/20 20:41	1
Naphthalene, 2,3-dimethyl-	24	T J N	mg/Kg		6.07	581-40-8	08/05/20 09:31	08/06/20 15:38	5
Naphthalene, 2,6-dimethyl-	22	T J N	mg/Kg		6.09	581-42-0	08/05/20 09:31	08/06/20 15:38	5
Tridecane, 7-hexyl-	8.6	T J N	mg/Kg		6.12	7225-66-3	08/05/20 09:31	08/18/20 20:41	1
Pentadecane, 2,6,10,14-tetramethyl-	47	T J N	mg/Kg		6.16	1921-70-6	08/05/20 09:31	08/06/20 15:38	5
Pentadecane	11	T J N	mg/Kg		6.31	629-62-9	08/05/20 09:31	08/18/20 20:41	1
Pentadecane	65	T J N	mg/Kg		6.35	629-62-9	08/05/20 09:31	08/06/20 15:38	5
Hexadecane	11	T J N	mg/Kg		6.80	544-76-3	08/05/20 09:31	08/18/20 20:41	1
Hexadecane	57	T J N	mg/Kg		6.85	544-76-3	08/05/20 09:31	08/06/20 15:38	5
Heptadecane	9.4	T J N	mg/Kg		7.26	629-78-7	08/05/20 09:31	08/18/20 20:41	1
Pentadecane, 2,6,10,14-tetramethyl-	18	T J N	mg/Kg		7.29	1921-70-6	08/05/20 09:31	08/18/20 20:41	1
Heptadecane	54	T J N	mg/Kg		7.31	629-78-7	08/05/20 09:31	08/06/20 15:38	5
Pentadecane, 2,6,10,14-tetramethyl-	96	T J N	mg/Kg		7.34	1921-70-6	08/05/20 09:31	08/06/20 15:38	5
Hexadecane, 2,6,10,14-tetramethyl-	61	T J N	mg/Kg		7.79	638-36-8	08/05/20 09:31	08/06/20 15:38	5
Pentadecane, 2,6,10,14-tetramethyl-	4.2	T J N	mg/Kg		8.09	1921-70-6	08/05/20 09:31	08/18/20 20:41	1
Nonadecane	14	T J N	mg/Kg		8.12	629-92-5	08/05/20 09:31	08/18/20 20:41	1
Nonadecane	79	T J N	mg/Kg		8.17	629-92-5	08/05/20 09:31	08/06/20 15:38	5
Eicosane	18	T J N	mg/Kg		8.52	112-95-8	08/05/20 09:31	08/18/20 20:41	1
Eicosane	99	T J N	mg/Kg		8.56	112-95-8	08/05/20 09:31	08/06/20 15:38	5
1-Iodo-2-methylundecane	21	T J N	mg/Kg		8.85	73105-67-6	08/05/20 09:31	08/06/20 15:38	5
Heneicosane	10	T J N	mg/Kg		8.89	629-94-7	08/05/20 09:31	08/18/20 20:41	1
Heneicosane	63	T J N	mg/Kg		8.94	629-94-7	08/05/20 09:31	08/06/20 15:38	5
Docosane	7.3	T J N	mg/Kg		9.26	629-97-0	08/05/20 09:31	08/18/20 20:41	1
Docosane	34	T J N	mg/Kg		9.30	629-97-0	08/05/20 09:31	08/06/20 15:38	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	81		18 - 138	08/05/20 09:31	08/06/20 15:38	5
2,4,6-Tribromophenol (Surr)	12	X	18 - 138	08/05/20 09:31	08/18/20 20:41	1
2-Fluorobiphenyl (Surr)	62		27 - 120	08/05/20 09:31	08/06/20 15:38	5
2-Fluorobiphenyl (Surr)	11	X	27 - 120	08/05/20 09:31	08/18/20 20:41	1
2-Fluorophenol (Surr)	54		25 - 120	08/05/20 09:31	08/06/20 15:38	5
2-Fluorophenol (Surr)	10	X	25 - 120	08/05/20 09:31	08/18/20 20:41	1
Nitrobenzene-d5 (Surr)	55		33 - 123	08/05/20 09:31	08/06/20 15:38	5
Nitrobenzene-d5 (Surr)	9	X	33 - 123	08/05/20 09:31	08/18/20 20:41	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Phenol-d6 (Surr)	*54*		*26 - 122*	*08/05/20 09:31*	*08/06/20 15:38*	*5*
Phenol-d6 (Surr)	*9*	*X*	*26 - 122*	*08/05/20 09:31*	*08/18/20 20:41*	*1*
p-Terphenyl-d14 (Surr)	*67*		*27 - 159*	*08/05/20 09:31*	*08/06/20 15:38*	*5*
p-Terphenyl-d14 (Surr)	*14*	*X*	*27 - 159*	*08/05/20 09:31*	*08/18/20 20:41*	*1*

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
1,2-Dichlorobenzene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
1,2-Diphenylhydrazine	ND	*	200	45	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
1,3-Dichlorobenzene	ND		200	30	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
1,4-Dichlorobenzene	ND		200	31	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
1-Methylnaphthalene	**280**		200	23	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,4,5-Trichlorophenol	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,4,6-Trichlorophenol	ND		200	31	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,4-Dichlorophenol	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,4-Dimethylphenol	ND		200	110	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,4-Dinitrophenol	ND		820	140	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,4-Dinitrotoluene	ND		200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,6-Dichlorophenol	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2,6-Dinitrotoluene	ND		200	30	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2-Chloronaphthalene	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2-Chlorophenol	ND		200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2-Methylnaphthalene	**550**		200	25	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2-Methylphenol	ND		200	35	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2-Nitroaniline	ND		200	21	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
2-Nitrophenol	ND		200	28	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
3,3'-Dichlorobenzidine	ND		1000	150	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
3 & 4 Methylphenol	ND		200	66	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
3-Nitroaniline	ND		200	28	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4,6-Dinitro-2-methylphenol	ND		1000	260	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4-Bromophenyl phenyl ether	ND		200	25	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4-Chloro-3-methylphenol	ND		200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4-Chloroaniline	ND		200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4-Chlorophenyl phenyl ether	ND	*1	200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4-Nitroaniline	ND	*1	200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
4-Nitrophenol	ND		200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Acenaphthene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Acenaphthylene	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Aniline	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Anthracene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Azobenzene	ND		200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzidine	ND		2000	340	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzo[a]anthracene	ND		200	23	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzo[a]pyrene	ND		200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzo[b]fluoranthene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzo[g,h,i]perylene	ND		200	23	mg/Kg		08/14/20 10:19	08/15/20 00:11	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzoic acid	ND		1000	200	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Benzyl alcohol	ND		200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Bis(2-chloroethoxy)methane	ND		200	23	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Bis(2-chloroethyl)ether	ND		1000	170	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
bis (2-Chloroisopropyl) ether	ND		200	23	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Bis(2-ethylhexyl) phthalate	ND		200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Butyl benzyl phthalate	ND		200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Chrysene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Dibenz(a,h)anthracene	ND		200	19	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Dibenzofuran	**46**	**J**	200	25	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Diethyl phthalate	ND	*1	200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Dimethyl phthalate	ND		200	46	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Di-n-butyl phthalate	ND		200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Di-n-octyl phthalate	ND		200	41	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Fluoranthene	ND		200	25	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Fluorene	**320**		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Hexachloro-1,3-butadiene	ND		200	26	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Hexachlorobenzene	ND		200	27	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Hexachlorocyclopentadiene	ND	*	610	210	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Hexachloroethane	ND		200	32	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Indeno[1,2,3-cd]pyrene	ND		200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Isophorone	ND	*	200	23	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Naphthalene	**120**	**J**	200	24	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Nitrobenzene	ND		820	130	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
N-Nitrosodiethylamine	ND	*	610	46	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
N-Nitrosodimethylamine	ND	*1	200	19	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
N-Nitrosodi-n-propylamine	ND		200	34	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
N-Nitrosodiphenylamine	ND		200	56	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Pentachlorophenol	ND		1000	160	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Phenanthrene	**530**		200	28	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Phenol	ND		200	20	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Pyrene	ND		200	31	mg/Kg		08/14/20 10:19	08/15/20 00:11	2
Pyridine	ND	*	200	22	mg/Kg		08/14/20 10:19	08/15/20 00:11	2

Tentatively Identified Compound	*Est. Result*	*Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tetradecane	*930*	*T J N*	*mg/Kg*		*5.74*	*629-59-4*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Dodecane, 2-methyl-8-propyl-	*600*	*T J N*	*mg/Kg*		*6.07*	*55045-07-3*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Pentadecane	*1200*	*T J N*	*mg/Kg*		*6.27*	*629-62-9*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Hexadecane	*1500*	*T J N*	*mg/Kg*		*6.76*	*544-76-3*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Pentadecane, 2,6,10-trimethyl-	*1500*	*T J N*	*mg/Kg*		*6.99*	*3892-00-0*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Heptadecane	*2100*	*T J N*	*mg/Kg*		*7.22*	*629-78-7*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Pentadecane, 2,6,10,14-tetramethyl-	*3600*	*T J N*	*mg/Kg*		*7.25*	*1921-70-6*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
9H-Fluorene, 1-methyl-	*800*	*T J N*	*mg/Kg*		*7.43*	*1730-37-6*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Hexadecane, 2,6,10,14-tetramethyl-	*2300*	*T J N*	*mg/Kg*		*7.71*	*638-36-8*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Hexadecane	*800*	*T J N*	*mg/Kg*		*8.05*	*544-76-3*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Nonadecane	*2200*	*T J N*	*mg/Kg*		*8.08*	*629-92-5*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Phenanthrene, 4-methyl-	*620*	*T J N*	*mg/Kg*		*8.29*	*832-64-4*	*08/14/20 10:19*	*08/15/20 00:11*	*2*
Unknown	*590*	*T J*	*mg/Kg*		*8.41*		*08/14/20 10:19*	*08/15/20 00:11*	*2*
Eicosane	*2000*	*T J N*	*mg/Kg*		*8.48*	*112-95-8*	*08/14/20 10:19*	*08/15/20 00:11*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tricosane	1700	T J N	mg/Kg		8.85	638-67-5	08/14/20 10:19	08/15/20 00:11	2
Docosane	1700	T J N	mg/Kg		9.21	629-97-0	08/14/20 10:19	08/15/20 00:11	2
Tricosane	1300	T J N	mg/Kg		9.57	638-67-5	08/14/20 10:19	08/15/20 00:11	2
Tetracosane	1200	T J N	mg/Kg		9.92	646-31-1	08/14/20 10:19	08/15/20 00:11	2
Pentacosane	1000	T J N	mg/Kg		10.27	629-99-2	08/14/20 10:19	08/15/20 00:11	2
Eicosane	700	T J N	mg/Kg		10.64	112-95-8	08/14/20 10:19	08/15/20 00:11	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	102		18 - 138	08/14/20 10:19	08/15/20 00:11	2
2-Fluorobiphenyl (Surr)	99		27 - 120	08/14/20 10:19	08/15/20 00:11	2
2-Fluorophenol (Surr)	81		25 - 120	08/14/20 10:19	08/15/20 00:11	2
Nitrobenzene-d5 (Surr)	79		33 - 123	08/14/20 10:19	08/15/20 00:11	2
Phenol-d6 (Surr)	81		26 - 122	08/14/20 10:19	08/15/20 00:11	2
p-Terphenyl-d14 (Surr)	102		27 - 159	08/14/20 10:19	08/15/20 00:11	2

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50		ug/L			08/11/20 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*38 - 134*		*08/11/20 01:19*	*1*

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50		ug/L			08/11/20 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*38 - 134*		*08/11/20 01:44*	*1*

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**97**	**Z**	50		ug/L			08/11/20 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*38 - 134*		*08/11/20 02:09*	*1*

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50		ug/L			08/10/20 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*38 - 134*		*08/10/20 18:34*	*1*

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12		mg/Kg		08/05/20 12:33	08/06/20 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*08/05/20 12:33*	*08/06/20 20:06*	*1*

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		mg/Kg		08/05/20 12:33	08/06/20 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*08/05/20 12:33*	*08/06/20 20:29*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.17		mg/Kg		08/05/20 12:33	08/06/20 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*	*08/05/20 12:33*	*08/06/20 20:52*	*1*

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099		mg/Kg		08/05/20 12:33	08/06/20 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*	*08/05/20 12:33*	*08/06/20 21:16*	*1*

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.090		mg/Kg		08/05/20 12:37	08/06/20 21:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*08/05/20 12:37*	*08/06/20 21:39*	*1*

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.14		mg/Kg		08/05/20 12:37	08/06/20 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*08/05/20 12:37*	*08/06/20 22:49*	*1*

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.11**	**Z**	0.091		mg/Kg		08/05/20 12:37	08/06/20 23:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*08/05/20 12:37*	*08/06/20 23:12*	*1*

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.37**	**Z**	0.12		mg/Kg		08/05/20 12:37	08/06/20 23:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*42 - 126*	*08/05/20 12:37*	*08/06/20 23:35*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.43	Z	0.11		mg/Kg		08/05/20 12:37	08/06/20 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*08/05/20 12:37*	*08/06/20 23:59*	*1*

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.29	Z	0.14		mg/Kg		08/05/20 12:37	08/07/20 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*	*08/05/20 12:37*	*08/07/20 00:22*	*1*

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.16	Z	0.11		mg/Kg		08/05/20 12:37	08/07/20 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*08/05/20 12:37*	*08/07/20 00:45*	*1*

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.30	Z	0.15		mg/Kg		08/05/20 12:37	08/07/20 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*42 - 126*	*08/05/20 12:37*	*08/07/20 01:09*	*1*

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.17	Z	0.086		mg/Kg		08/05/20 12:37	08/07/20 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*42 - 126*	*08/05/20 12:37*	*08/07/20 01:32*	*1*

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	150	Z	4.2		mg/Kg		08/05/20 12:37	08/07/20 22:03	50

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		42 - 126	08/05/20 12:37	08/07/20 22:03	50

Client Sample ID: SF1530-1-0.5D — **Lab Sample ID: 570-34864-25**
Date Collected: 08/04/20 12:16 — **Matrix: Solid**
Date Received: 08/04/20 16:48

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	120	Z	4.1		mg/Kg		08/05/20 12:37	08/07/20 22:29	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		42 - 126	08/05/20 12:37	08/07/20 22:29	50

Client Sample ID: SF1530-2-1.5 — **Lab Sample ID: 570-34864-26**
Date Collected: 08/04/20 12:25 — **Matrix: Solid**
Date Received: 08/04/20 16:48

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	130	Z	4.4		mg/Kg		08/05/20 12:37	08/07/20 22:54	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		42 - 126	08/05/20 12:37	08/07/20 22:54	50

Client Sample ID: SF1530-3-3.0 — **Lab Sample ID: 570-34864-27**
Date Collected: 08/04/20 12:20 — **Matrix: Solid**
Date Received: 08/04/20 16:48

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	260	Z	8.9		mg/Kg		08/05/20 12:37	08/07/20 23:19	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		42 - 126	08/05/20 12:37	08/07/20 23:19	100

Client Sample ID: VB27599-1-S — **Lab Sample ID: 570-34864-28**
Date Collected: 08/04/20 12:40 — **Matrix: Solid**
Date Received: 08/04/20 16:48

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	360	Z	11		mg/Kg		08/05/20 12:37	08/07/20 23:45	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	124		42 - 126	08/05/20 12:37	08/07/20 23:45	100

Client Sample ID: V881-1-S — **Lab Sample ID: 570-34864-29**
Date Collected: 08/04/20 13:30 — **Matrix: Solid**
Date Received: 08/04/20 16:48

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	580	Z	15		mg/Kg		08/05/20 12:37	08/08/20 00:10	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	132	X	42 - 126	08/05/20 12:37	08/08/20 00:10	100

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	360	Z	87	48	mg/Kg		08/05/20 12:37	08/14/20 21:27	500

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*42 - 126*	*08/05/20 12:37*	*08/14/20 21:27*	*500*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C7 as C7	ND		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C8 as C8	ND		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C9-C10	ND		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C11-C12	**38**	**J**	49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C13-C14	**94**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C15-C16	**160**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C17-C18	**130**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C19-C20	**92**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C21-C22	**63**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C23-C24	**110**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C25-C28	**320**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C29-C32	**280**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C33-C36	**130**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C37-C40	**42**	**J**	49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C41-C44	**19**	**J**	49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
C6-C44	**1500**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1
Diesel Range Organics [C10-C28]	**1000**		49	17	ug/L		08/11/20 14:00	08/14/20 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*68 - 140*	*08/11/20 14:00*	*08/14/20 03:58*	*1*

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C7 as C7	ND		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C8 as C8	ND		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C9-C10	ND		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C11-C12	**83**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C13-C14	**130**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C15-C16	**200**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C17-C18	**170**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C19-C20	**150**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C21-C22	**180**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C23-C24	**500**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C25-C28	**1500**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C29-C32	**1200**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C33-C36	**570**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C37-C40	**190**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C41-C44	**88**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
C6-C44	**5000**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1
Diesel Range Organics [C10-C28]	**2900**		48	16	ug/L		08/11/20 14:00	08/14/20 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*81*		*68 - 140*	*08/11/20 14:00*	*08/14/20 04:18*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C7 as C7	ND		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C8 as C8	ND		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C9-C10	ND		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C11-C12	**84**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C13-C14	**130**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C15-C16	**190**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C17-C18	**150**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C19-C20	**110**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C21-C22	**92**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C23-C24	**200**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C25-C28	**620**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C29-C32	**530**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C33-C36	**250**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C37-C40	**70**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C41-C44	ND		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
C6-C44	**2400**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1
Diesel Range Organics [C10-C28]	**1600**		49	17	ug/L		08/11/20 14:00	08/14/20 04:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*68 - 140*	*08/11/20 14:00*	*08/14/20 04:37*	*1*

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C7 as C7	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C8 as C8	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C9-C10	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C11-C12	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C13-C14	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C15-C16	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C17-C18	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C19-C20	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C21-C22	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C23-C24	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C25-C28	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C29-C32	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C33-C36	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C37-C40	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C41-C44	ND		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
C6-C44	**53**		50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1
Diesel Range Organics [C10-C28]	**31**	**J**	50	17	ug/L		08/11/20 14:00	08/14/20 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*79*		*68 - 140*	*08/11/20 14:00*	*08/14/20 04:57*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C7 as C7	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C8 as C8	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C9-C10	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C11-C12	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C13-C14	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C15-C16	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C17-C18	**5.0**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C19-C20	**8.1**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C21-C22	**11**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C23-C24	**13**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C25-C28	**42**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C29-C32	**71**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C33-C36	**33**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C37-C40	**8.3**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C41-C44	ND		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
C6-C44	**190**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1
Diesel Range Organics [C10-C28]	**81**		4.9	3.5	mg/Kg		08/14/20 11:54	08/14/20 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*101*		*61 - 145*	*08/14/20 11:54*	*08/14/20 21:29*	*1*

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C7 as C7	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C8 as C8	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C9-C10	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C11-C12	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C13-C14	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C15-C16	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C17-C18	**5.4**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C19-C20	**11**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C21-C22	**19**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C23-C24	**29**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C25-C28	**96**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C29-C32	**120**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C33-C36	**39**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C37-C40	**8.6**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C41-C44	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
C6-C44	**330**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1
Diesel Range Organics [C10-C28]	**160**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*81*		*61 - 145*	*08/14/20 11:54*	*08/14/20 21:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C7 as C7	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C8 as C8	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C9-C10	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C11-C12	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C13-C14	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C15-C16	ND		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C17-C18	**3.9**	**J**	5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C19-C20	**8.0**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C21-C22	**13**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C23-C24	**19**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C25-C28	**63**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C29-C32	**79**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C33-C36	**28**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C37-C40	**8.1**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C41-C44	**4.0**	**J**	5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
C6-C44	**230**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1
Diesel Range Organics [C10-C28]	**110**		5.0	3.5	mg/Kg		08/14/20 11:54	08/14/20 22:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*61 - 145*	*08/14/20 11:54*	*08/14/20 22:09*	*1*

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C7 as C7	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C8 as C8	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C9-C10	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C11-C12	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C13-C14	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C15-C16	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C17-C18	**5.4**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C19-C20	**9.7**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C21-C22	**9.9**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C23-C24	**7.9**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C25-C28	**21**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C29-C32	**30**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C33-C36	**21**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C37-C40	**8.0**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C41-C44	ND		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
C6-C44	**120**		4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1
Diesel Range Organics [C10-C28]	**55**	**F2 F1**	4.7	3.3	mg/Kg		08/14/20 11:54	08/17/20 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*08/14/20 11:54*	*08/17/20 10:27*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C7 as C7	ND		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C8 as C8	ND		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C9-C10	ND		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C11-C12	ND		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C13-C14	**8.0**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C15-C16	**19**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C17-C18	**39**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C19-C20	**52**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C21-C22	**38**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C23-C24	**30**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C25-C28	**70**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C29-C32	**70**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C33-C36	**22**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C37-C40	**5.0**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C41-C44	ND		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
C6-C44	**350**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1
Diesel Range Organics [C10-C28]	**260**		4.8	3.4	mg/Kg		08/14/20 11:54	08/14/20 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*61 - 145*	*08/14/20 11:54*	*08/14/20 22:50*	*1*

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C7 as C7	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C8 as C8	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C9-C10	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C11-C12	**4.7**	**J**	5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C13-C14	**26**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C15-C16	**61**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C17-C18	**130**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C19-C20	**170**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C21-C22	**120**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C23-C24	**81**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C25-C28	**150**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C29-C32	**130**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C33-C36	**38**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C37-C40	**8.3**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C41-C44	**4.3**	**J**	5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
C6-C44	**920**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1
Diesel Range Organics [C10-C28]	**740**		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*61 - 145*	*08/14/20 11:54*	*08/14/20 23:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C7 as C7	ND		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C8 as C8	ND		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C9-C10	ND		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C11-C12	ND		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C13-C14	**5.8**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C15-C16	**14**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C17-C18	**29**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C19-C20	**41**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C21-C22	**33**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C23-C24	**22**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C25-C28	**44**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C29-C32	**40**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C33-C36	**13**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C37-C40	**4.4**	**J**	5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C41-C44	ND		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
C6-C44	**250**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1
Diesel Range Organics [C10-C28]	**190**		5.1	3.6	mg/Kg		08/14/20 11:54	08/14/20 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*61 - 145*	*08/14/20 11:54*	*08/14/20 23:30*	*1*

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C7 as C7	ND		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C8 as C8	ND		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C9-C10	ND		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C11-C12	**37**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C13-C14	**120**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C15-C16	**190**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C17-C18	**310**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C19-C20	**350**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C21-C22	**230**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C23-C24	**140**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C25-C28	**250**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C29-C32	**210**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C33-C36	**63**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C37-C40	ND		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C41-C44	ND		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
C6-C44	**1900**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5
Diesel Range Organics [C10-C28]	**1600**		25	18	mg/Kg		08/14/20 11:54	08/14/20 23:50	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*116*		*61 - 145*	*08/14/20 11:54*	*08/14/20 23:50*	*5*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C7 as C7	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C8 as C8	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C9-C10	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C11-C12	**71**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C13-C14	**300**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C15-C16	**420**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C17-C18	**630**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C19-C20	**690**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C21-C22	**490**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C23-C24	**460**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C25-C28	**1400**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C29-C32	**1200**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C33-C36	**350**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C37-C40	**66**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C41-C44	**29**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
C6-C44	**6100**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5
Diesel Range Organics [C10-C28]	**4400**		26	18	mg/Kg		08/14/20 11:54	08/15/20 00:10	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*61 - 145*	*08/14/20 11:54*	*08/15/20 00:10*	*5*

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C7 as C7	ND		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C8 as C8	ND		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C9-C10	ND		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C11-C12	ND		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C13-C14	**86**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C15-C16	**230**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C17-C18	**450**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C19-C20	**530**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C21-C22	**340**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C23-C24	**220**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C25-C28	**390**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C29-C32	**320**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C33-C36	**94**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C37-C40	**23**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C41-C44	ND		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
C6-C44	**2700**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5
Diesel Range Organics [C10-C28]	**2200**		23	16	mg/Kg		08/14/20 11:54	08/15/20 00:30	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*61 - 145*	*08/14/20 11:54*	*08/15/20 00:30*	*5*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C7 as C7	ND		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C8 as C8	ND		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C9-C10	ND		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C11-C12	ND		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C13-C14	**150**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C15-C16	**320**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C17-C18	**680**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C19-C20	**870**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C21-C22	**550**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C23-C24	**310**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C25-C28	**500**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C29-C32	**430**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C33-C36	**150**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C37-C40	**45**	**J**	51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C41-C44	ND		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
C6-C44	**4000**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10
Diesel Range Organics [C10-C28]	**3400**		51	36	mg/Kg		08/14/20 11:54	08/15/20 01:11	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*124*		*61 - 145*	*08/14/20 11:54*	*08/15/20 01:11*	*10*

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C7 as C7	ND		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C8 as C8	ND		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C9-C10	ND		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C11-C12	**34**	**J**	47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C13-C14	**170**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C15-C16	**280**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C17-C18	**470**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C19-C20	**560**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C21-C22	**330**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C23-C24	**190**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C25-C28	**290**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C29-C32	**220**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C33-C36	**65**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C37-C40	ND		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C41-C44	ND		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
C6-C44	**2600**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10
Diesel Range Organics [C10-C28]	**2300**		47	34	mg/Kg		08/14/20 11:54	08/15/20 01:32	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*121*		*61 - 145*	*08/14/20 11:54*	*08/15/20 01:32*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C7 as C7	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C8 as C8	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C9-C10	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C11-C12	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C13-C14	**63**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C15-C16	**85**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C17-C18	**160**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C19-C20	**200**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C21-C22	**140**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C23-C24	**110**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C25-C28	**310**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C29-C32	**370**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C33-C36	**140**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C37-C40	**39**	**J**	50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C41-C44	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
C6-C44	**1700**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10
Diesel Range Organics [C10-C28]	**1100**		50	35	mg/Kg		08/14/20 11:54	08/15/20 01:52	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*124*		*61 - 145*	*08/14/20 11:54*	*08/15/20 01:52*	*10*

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C7 as C7	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C8 as C8	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C9-C10	**78**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C11-C12	**700**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C13-C14	**1700**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C15-C16	**1800**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C17-C18	**2200**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C19-C20	**2000**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C21-C22	**1100**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C23-C24	**600**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C25-C28	**920**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C29-C32	**680**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C33-C36	**200**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C37-C40	**48**	**J**	50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C41-C44	ND		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
C6-C44	**12000**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10
Diesel Range Organics [C10-C28]	**11000**		50	35	mg/Kg		08/14/20 11:54	08/15/20 02:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*143*		*61 - 145*	*08/14/20 11:54*	*08/15/20 02:12*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C7 as C7	ND		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C8 as C8	ND		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C9-C10	**110**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C11-C12	**800**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C13-C14	**1700**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C15-C16	**1400**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C17-C18	**1800**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C19-C20	**1400**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C21-C22	**670**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C23-C24	**360**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C25-C28	**600**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C29-C32	**630**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C33-C36	**380**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C37-C40	**120**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C41-C44	ND		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
C6-C44	**9900**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10
Diesel Range Organics [C10-C28]	**8700**		50	35	mg/Kg		08/14/20 11:54	08/17/20 10:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*125*		*61 - 145*	*08/14/20 11:54*	*08/17/20 10:47*	*10*

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C7 as C7	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C8 as C8	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C9-C10	**68**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C11-C12	**460**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C13-C14	**990**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C15-C16	**970**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C17-C18	**1100**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C19-C20	**1000**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C21-C22	**580**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C23-C24	**330**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C25-C28	**500**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C29-C32	**330**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C33-C36	**84**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C37-C40	**20**	**J**	26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C41-C44	ND		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
C6-C44	**6500**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5
Diesel Range Organics [C10-C28]	**6000**		26	18	mg/Kg		08/14/20 11:54	08/15/20 02:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*129*		*61 - 145*	*08/14/20 11:54*	*08/15/20 02:53*	*5*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C7 as C7	ND		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C8 as C8	ND		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C9-C10	**620**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C11-C12	**3200**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C13-C14	**5500**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C15-C16	**4700**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C17-C18	**6600**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C19-C20	**5500**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C21-C22	**2500**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C23-C24	**1100**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C25-C28	**1700**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C29-C32	**1800**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C33-C36	**1200**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C37-C40	**400**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C41-C44	ND		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
C6-C44	**35000**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50
Diesel Range Organics [C10-C28]	**31000**		260	180	mg/Kg		08/14/20 11:54	08/17/20 11:07	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*141*		*61 - 145*	*08/14/20 11:54*	*08/17/20 11:07*	*50*

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C7 as C7	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C8 as C8	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C9-C10	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C11-C12	**64**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C13-C14	**87**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C15-C16	**67**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C17-C18	**85**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C19-C20	**86**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C21-C22	**49**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C23-C24	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C25-C28	**38**	**J**	48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C29-C32	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C33-C36	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C37-C40	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C41-C44	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
C6-C44	**590**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10
Diesel Range Organics [C10-C28]	**510**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:34	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*132*		*61 - 145*	*08/14/20 11:54*	*08/15/20 03:34*	*10*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C7 as C7	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C8 as C8	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C9-C10	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C11-C12	**71**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C13-C14	**96**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C15-C16	**72**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C17-C18	**87**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C19-C20	**85**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C21-C22	**48**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C23-C24	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C25-C28	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C29-C32	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C33-C36	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C37-C40	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C41-C44	ND		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
C6-C44	**570**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10
Diesel Range Organics [C10-C28]	**520**		48	34	mg/Kg		08/14/20 11:54	08/15/20 03:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*128*		*61 - 145*	*08/14/20 11:54*	*08/15/20 03:54*	*10*

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C7 as C7	ND		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C8 as C8	ND		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C9-C10	ND		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C11-C12	**3100**	**J**	4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C13-C14	**21000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C15-C16	**41000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C17-C18	**67000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C19-C20	**52000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C21-C22	**38000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C23-C24	**30000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C25-C28	**53000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C29-C32	**50000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C33-C36	**28000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C37-C40	**8600**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C41-C44	ND		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
C6-C44	**390000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100
Diesel Range Organics [C10-C28]	**300000**		4000	2900	mg/Kg		08/14/20 11:54	08/17/20 11:27	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*346*	*X*	*61 - 145*	*08/14/20 11:54*	*08/17/20 11:27*	*100*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1221	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1232	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1242	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1248	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1254	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1260	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1262	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1
Aroclor-1268	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*101*		*20 - 139*	*08/07/20 14:04*	*08/10/20 11:11*	*1*
DCB Decachlorobiphenyl (Surr)	*67*		*20 - 154*	*08/07/20 14:04*	*08/10/20 11:11*	*1*

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1221	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1232	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1242	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1248	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1254	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1260	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1262	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1
Aroclor-1268	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*94*		*20 - 139*	*08/07/20 14:04*	*08/10/20 11:29*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*20 - 154*	*08/07/20 14:04*	*08/10/20 11:29*	*1*

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1221	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1232	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1242	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1248	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1254	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1260	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1262	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1
Aroclor-1268	ND		0.47		ug/L		08/07/20 14:04	08/10/20 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*90*		*20 - 139*	*08/07/20 14:04*	*08/10/20 11:47*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 154*	*08/07/20 14:04*	*08/10/20 11:47*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*25 - 126*	*08/05/20 09:45*	*08/06/20 01:08*	*1*
DCB Decachlorobiphenyl (Surr)	*82*		*20 - 155*	*08/05/20 09:45*	*08/06/20 01:08*	*1*

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*25 - 126*	*08/05/20 09:45*	*08/06/20 01:26*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*20 - 155*	*08/05/20 09:45*	*08/06/20 01:26*	*1*

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*25 - 126*	*08/05/20 09:45*	*08/06/20 01:44*	*1*
DCB Decachlorobiphenyl (Surr)	*78*		*20 - 155*	*08/05/20 09:45*	*08/06/20 01:44*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*68*		*25 - 126*	*08/05/20 09:45*	*08/06/20 02:01*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 155*	*08/05/20 09:45*	*08/06/20 02:01*	*1*

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*62*		*25 - 126*	*08/05/20 09:45*	*08/06/20 02:19*	*1*
DCB Decachlorobiphenyl (Surr)	*75*		*20 - 155*	*08/05/20 09:45*	*08/06/20 02:19*	*1*

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*63*		*25 - 126*	*08/05/20 09:45*	*08/06/20 02:37*	*1*
DCB Decachlorobiphenyl (Surr)	*79*		*20 - 155*	*08/05/20 09:45*	*08/06/20 02:37*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*56*		*25 - 126*	*08/05/20 09:45*	*08/06/20 02:55*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*20 - 155*	*08/05/20 09:45*	*08/06/20 02:55*	*1*

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*52*		*25 - 126*	*08/05/20 09:45*	*08/06/20 03:13*	*1*
DCB Decachlorobiphenyl (Surr)	*66*		*20 - 155*	*08/05/20 09:45*	*08/06/20 03:13*	*1*

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*57*		*25 - 126*	*08/05/20 09:45*	*08/06/20 03:31*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*20 - 155*	*08/05/20 09:45*	*08/06/20 03:31*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*59*		*25 - 126*	*08/05/20 09:45*	*08/06/20 03:49*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*20 - 155*	*08/05/20 09:45*	*08/06/20 03:49*	*1*

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1221	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1232	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1242	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1248	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1254	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1260	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1262	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1
Aroclor-1268	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*55*		*25 - 126*	*08/05/20 09:45*	*08/06/20 04:07*	*1*
DCB Decachlorobiphenyl (Surr)	*65*		*20 - 155*	*08/05/20 09:45*	*08/06/20 04:07*	*1*

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1221	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1232	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1242	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1248	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1254	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1260	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1262	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1
Aroclor-1268	ND		49		ug/Kg		08/05/20 09:45	08/06/20 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*54*		*25 - 126*	*08/05/20 09:45*	*08/06/20 04:25*	*1*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 155*	*08/05/20 09:45*	*08/06/20 04:25*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*59*		*25 - 126*	*08/05/20 09:45*	*08/06/20 04:43*	*1*
DCB Decachlorobiphenyl (Surr)	*71*		*20 - 155*	*08/05/20 09:45*	*08/06/20 04:43*	*1*

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1221	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1232	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1242	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1248	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1254	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1260	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1262	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1
Aroclor-1268	ND		49		ug/Kg		08/05/20 09:45	08/06/20 05:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*57*		*25 - 126*	*08/05/20 09:45*	*08/06/20 05:01*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*20 - 155*	*08/05/20 09:45*	*08/06/20 05:01*	*1*

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*64*		*25 - 126*	*08/05/20 09:45*	*08/06/20 05:19*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*20 - 155*	*08/05/20 09:45*	*08/06/20 05:19*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*81*		*25 - 126*	*08/05/20 09:45*	*08/06/20 05:55*	*1*
DCB Decachlorobiphenyl (Surr)	*62*		*20 - 155*	*08/05/20 09:45*	*08/06/20 05:55*	*1*

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*89*		*25 - 126*	*08/05/20 09:45*	*08/06/20 06:13*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*20 - 155*	*08/05/20 09:45*	*08/06/20 06:13*	*1*

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1221	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1232	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1242	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1248	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1254	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1260	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1262	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1
Aroclor-1268	ND		49		ug/Kg		08/05/20 09:45	08/06/20 06:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*81*		*25 - 126*	*08/05/20 09:45*	*08/06/20 06:31*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*20 - 155*	*08/05/20 09:45*	*08/06/20 06:31*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/06/20 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*114*		*25 - 126*	*08/05/20 09:45*	*08/06/20 06:48*	*1*
DCB Decachlorobiphenyl (Surr)	*55*		*20 - 155*	*08/05/20 09:45*	*08/06/20 06:48*	*1*

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		1800	480	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1221	ND		1800	480	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1232	ND		1800	480	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1242	ND		1800	480	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1248	ND		1800	480	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1254	ND		1800	540	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1260	ND		1800	540	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1262	ND		1800	540	ug/Kg		08/13/20 19:02	08/14/20 15:19	1
Aroclor-1268	ND		1800	540	ug/Kg		08/13/20 19:02	08/14/20 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*87*		*25 - 126*	*08/13/20 19:02*	*08/14/20 15:19*	*1*
DCB Decachlorobiphenyl (Surr)	*70*		*20 - 155*	*08/13/20 19:02*	*08/14/20 15:19*	*1*

Method: 300.0 - Anions, Ion Chromatography

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18000		400		mg/L			08/12/20 16:21	400

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25000		400		mg/L			08/12/20 16:39	400

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19000		400		mg/L			08/12/20 16:58	400

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		100		mg/Kg			08/11/20 10:51	10

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2000		100		mg/Kg			08/11/20 11:12	10

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2100		100		mg/Kg			08/11/20 11:32	10

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4000		100		mg/Kg			08/11/20 11:52	10

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4400		100		mg/Kg			08/11/20 12:13	10

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6400		100		mg/Kg			08/11/20 13:41	10

Method: 7199 - Chromium, Hexavalent (IC)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**5.3**		2.0		ug/L			08/04/20 20:05	2

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**2.6**		2.0		ug/L			08/04/20 20:32	2

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**2.6**		2.0		ug/L			08/04/20 20:41	2

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		1.0		ug/L			08/04/20 20:50	1

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**440**		400		ug/Kg		08/10/20 10:24	08/10/20 15:14	10

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/10/20 10:24	08/10/20 15:23	10

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/10/20 10:24	08/10/20 15:58	10

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/10/20 10:24	08/10/20 16:07	10

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 20:43	10

Method: 7199 - Chromium, Hexavalent (IC)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 20:52	10

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**620**		400		ug/Kg		08/11/20 15:41	08/12/20 21:01	10

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 21:10	10

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 21:19	10

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 21:28	10

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**950**		400		ug/Kg		08/11/20 15:41	08/12/20 22:03	10

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 22:12	10

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 22:21	10

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 22:30	10

Method: 7199 - Chromium, Hexavalent (IC)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 22:39	10

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 22:48	10

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	**430**		400		ug/Kg		08/11/20 15:41	08/12/20 22:57	10

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 23:06	10

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:46	08/12/20 23:15	10

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 7199 - Chromium, Hexavalent (IC) - TCLP

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	0.17	J	1.0	0.066	ug/L			08/15/20 15:34	1

Client Sample Results

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 7199 - Chromium, Hexavalent (IC) - STLC DI

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		1.0	0.066	ug/L			08/08/20 13:45	1

Method: 8315A - Carbonyl Compounds (HPLC)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:25	1
Chloracetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:25	1
Formaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:25	1
Glutaraldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:25	1

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:44	1
Chloracetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:44	1
Formaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:44	1
Glutaraldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 14:44	1

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 15:02	1
Chloracetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 15:02	1
Formaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 15:02	1
Glutaraldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 15:02	1

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 13:49	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 13:49	1
Formaldehyde	**1.6**		1.0		mg/Kg		08/12/20 04:24	08/12/20 13:49	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 13:49	1

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:07	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:07	1
Formaldehyde	**1.8**		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:07	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:07	1

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:26	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:26	1
Formaldehyde	**2.0**		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:26	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:26	1

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8315A - Carbonyl Compounds (HPLC)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:44	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:44	1
Formaldehyde	**4.0**		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:44	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 14:44	1

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:03	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:03	1
Formaldehyde	**9.1**		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:03	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:03	1

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:22	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:22	1
Formaldehyde	**12**		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:22	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 15:22	1

Method: 6010B - Metals (ICP)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	L	0.500		mg/L			08/08/20 00:13	1
Sulfur	**34.1**		0.250		mg/L			08/08/20 00:13	1
Antimony	**0.245**		0.100		mg/L			08/08/20 00:13	1
Arsenic	ND	L	0.100		mg/L			08/08/20 00:13	1
Barium	**5.79**		0.0100		mg/L			08/08/20 00:13	1
Beryllium	ND		0.0100		mg/L			08/08/20 00:13	1
Cadmium	ND		0.0100		mg/L			08/08/20 00:13	1
Chromium	ND		0.0500		mg/L			08/08/20 00:13	1
Cobalt	ND		0.0500		mg/L			08/08/20 00:13	1
Copper	ND		0.0500		mg/L			08/08/20 00:13	1
Lead	ND		0.0500		mg/L			08/08/20 00:13	1
Molybdenum	ND		0.0500		mg/L			08/08/20 00:13	1
Nickel	ND		0.0500		mg/L			08/08/20 00:13	1
Selenium	ND		0.100		mg/L			08/08/20 00:13	1
Boron	**1.93**		0.500		mg/L			08/08/20 00:13	1
Silver	ND		0.0100		mg/L			08/08/20 00:13	1
Thallium	ND		0.0500		mg/L			08/08/20 00:13	1
Vanadium	ND		0.0100		mg/L			08/08/20 00:13	1
Zinc	ND		0.250		mg/L			08/08/20 00:13	1
Calcium	**7300**		20.0		mg/L		08/07/20 15:19	08/08/20 16:59	10
Iron	**0.597**		0.500		mg/L			08/08/20 00:13	1
Magnesium	**217**		0.500		mg/L			08/08/20 00:13	1
Manganese	**13.0**		0.0500		mg/L			08/08/20 00:13	1
Phosphorus	ND		0.250		mg/L			08/08/20 00:13	1
Potassium	**1640**		20.0		mg/L		08/07/20 15:19	08/08/20 16:59	10
Silicon	**10.5**		0.250		mg/L			08/08/20 00:13	1
Sodium	**814**		20.0		mg/L		08/07/20 15:19	08/08/20 16:59	10
Strontium	ND		0.0100		mg/L			08/08/20 00:13	1
Titanium	ND	L	0.0500		mg/L			08/08/20 00:13	1

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	L	0.500		mg/L			08/08/20 00:16	1
Sulfur	**35.0**		0.250		mg/L			08/08/20 00:16	1
Antimony	**0.237**		0.100		mg/L			08/08/20 00:16	1
Arsenic	ND	L	0.100		mg/L			08/08/20 00:16	1
Barium	**5.88**		0.0100		mg/L			08/08/20 00:16	1
Beryllium	ND		0.0100		mg/L			08/08/20 00:16	1
Cadmium	ND		0.0100		mg/L			08/08/20 00:16	1
Chromium	ND		0.0500		mg/L			08/08/20 00:16	1
Cobalt	ND		0.0500		mg/L			08/08/20 00:16	1
Copper	ND		0.0500		mg/L			08/08/20 00:16	1
Lead	ND		0.0500		mg/L			08/08/20 00:16	1
Molybdenum	ND		0.0500		mg/L			08/08/20 00:16	1
Nickel	ND		0.0500		mg/L			08/08/20 00:16	1
Selenium	ND		0.100		mg/L			08/08/20 00:16	1
Boron	**1.99**		0.500		mg/L			08/08/20 00:16	1
Silver	ND		0.0100		mg/L			08/08/20 00:16	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		0.0500		mg/L			08/08/20 00:16	1
Vanadium	ND		0.0100		mg/L			08/08/20 00:16	1
Zinc	ND		0.250		mg/L			08/08/20 00:16	1
Calcium	**7500**		20.0		mg/L		08/07/20 15:19	08/08/20 17:01	10
Iron	**0.852**		0.500		mg/L			08/08/20 00:16	1
Magnesium	**220**		0.500		mg/L			08/08/20 00:16	1
Manganese	**13.2**		0.0500		mg/L			08/08/20 00:16	1
Phosphorus	ND		0.250		mg/L			08/08/20 00:16	1
Potassium	**1680**		20.0		mg/L		08/07/20 15:19	08/08/20 17:01	10
Silicon	**10.8**		0.250		mg/L			08/08/20 00:16	1
Sodium	**826**		20.0		mg/L		08/07/20 15:19	08/08/20 17:01	10
Strontium	ND		0.0100		mg/L			08/08/20 00:16	1
Titanium	ND	L	0.0500		mg/L			08/08/20 00:16	1

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND	L	0.500		mg/L			08/08/20 00:18	1
Sulfur	**33.9**		0.250		mg/L			08/08/20 00:18	1
Antimony	**0.206**		0.100		mg/L			08/08/20 00:18	1
Arsenic	ND	L	0.100		mg/L			08/08/20 00:18	1
Barium	**5.87**		0.0100		mg/L			08/08/20 00:18	1
Beryllium	ND		0.0100		mg/L			08/08/20 00:18	1
Cadmium	ND		0.0100		mg/L			08/08/20 00:18	1
Chromium	ND		0.0500		mg/L			08/08/20 00:18	1
Cobalt	ND		0.0500		mg/L			08/08/20 00:18	1
Copper	ND		0.0500		mg/L			08/08/20 00:18	1
Lead	ND		0.0500		mg/L			08/08/20 00:18	1
Molybdenum	ND		0.0500		mg/L			08/08/20 00:18	1
Nickel	ND		0.0500		mg/L			08/08/20 00:18	1
Selenium	ND		0.100		mg/L			08/08/20 00:18	1
Boron	**1.97**		0.500		mg/L			08/08/20 00:18	1
Silver	ND		0.0100		mg/L			08/08/20 00:18	1
Thallium	ND		0.0500		mg/L			08/08/20 00:18	1
Vanadium	ND		0.0100		mg/L			08/08/20 00:18	1
Zinc	ND		0.250		mg/L			08/08/20 00:18	1
Calcium	**7330**		20.0		mg/L		08/07/20 15:19	08/08/20 17:03	10
Iron	**0.703**		0.500		mg/L			08/08/20 00:18	1
Magnesium	**218**		0.500		mg/L			08/08/20 00:18	1
Manganese	**13.1**		0.0500		mg/L			08/08/20 00:18	1
Phosphorus	ND		0.250		mg/L			08/08/20 00:18	1
Potassium	**1630**		20.0		mg/L		08/07/20 15:19	08/08/20 17:03	10
Silicon	**10.7**		0.250		mg/L			08/08/20 00:18	1
Sodium	**810**		20.0		mg/L		08/07/20 15:19	08/08/20 17:03	10
Strontium	ND		0.0100		mg/L			08/08/20 00:18	1
Titanium	ND	L	0.0500		mg/L			08/08/20 00:18	1

Method: 6010B - Metals (ICP)

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Sulfur	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:45	1
Antimony	ND		0.100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Arsenic	ND		0.100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Barium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Beryllium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Cadmium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Chromium	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Cobalt	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Copper	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Lead	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Molybdenum	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Nickel	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Selenium	ND		0.100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Boron	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Silver	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Thallium	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Vanadium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Zinc	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:45	1
Calcium	ND		2.00		mg/L		08/07/20 15:19	08/07/20 23:45	1
Iron	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Magnesium	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Manganese	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1
Phosphorus	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:45	1
Potassium	ND		2.00		mg/L		08/07/20 15:19	08/07/20 23:45	1
Silicon	**3.03**		0.250		mg/L		08/07/20 15:19	08/07/20 23:45	1
Sodium	**116**		2.00		mg/L		08/07/20 15:19	08/07/20 23:45	1
Strontium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:45	1
Titanium	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:45	1

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7170**		2.44	0.349	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Sulfur	**152**	**B**	4.88	0.779	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Antimony	ND	L F1	0.732	0.145	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Arsenic	**8.17**		0.732	0.253	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Barium	**220**		0.488	0.150	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Beryllium	**1.24**		0.244	0.134	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Boron	ND	L F1	1.95	0.438	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Cadmium	**8.65**		0.488	0.132	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Calcium	**19200**		4.88	0.372	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Chromium	**22.3**		0.244	0.139	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Cobalt	**8.41**		0.244	0.144	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Copper	**44.4**		0.488	0.132	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Iron	**19200**		4.88	0.130	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Lead	**5.62**		0.488	0.129	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Magnesium	**4680**		4.88	0.165	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Manganese	**276**		0.244	0.136	mg/Kg		08/12/20 20:30	08/13/20 12:56	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**25.8**		0.244	0.129	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Nickel	**86.4**		0.244	0.141	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Phosphorus	**1760**	**B**	4.88	0.244	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Potassium	**2880**		24.4	1.71	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Selenium	ND	L	0.732	0.293	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Silicon	**94.3**	**F1**	4.88	1.29	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Silver	**0.132**	**J**	0.244	0.0836	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Sodium	**346**	**B**	24.4	1.78	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Strontium	**74.7**	**F1**	1.46	0.135	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Thallium	ND		0.732	0.148	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Tin	ND	L F1	2.44	0.145	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Titanium	**254**		1.46	0.135	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Vanadium	**113**		0.244	0.138	mg/Kg		08/12/20 20:30	08/13/20 12:56	1
Zinc	**128**		0.976	0.174	mg/Kg		08/12/20 20:30	08/13/20 12:56	1

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7100**		2.46	0.353	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Sulfur	**159**	**B**	4.93	0.786	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Antimony	ND		0.739	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Arsenic	**7.28**		0.739	0.255	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Barium	**200**		0.493	0.152	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Beryllium	**1.10**		0.246	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Boron	ND		1.97	0.442	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Cadmium	**7.60**		0.493	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Calcium	**19100**		4.93	0.375	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Chromium	**22.6**		0.246	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Cobalt	**7.32**		0.246	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Copper	**42.4**		0.493	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Iron	**17600**		4.93	0.131	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Lead	**4.26**		0.493	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Magnesium	**5550**		4.93	0.167	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Manganese	**244**		0.246	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Molybdenum	**17.5**		0.246	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Nickel	**80.6**		0.246	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Phosphorus	**1630**	**B**	4.93	0.246	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Potassium	**2650**		24.6	1.72	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Selenium	ND	L	0.739	0.296	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Silicon	**101**		4.93	1.30	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Silver	ND		0.246	0.0844	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Sodium	**391**	**B**	24.6	1.79	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Strontium	**76.2**		1.48	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Thallium	ND		0.739	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Tin	ND	L	2.46	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Titanium	**260**		1.48	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Vanadium	**102**		0.246	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:03	1
Zinc	**120**		0.985	0.175	mg/Kg		08/12/20 20:30	08/13/20 13:03	1

Method: 6010B - Metals (ICP)

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7090**		2.51	0.360	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Sulfur	**160**	**B**	5.03	0.802	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Antimony	ND		0.754	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Arsenic	**7.16**		0.754	0.260	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Barium	**230**		0.503	0.155	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Beryllium	**1.08**		0.251	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Boron	ND	L	2.01	0.451	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Cadmium	**7.36**		0.503	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Calcium	**23700**		5.03	0.383	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Chromium	**21.7**		0.251	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Cobalt	**8.11**		0.251	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Copper	**41.6**		0.503	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Iron	**17300**		5.03	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Lead	**5.39**		0.503	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Magnesium	**8130**		5.03	0.170	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Manganese	**254**		0.251	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Molybdenum	**16.8**		0.251	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Nickel	**80.3**		0.251	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Phosphorus	**1630**	**B**	5.03	0.251	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Potassium	**2760**		25.1	1.76	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Selenium	ND	L	0.754	0.302	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Silicon	**87.4**		5.03	1.33	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Silver	ND		0.251	0.0861	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Sodium	**427**	**B**	25.1	1.83	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Strontium	**89.1**		1.51	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Thallium	ND		0.754	0.153	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Tin	ND	L	2.51	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Titanium	**242**		1.51	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Vanadium	**99.4**		0.251	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:05	1
Zinc	**118**		1.01	0.179	mg/Kg		08/12/20 20:30	08/13/20 13:05	1

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4070**		2.53	0.362	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Sulfur	**1050**	**B**	5.05	0.806	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Antimony	ND		0.758	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Arsenic	**6.24**		0.758	0.262	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Barium	**246**		0.505	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Beryllium	**0.580**		0.253	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Boron	ND		2.02	0.454	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Cadmium	**4.48**		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Calcium	**13400**		5.05	0.385	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Chromium	**10.8**		0.253	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Cobalt	**4.45**		0.253	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Copper	**19.2**		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Iron	**10200**		5.05	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Lead	**3.76**		0.505	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Magnesium	**2220**		5.05	0.171	mg/Kg		08/12/20 20:30	08/13/20 13:07	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**187**		0.253	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Molybdenum	**10.2**		0.253	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Nickel	**37.1**		0.253	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Phosphorus	**820**	**B**	5.05	0.253	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Potassium	**1510**		25.3	1.77	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Selenium	ND	L	0.758	0.303	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Silicon	**77.6**		5.05	1.33	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Silver	ND		0.253	0.0866	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Sodium	**273**	**B**	25.3	1.84	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Strontium	**42.7**		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Thallium	ND		0.758	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Tin	ND	L	2.53	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Titanium	**144**		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Vanadium	**48.2**		0.253	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:07	1
Zinc	**64.7**		1.01	0.180	mg/Kg		08/12/20 20:30	08/13/20 13:07	1

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4210**		2.46	0.353	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Sulfur	**403**	**B**	4.93	0.786	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Antimony	ND		0.739	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Arsenic	**5.47**		0.739	0.255	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Barium	**1160**		0.493	0.152	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Beryllium	**0.634**		0.246	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Boron	ND		1.97	0.442	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Cadmium	**3.98**		0.493	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Calcium	**11000**		4.93	0.375	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Chromium	**12.7**		0.246	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Cobalt	**3.59**		0.246	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Copper	**28.8**		0.493	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Iron	**11700**		4.93	0.131	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Lead	**8.64**		0.493	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Magnesium	**2390**		4.93	0.167	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Manganese	**191**		0.246	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Molybdenum	**10.2**		0.246	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Nickel	**40.9**		0.246	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Phosphorus	**1480**	**B**	4.93	0.246	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Potassium	**2210**		24.6	1.72	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Selenium	ND		0.739	0.296	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Silicon	**116**		4.93	1.30	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Silver	ND		0.246	0.0844	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Sodium	**372**	**B**	24.6	1.79	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Strontium	**82.1**		1.48	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Thallium	ND		0.739	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Tin	ND	L	2.46	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Titanium	**248**		1.48	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Vanadium	**57.4**		0.246	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:09	1
Zinc	**77.8**		0.985	0.175	mg/Kg		08/12/20 20:30	08/13/20 13:09	1

Method: 6010B - Metals (ICP)

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4250		2.49	0.356	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Sulfur	535	B	4.98	0.794	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Antimony	ND		0.746	0.148	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Arsenic	5.75		0.746	0.258	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Barium	971		0.498	0.153	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Beryllium	0.605		0.249	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Boron	1.37	J B	1.99	0.447	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Cadmium	4.38		0.498	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Calcium	12300		4.98	0.379	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Chromium	13.1		0.249	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Cobalt	3.56		0.249	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Copper	25.8		0.498	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Iron	11000		4.98	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Lead	13.7		0.498	0.131	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Magnesium	2510		4.98	0.168	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Manganese	163		0.249	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Molybdenum	9.39		0.249	0.131	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Nickel	40.6		0.249	0.144	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Phosphorus	1130	B	4.98	0.249	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Potassium	2160		24.9	1.74	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Selenium	ND	L	0.746	0.299	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Silicon	103		4.98	1.31	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Silver	ND		0.249	0.0853	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Sodium	475	B	24.9	1.81	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Strontium	116		1.49	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Thallium	ND	L	0.746	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Tin	ND	L	2.49	0.148	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Titanium	214		1.49	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Vanadium	54.5		0.249	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:11	1
Zinc	78.2		0.995	0.177	mg/Kg		08/12/20 20:30	08/13/20 13:11	1

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2860		2.55	0.365	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Sulfur	280	B	5.10	0.814	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Antimony	ND		0.765	0.152	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Arsenic	4.17		0.765	0.264	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Barium	772		0.510	0.157	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Beryllium	0.405		0.255	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Boron	ND		2.04	0.458	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Cadmium	3.16		0.510	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Calcium	11200		5.10	0.389	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Chromium	9.44		0.255	0.145	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Cobalt	2.43		0.255	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Copper	17.8		0.510	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Iron	7720		5.10	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Lead	8.38		0.510	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Magnesium	1680		5.10	0.172	mg/Kg		08/12/20 20:30	08/13/20 13:13	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	106		0.255	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Molybdenum	6.64		0.255	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Nickel	26.9		0.255	0.148	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Phosphorus	810	B	5.10	0.255	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Potassium	1460		25.5	1.79	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Selenium	ND	L	0.765	0.306	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Silicon	110		5.10	1.35	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Silver	ND		0.255	0.0874	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Sodium	272	B	25.5	1.86	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Strontium	65.9		1.53	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Thallium	ND		0.765	0.155	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Tin	ND	L	2.55	0.152	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Titanium	182		1.53	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Vanadium	37.4		0.255	0.144	mg/Kg		08/12/20 20:30	08/13/20 13:13	1
Zinc	53.3		1.02	0.182	mg/Kg		08/12/20 20:30	08/13/20 13:13	1

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4150		2.51	0.360	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Sulfur	862	B	5.03	0.802	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Antimony	ND	L	0.754	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Arsenic	5.88		0.754	0.260	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Barium	875		0.503	0.155	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Beryllium	0.662		0.251	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Boron	2.16	B	2.01	0.451	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Cadmium	4.94		0.503	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Calcium	15400		5.03	0.383	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Chromium	13.0		0.251	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Cobalt	6.06		0.251	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Copper	27.2		0.503	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Iron	11900		5.03	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Lead	8.52		0.503	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Magnesium	2360		5.03	0.170	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Manganese	340		0.251	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Molybdenum	10.2		0.251	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Nickel	57.7		0.251	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Phosphorus	1040	B	5.03	0.251	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Potassium	2060		25.1	1.76	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Selenium	ND	L	0.754	0.302	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Silicon	99.8		5.03	1.33	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Silver	ND		0.251	0.0861	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Sodium	578	B	25.1	1.83	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Strontium	144		1.51	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Thallium	ND		0.754	0.153	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Tin	ND	L	2.51	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Titanium	203		1.51	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Vanadium	61.0		0.251	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:16	1
Zinc	78.4		1.01	0.179	mg/Kg		08/12/20 20:30	08/13/20 13:16	1

Method: 6010B - Metals (ICP)

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5220		2.54	0.363	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Sulfur	444	B	5.08	0.810	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Antimony	ND	L	0.761	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Arsenic	6.33		0.761	0.263	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Barium	1040		0.508	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Beryllium	0.835		0.254	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Boron	1.38	J B	2.03	0.456	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Cadmium	6.48		0.508	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Calcium	15300		5.08	0.387	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Chromium	16.9		0.254	0.144	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Cobalt	4.30		0.254	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Copper	33.5		0.508	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Iron	13800		5.08	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Lead	18.3		0.508	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Magnesium	2760		5.08	0.172	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Manganese	209		0.254	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Molybdenum	11.9		0.254	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Nickel	55.9		0.254	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Phosphorus	1510	B	5.08	0.254	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Potassium	2550		25.4	1.78	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Selenium	ND	L	0.761	0.305	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Silicon	77.5		5.08	1.34	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Silver	ND		0.254	0.0870	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Sodium	659	B	25.4	1.85	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Strontium	149		1.52	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Thallium	ND		0.761	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Tin	ND	L	2.54	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Titanium	231		1.52	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Vanadium	76.1		0.254	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:26	1
Zinc	94.1		1.02	0.181	mg/Kg		08/12/20 20:30	08/13/20 13:26	1

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5180		2.53	0.362	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Sulfur	581	B	5.05	0.806	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Antimony	ND	L	0.758	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Arsenic	5.90		0.758	0.262	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Barium	1070		0.505	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Beryllium	0.832		0.253	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Boron	1.84	J B	2.02	0.454	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Cadmium	6.66		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Calcium	18300		5.05	0.385	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Chromium	16.9		0.253	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Cobalt	5.72		0.253	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Copper	32.9		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Iron	13900		5.05	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Lead	8.77		0.505	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Magnesium	2840		5.05	0.171	mg/Kg		08/12/20 20:30	08/13/20 13:28	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	255		0.253	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Molybdenum	12.6		0.253	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Nickel	61.2		0.253	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Phosphorus	1330	B	5.05	0.253	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Potassium	2420		25.3	1.77	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Selenium	ND	L	0.758	0.303	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Silicon	95.3		5.05	1.33	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Silver	ND		0.253	0.0866	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Sodium	730	B	25.3	1.84	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Strontium	176		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Thallium	ND		0.758	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Tin	ND	L	2.53	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Titanium	233		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Vanadium	77.5		0.253	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:28	1
Zinc	96.6		1.01	0.180	mg/Kg		08/12/20 20:30	08/13/20 13:28	1

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5110		2.50	0.358	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Sulfur	368	B	5.00	0.798	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Antimony	ND		0.750	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Arsenic	5.56		0.750	0.259	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Barium	977		0.500	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Beryllium	0.812		0.250	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Boron	ND		2.00	0.449	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Cadmium	5.21		0.500	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Calcium	9030		5.00	0.381	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Chromium	16.2		0.250	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Cobalt	4.03		0.250	0.148	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Copper	32.3		0.500	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Iron	13700		5.00	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Lead	6.85		0.500	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Magnesium	2560		5.00	0.169	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Manganese	160		0.250	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Molybdenum	12.6		0.250	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Nickel	56.8		0.250	0.145	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Phosphorus	1240	B	5.00	0.250	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Potassium	2260		25.0	1.75	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Selenium	ND	L	0.750	0.300	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Silicon	99.2		5.00	1.32	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Silver	ND		0.250	0.0857	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Sodium	489	B	25.0	1.82	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Strontium	110		1.50	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Thallium	ND		0.750	0.152	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Tin	ND	L	2.50	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Titanium	215		1.50	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Vanadium	75.2		0.250	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:30	1
Zinc	93.7		1.00	0.178	mg/Kg		08/12/20 20:30	08/13/20 13:30	1

Method: 6010B - Metals (ICP)

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5720		2.45	0.351	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Sulfur	667	B	4.90	0.782	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Antimony	ND	L	0.735	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Arsenic	8.52		0.735	0.254	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Barium	1210		0.490	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Beryllium	0.937		0.245	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Boron	1.69	J B	1.96	0.440	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Cadmium	7.56		0.490	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Calcium	16200		4.90	0.374	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Chromium	18.3		0.245	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Cobalt	5.32		0.245	0.145	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Copper	35.3		0.490	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Iron	15000		4.90	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Lead	15.0		0.490	0.129	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Magnesium	2980		4.90	0.166	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Manganese	276		0.245	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Molybdenum	13.6		0.245	0.129	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Nickel	66.6		0.245	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Phosphorus	1540	B	4.90	0.245	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Potassium	2750		24.5	1.72	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Selenium	ND	L	0.735	0.294	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Silicon	81.1		4.90	1.29	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Silver	0.103	J	0.245	0.0840	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Sodium	854	B	24.5	1.78	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Strontium	173		1.47	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Thallium	ND		0.735	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Tin	ND	L	2.45	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Titanium	242		1.47	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Vanadium	90.4		0.245	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:33	1
Zinc	104		0.980	0.175	mg/Kg		08/12/20 20:30	08/13/20 13:33	1

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5440		2.56	0.367	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Sulfur	277	B	5.13	0.818	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Antimony	ND		0.769	0.153	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Arsenic	6.22		0.769	0.266	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Barium	684		0.513	0.158	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Beryllium	0.828		0.256	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Boron	ND		2.05	0.461	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Cadmium	6.23		0.513	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Calcium	10700		5.13	0.391	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Chromium	16.6		0.256	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Cobalt	4.38		0.256	0.152	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Copper	32.3		0.513	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Iron	13800		5.13	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Lead	8.73		0.513	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Magnesium	2490		5.13	0.173	mg/Kg		08/12/20 20:30	08/13/20 13:35	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**225**		0.256	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Molybdenum	**13.1**		0.256	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Nickel	**60.8**		0.256	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Phosphorus	**1820**	**B**	5.13	0.256	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Potassium	**2230**		25.6	1.79	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Selenium	ND	L	0.769	0.308	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Silicon	**130**		5.13	1.35	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Silver	ND		0.256	0.0879	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Sodium	**568**	**B**	25.6	1.87	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Strontium	**104**		1.54	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Thallium	ND		0.769	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Tin	ND	L	2.56	0.153	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Titanium	**196**		1.54	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Vanadium	**76.0**		0.256	0.145	mg/Kg		08/12/20 20:30	08/13/20 13:35	1
Zinc	**95.8**		1.03	0.183	mg/Kg		08/12/20 20:30	08/13/20 13:35	1

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5020**		2.53	0.362	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Sulfur	**1080**	**B**	5.05	0.806	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Antimony	**0.395**	**J**	0.758	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Arsenic	**5.80**		0.758	0.262	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Barium	**2390**		0.505	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Beryllium	**0.811**		0.253	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Boron	**2.86**	**B**	2.02	0.454	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Cadmium	**4.85**		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Calcium	**11400**		5.05	0.385	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Chromium	**17.3**		0.253	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Cobalt	**3.12**		0.253	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Copper	**36.9**		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Iron	**13700**		5.05	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Lead	**12.0**		0.505	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Magnesium	**2500**		5.05	0.171	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Manganese	**159**		0.253	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Molybdenum	**13.7**		0.253	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Nickel	**52.7**		0.253	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Phosphorus	**1570**	**B**	5.05	0.253	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Potassium	**2830**		25.3	1.77	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Selenium	ND	L	0.758	0.303	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Silicon	**106**		5.05	1.33	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Silver	ND		0.253	0.0866	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Sodium	**524**	**B**	25.3	1.84	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Strontium	**105**		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Thallium	ND		0.758	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Tin	ND	L	2.53	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Titanium	**254**		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Vanadium	**73.9**		0.253	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:37	1
Zinc	**107**		1.01	0.180	mg/Kg		08/12/20 20:30	08/13/20 13:37	1

Method: 6010B - Metals (ICP)

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4590		2.39	0.343	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Sulfur	964	B	4.78	0.764	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Antimony	1.07		0.718	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Arsenic	5.85		0.718	0.248	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Barium	2660		0.478	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Beryllium	0.753		0.239	0.131	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Boron	1.52	J B	1.91	0.430	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Cadmium	3.45		0.478	0.129	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Calcium	10400		4.78	0.365	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Chromium	15.2		0.239	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Cobalt	2.53		0.239	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Copper	26.2		0.478	0.129	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Iron	12900		4.78	0.127	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Lead	6.59		0.478	0.126	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Magnesium	2170		4.78	0.162	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Manganese	130		0.239	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Molybdenum	11.6		0.239	0.126	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Nickel	51.5		0.239	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Phosphorus	1410	B	4.78	0.239	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Potassium	2510		23.9	1.67	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Selenium	ND	L	0.718	0.287	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Silicon	101		4.78	1.26	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Silver	ND		0.239	0.0820	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Sodium	488	B	23.9	1.74	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Strontium	110		1.44	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Thallium	ND		0.718	0.145	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Tin	ND	L	2.39	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Titanium	208		1.44	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Vanadium	69.2		0.239	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:39	1
Zinc	94.1		0.957	0.170	mg/Kg		08/12/20 20:30	08/13/20 13:39	1

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4470		2.54	0.363	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Sulfur	1050	B	5.08	0.810	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Antimony	0.552	J	0.761	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Arsenic	6.88		0.761	0.263	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Barium	2790		0.508	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Beryllium	0.839		0.254	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Boron	1.99	J B	2.03	0.456	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Cadmium	4.14		0.508	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Calcium	10100		5.08	0.387	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Chromium	16.1		0.254	0.144	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Cobalt	1.63		0.254	0.150	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Copper	27.5		0.508	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Iron	13000		5.08	0.135	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Lead	5.29		0.508	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Magnesium	2100		5.08	0.172	mg/Kg		08/12/20 20:30	08/13/20 13:41	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**128**		0.254	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Molybdenum	**12.3**		0.254	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Nickel	**48.9**		0.254	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Phosphorus	**1360**	**B**	5.08	0.254	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Potassium	**2540**		25.4	1.78	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Selenium	ND		0.761	0.305	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Silicon	**92.2**		5.08	1.34	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Silver	ND		0.254	0.0870	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Sodium	**509**	**B**	25.4	1.85	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Strontium	**116**		1.52	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Thallium	ND		0.761	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Tin	ND	L	2.54	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Titanium	**205**		1.52	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Vanadium	**79.3**		0.254	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:41	1
Zinc	**91.4**		1.02	0.181	mg/Kg		08/12/20 20:30	08/13/20 13:41	1

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4750**		2.53	0.362	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Sulfur	**936**	**B**	5.05	0.806	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Antimony	ND		0.758	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Arsenic	**6.95**		0.758	0.262	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Barium	**2070**		0.505	0.156	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Beryllium	**0.835**		0.253	0.138	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Boron	**5.58**	**B**	2.02	0.454	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Cadmium	**4.53**		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Calcium	**12100**		5.05	0.385	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Chromium	**16.2**		0.253	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Cobalt	**3.36**		0.253	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Copper	**32.0**		0.505	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Iron	**12200**		5.05	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Lead	**6.56**		0.505	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Magnesium	**2360**		5.05	0.171	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Manganese	**138**		0.253	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Molybdenum	**12.0**		0.253	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Nickel	**56.3**		0.253	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Phosphorus	**1310**	**B**	5.05	0.253	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Potassium	**2840**		25.3	1.77	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Selenium	ND	L	0.758	0.303	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Silicon	**131**		5.05	1.33	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Silver	ND		0.253	0.0866	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Sodium	**556**	**B**	25.3	1.84	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Strontium	**136**		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Thallium	ND		0.758	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Tin	ND	L	2.53	0.151	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Titanium	**231**		1.52	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Vanadium	**77.5**		0.253	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:43	1
Zinc	**104**		1.01	0.180	mg/Kg		08/12/20 20:30	08/13/20 13:43	1

Method: 6010B - Metals (ICP)

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3800**		2.42	0.346	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Sulfur	**695**	**B**	4.83	0.771	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Antimony	ND		0.725	0.144	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Arsenic	**6.25**		0.725	0.250	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Barium	**2040**		0.483	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Beryllium	**0.709**		0.242	0.132	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Boron	**2.16**	**B**	1.93	0.434	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Cadmium	**4.69**		0.483	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Calcium	**11000**		4.83	0.368	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Chromium	**14.9**		0.242	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Cobalt	**1.89**		0.242	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Copper	**27.3**		0.483	0.130	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Iron	**10800**		4.83	0.129	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Lead	**7.90**		0.483	0.128	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Magnesium	**2100**		4.83	0.163	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Manganese	**151**		0.242	0.134	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Molybdenum	**9.52**		0.242	0.128	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Nickel	**44.3**		0.242	0.140	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Phosphorus	**1270**	**B**	4.83	0.242	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Potassium	**2200**		24.2	1.69	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Selenium	ND		0.725	0.290	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Silicon	**95.6**		4.83	1.28	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Silver	ND		0.242	0.0828	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Sodium	**548**	**B**	24.2	1.76	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Strontium	**107**		1.45	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Thallium	ND		0.725	0.147	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Tin	ND	L	2.42	0.144	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Titanium	**188**		1.45	0.133	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Vanadium	**66.5**		0.242	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:46	1
Zinc	**99.2**		0.966	0.172	mg/Kg		08/12/20 20:30	08/13/20 13:46	1

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**3540**		2.58	0.369	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Sulfur	**1070**	**B**	5.15	0.823	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Antimony	**1.05**		0.773	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Arsenic	**6.56**		0.773	0.267	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Barium	**3100**		0.515	0.159	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Beryllium	**0.633**		0.258	0.141	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Boron	**6.78**	**B**	2.06	0.463	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Cadmium	**4.24**		0.515	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Calcium	**11400**		5.15	0.393	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Chromium	**13.7**		0.258	0.146	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Cobalt	**0.649**		0.258	0.153	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Copper	**23.8**		0.515	0.139	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Iron	**9920**		5.15	0.137	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Lead	**6.83**		0.515	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Magnesium	**1960**		5.15	0.174	mg/Kg		08/12/20 20:30	08/13/20 13:56	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**172**		0.258	0.143	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Molybdenum	**8.67**		0.258	0.136	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Nickel	**41.7**		0.258	0.149	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Phosphorus	**1020**	**B**	5.15	0.258	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Potassium	**2180**		25.8	1.80	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Selenium	ND	L	0.773	0.309	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Silicon	**115**		5.15	1.36	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Silver	ND		0.258	0.0884	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Sodium	**446**	**B**	25.8	1.88	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Strontium	**151**		1.55	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Thallium	ND		0.773	0.157	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Tin	ND	L	2.58	0.154	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Titanium	**175**		1.55	0.142	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Vanadium	**60.4**		0.258	0.145	mg/Kg		08/12/20 20:30	08/13/20 13:56	1
Zinc	**151**		1.03	0.184	mg/Kg		08/12/20 20:30	08/13/20 13:56	1

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**58.1**	**B**	2.48	0.354	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Sulfur	**415**	**^**	4.95	0.790	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Antimony	**0.980**		0.743	0.148	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Arsenic	**0.432**	**J B**	0.743	0.256	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Barium	**63.9**		0.495	0.152	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Beryllium	ND		0.248	0.136	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Boron	**4.47**	**B**	1.98	0.445	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Cadmium	**0.148**	**J**	0.495	0.134	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Calcium	**155**		4.95	0.377	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Chromium	**0.176**	**J**	0.248	0.141	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Cobalt	**0.315**		0.248	0.147	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Copper	**1.12**		0.495	0.134	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Iron	**232**	**B**	4.95	0.132	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Lead	ND		0.495	0.131	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Magnesium	**28.2**		4.95	0.167	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Manganese	**3.12**		0.248	0.138	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Molybdenum	**0.267**		0.248	0.131	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Nickel	**5.96**		0.248	0.144	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Phosphorus	**14.3**	**B**	4.95	0.248	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Potassium	**38.1**		24.8	1.73	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Selenium	ND		0.743	0.297	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Silicon	**19.0**		4.95	1.31	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Silver	**0.141**	**J**	0.248	0.0849	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Sodium	**83.7**		24.8	1.80	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Strontium	**2.21**		1.49	0.137	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Thallium	ND		0.743	0.150	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Tin	**0.669**	**J**	2.48	0.148	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Titanium	**3.30**		1.49	0.137	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Vanadium	**3.61**		0.248	0.140	mg/Kg		08/06/20 18:00	08/07/20 14:30	1
Zinc	**2.16**		0.990	0.176	mg/Kg		08/06/20 18:00	08/07/20 14:30	1

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 7470A - Mercury (CVAA)

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500		mg/L		08/10/20 06:30	08/10/20 11:59	1

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500		mg/L		08/10/20 06:30	08/10/20 12:10	1

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500		mg/L		08/10/20 06:30	08/10/20 12:11	1

Client Sample ID: EB
Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500		mg/L		08/10/20 06:30	08/10/20 12:13	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: PT1419-1-0.5
Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0671	J F1	0.0806	0.0131	mg/Kg		08/12/20 21:00	08/14/20 12:28	1

Client Sample ID: PT1419-2-1.5
Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0502	J	0.0833	0.0135	mg/Kg		08/12/20 21:00	08/14/20 12:34	1

Client Sample ID: PT1419-2-1.5D
Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0450	J	0.0820	0.0133	mg/Kg		08/12/20 21:00	08/14/20 12:35	1

Client Sample ID: PT1419-3-3.0
Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0303	J	0.0862	0.0140	mg/Kg		08/12/20 21:00	08/14/20 12:37	1

Client Sample ID: SF1604-1-0.5
Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.156		0.0847	0.0137	mg/Kg		08/12/20 21:00	08/14/20 12:43	1

Client Sample ID: SF1604-2-1.5
Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.176		0.0877	0.0142	mg/Kg		08/12/20 21:00	08/14/20 12:45	1

Client Sample ID: SF1604-3-3.0
Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0639	J	0.0820	0.0133	mg/Kg		08/12/20 21:00	08/14/20 12:47	1

Client Sample ID: SF1515-1-0.5
Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.279		0.0794	0.0129	mg/Kg		08/12/20 21:00	08/14/20 12:48	1

Client Sample ID: SF1515-2-1.5
Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.386		0.0820	0.0133	mg/Kg		08/12/20 21:00	08/14/20 12:50	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SF1515-3-3.0
Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.265		0.0847	0.0137	mg/Kg		08/12/20 21:00	08/14/20 12:52	1

Client Sample ID: PT3138-1-0.5
Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.215		0.0862	0.0140	mg/Kg		08/12/20 21:00	08/14/20 12:54	1

Client Sample ID: PT3138-2-0.5
Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.427		0.0820	0.0133	mg/Kg		08/12/20 21:00	08/14/20 12:56	1

Client Sample ID: PT3138-3-0.5
Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0751	J	0.0806	0.0131	mg/Kg		08/12/20 21:00	08/14/20 14:21	1

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0490	J	0.0847	0.0137	mg/Kg		08/12/20 21:00	08/14/20 12:59	1

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0332	J	0.0862	0.0140	mg/Kg		08/12/20 21:00	08/14/20 14:17	1

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0491	J	0.0847	0.0137	mg/Kg		08/12/20 21:00	08/14/20 14:19	1

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0469	J	0.0833	0.0135	mg/Kg		08/12/20 21:00	08/14/20 13:09	1

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0558	J	0.0820	0.0133	mg/Kg		08/12/20 21:00	08/14/20 13:11	1

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0466	J	0.0862	0.0140	mg/Kg		08/12/20 21:00	08/14/20 13:12	1

Client Sample ID: CT814
Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0156	J	0.0847	0.0137	mg/Kg		08/06/20 18:00	08/07/20 12:36	1

General Chemistry

Client Sample ID: TK130-1
Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercaptans	ND		0.200		mg/L			08/05/20 14:53	1

Client Sample ID: TK130-2
Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercaptans	ND		0.200		mg/L			08/05/20 14:55	1

Client Sample ID: TK130-3
Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3
Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercaptans	ND		0.200		mg/L			08/05/20 14:56	1

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.2**		0.01	0.01	S.U.			08/17/20 16:00	1
Alkalinity as CaCO3	**6970**		498		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	**6970**		498		mg/Kg			08/14/20 07:30	1
Carbonate Alkalinity as CaCO3	ND		498		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		498		mg/Kg			08/14/20 07:30	1

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.3**		0.01	0.01	S.U.			08/17/20 16:00	1
Alkalinity as CaCO3	**7020**		494		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	**7020**		494		mg/Kg			08/14/20 07:30	1
Carbonate Alkalinity as CaCO3	ND		494		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		494		mg/Kg			08/14/20 07:30	1

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.3**		0.01	0.01	S.U.			08/17/20 16:00	1
Alkalinity as CaCO3	**5940**		495		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	**5940**		495		mg/Kg			08/14/20 07:30	1
Carbonate Alkalinity as CaCO3	ND		495		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		495		mg/Kg			08/14/20 07:30	1

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.3**		0.01	0.01	S.U.			08/17/20 16:00	1
Alkalinity as CaCO3	**6900**		493		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	**6900**		493		mg/Kg			08/14/20 07:30	1

General Chemistry (Continued)

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonate Alkalinity as CaCO3	ND		493		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		493		mg/Kg			08/14/20 07:30	1

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.4**		0.01	0.01	S.U.			08/17/20 16:00	1
Alkalinity as CaCO3	**5950**		496		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	**5950**		496		mg/Kg			08/14/20 07:30	1
Carbonate Alkalinity as CaCO3	ND		496		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		496		mg/Kg			08/14/20 07:30	1

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**7.0**		0.01	0.01	S.U.			08/17/20 16:00	1
Alkalinity as CaCO3	**5970**		498		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	**5970**		498		mg/Kg			08/14/20 07:30	1
Carbonate Alkalinity as CaCO3	ND		498		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		498		mg/Kg			08/14/20 07:30	1

Surrogate Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(71-155)	(80-120)	(79-133)	(80-120)
570-34864-11	PT1419-1-0.5	112	101	104	100
570-34864-12	PT1419-2-1.5	113	101	105	100
570-34864-13	PT1419-2-1.5D	113	101	102	100
570-34864-14	PT1419-3-3.0	113	101	101	100
570-34864-15	SF1604-1-0.5	111	100	104	100
570-34864-16	SF1604-2-1.5	111	101	102	100
570-34864-17	SF1604-3-3.0	113	100	104	100
570-34864-18	SF1515-1-0.5	112	99	102	100
570-34864-19	SF1515-2-1.5	107	102	103	100
570-34864-20	SF1515-3-3.0	112	102	105	101
570-34864-21	PT3138-1-0.5	111	101	103	100
570-34864-22	PT3138-2-0.5	112	100	107	99
570-34864-23	PT3138-3-0.5	112	101	104	100
570-34864-24	SF1530-1-0.5	97	107	95	103
570-34864-24 - DL	SF1530-1-0.5	96	101	96	99
570-34864-25	SF1530-1-0.5D	98	103	93	103
570-34864-25 - DL	SF1530-1-0.5D	97	103	98	101
570-34864-26	SF1530-2-1.5	95	106	94	102
570-34864-27	SF1530-3-3.0	94	105	93	102
570-34864-27 - DL	SF1530-3-3.0	97	101	98	100
570-34864-28	VB27599-1-S	108	103	98	102
570-34864-28 - DL	VB27599-1-S	97	103	97	99
570-34864-29	V881-1-S	94	104	96	104
570-34864-29 - DL	V881-1-S	98	101	96	100
570-34864-31	CT814	100	100	102	100
LCS 570-85981/3	Lab Control Sample	101	102	102	101
LCS 570-86028/4	Lab Control Sample	102	102	103	100
LCS 570-88073/3	Lab Control Sample	100	102	104	101
LCSD 570-85981/4	Lab Control Sample Dup	101	103	103	100
LCSD 570-86028/7	Lab Control Sample Dup	102	103	104	101
LCSD 570-88073/4	Lab Control Sample Dup	102	103	103	101
MB 570-85981/6	Method Blank	100	101	100	100
MB 570-86028/10	Method Blank	99	104	96	101
MB 570-86028/9	Method Blank	102	98	103	99
MB 570-88073/7	Method Blank	98	103	98	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-129)	(77-120)	(80-128)	(80-120)
570-34864-1	TK130-1	102	96	105	100
570-34864-2	TK130-2	111	98	112	102

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-129)	(77-120)	(80-128)	(80-120)
570-34864-3	TK130-3	106	103	106	100
570-34864-4	EB	107	100	108	99
570-34864-5	TB-1	110	97	111	103
570-34864-5 - RA	TB-1	99	96	103	99
570-34864-6	TB-2	108	96	110	101
570-34864-6 - RA	TB-2	100	96	104	99
570-34864-7	TB-3	109	95	111	105
570-34864-7 - RA	TB-3	101	96	104	100
570-34864-8	TB-4	109	96	109	104
570-34864-8 - RA	TB-4	100	96	103	99
570-34864-9	TB-5	109	96	110	104
570-34864-9 - RA	TB-5	100	97	103	100
570-34864-10	TB-6	109	96	111	104
570-34864-10 - RA	TB-6	101	96	104	100
LCS 570-85947/3	Lab Control Sample	108	107	103	98
LCS 570-85956/4	Lab Control Sample	97	107	101	103
LCS 570-88024/3	Lab Control Sample	92	104	98	101
LCSD 570-85947/4	Lab Control Sample Dup	109	105	106	98
LCSD 570-85956/5	Lab Control Sample Dup	99	107	102	102
LCSD 570-88024/4	Lab Control Sample Dup	92	104	98	102
MB 570-85947/9	Method Blank	111	95	113	102
MB 570-85956/11	Method Blank	105	99	106	102
MB 570-88024/8	Method Blank	99	96	103	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(26-122)	(27-159)
570-34864-11	PT1419-1-0.5	103	63	52	52	53	86
570-34864-11	PT1419-1-0.5	39	31	28	22 X	27	41
570-34864-12	PT1419-2-1.5	106	65	54	52	54	88
570-34864-12	PT1419-2-1.5	39	30	28	24 X	26	43
570-34864-13	PT1419-2-1.5D	106	57	39	39	49	90
570-34864-13	PT1419-2-1.5D	42	29	20 X	18 X	24 X	44
570-34864-13 MS	PT1419-2-1.5D	115	72	62	62	60	95
570-34864-13 MSD	PT1419-2-1.5D	105	64	52	55	54	87
570-34864-14	PT1419-3-3.0	103	63	53	50	54	89
570-34864-14	PT1419-3-3.0	43	30	26	22 X	25 X	44
570-34864-15	SF1604-1-0.5	97	62	51	52	51	81
570-34864-15	SF1604-1-0.5	59	29	26	24 X	25 X	41
570-34864-16	SF1604-2-1.5	101	65	55	55	54	82
570-34864-16	SF1604-2-1.5	58	28	26	24 X	25 X	38
570-34864-17	SF1604-3-3.0	109	66	53	54	55	86

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(26-122)	(27-159)
570-34864-17	SF1604-3-3.0	56	30	25	23 X	24 X	40
570-34864-18	SF1515-1-0.5	102	67	54	55	53	84
570-34864-18	SF1515-1-0.5	23	12 X	10 X	9 X	9 X	15 X
570-34864-19	SF1515-2-1.5	110	73	60	61	61	87
570-34864-19	SF1515-2-1.5	44	32	28	26 X	27	42
570-34864-20	SF1515-3-3.0	104	66	56	56	54	81
570-34864-20	SF1515-3-3.0	17 X	13 X	11 X	10 X	10 X	16 X
570-34864-21	PT3138-1-0.5	99	67	58	61	57	81
570-34864-21	PT3138-1-0.5	15 X	13 X	11 X	10 X	10 X	16 X
570-34864-22	PT3138-2-0.5	104	69	59	59	57	84
570-34864-22	PT3138-2-0.5	39	32	28	27 X	25 X	42
570-34864-23	PT3138-3-0.5	104	65	61	61	58	87
570-34864-23	PT3138-3-0.5	38	29	28	25 X	26	41
570-34864-24	SF1530-1-0.5	93	66	56	59	57	77
570-34864-24	SF1530-1-0.5	13 X	15 X	10 X	9 X	9 X	14 X
570-34864-25	SF1530-1-0.5D	115	79	66	71	67	90
570-34864-25	SF1530-1-0.5D	37	41	27	25 X	27	38
570-34864-26	SF1530-2-1.5	98	66	55	55	56	75
570-34864-26	SF1530-2-1.5	14 X	12 X	10 X	10 X	10 X	15 X
570-34864-27	SF1530-3-3.0	80	58	47	47	46	63
570-34864-27	SF1530-3-3.0	38	30	29	26 X	28	41
570-34864-28	VB27599-1-S	76	69	62	63	60	70
570-34864-28	VB27599-1-S	12 X	12 X	10 X	9 X	10 X	13 X
570-34864-29	V881-1-S	81	62	54	55	54	67
570-34864-29	V881-1-S	12 X	11 X	10 X	9 X	9 X	14 X
570-34864-31	CT814	102	99	81	79	81	102
LCS 570-85792/2-A	Lab Control Sample	86	72	61	63	62	73
LCS 570-87538/2-A	Lab Control Sample	81	78	88	79	75	81
LCSD 570-85792/3-A	Lab Control Sample Dup	96	80	69	70	72	82
LCSD 570-87538/3-A	Lab Control Sample Dup	79	74	75	71	76	80
MB 570-85792/1-A	Method Blank	93	76	68	71	67	85
MB 570-85792/1-A	Method Blank	76	75	69	60	64	81
MB 570-87538/1-A	Method Blank	88	84	81	79	85	98

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(32-143)	(45-120)	(15-138)	(56-123)	(17-141)	(46-133)
570-34864-1	TK130-1	106	77	47	69	31	99
570-34864-1	TK130-1	87	68	56	73	38	85
570-34864-2	TK130-2	109	94	43	70	27	96

Surrogate Summary

Client: Leighton Consulting Inc
Job ID: 570-34864-1
Project/Site: SoCal Gas, Project # 11561.015

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(32-143)	(45-120)	(15-138)	(56-123)	(17-141)	(46-133)
570-34864-2	TK130-2	77	67	51	69	32	71
570-34864-3	TK130-3	101	78	44	67	28	94
570-34864-3	TK130-3	78	60	47	61	30	75
570-34864-4	EB	94	62	34	59	21	90
570-34864-4	EB	73	50	39	54 X	25	74
LCS 570-86209/2-A	Lab Control Sample	101	82	51	76	32	88
LCSD 570-86209/3-A	Lab Control Sample Dup	97	80	48	71	31	88
MB 570-86209/1-A	Method Blank	75	64	30	56	19	74
MB 570-86209/1-A	Method Blank	61	57	35	55 X	23	71

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-34864-11	PT1419-1-0.5	73	68	103
570-34864-12	PT1419-2-1.5	69	57	99
570-34864-13	PT1419-2-1.5D	70	56	100
570-34864-13 MS	PT1419-2-1.5D	73	60	97
570-34864-13 MSD	PT1419-2-1.5D	72	61	101
570-34864-14	PT1419-3-3.0	82	71	106
570-34864-15	SF1604-1-0.5	73	55	121
570-34864-15	SF1604-1-0.5	66	47	93
570-34864-16	SF1604-2-1.5	77	68	137
570-34864-16	SF1604-2-1.5	51	44	88
570-34864-17	SF1604-3-3.0	85	78	107
570-34864-17	SF1604-3-3.0	71	62	74
570-34864-18	SF1515-1-0.5	67	58	106
570-34864-19	SF1515-2-1.5	83	71	129
570-34864-19	SF1515-2-1.5	73	57	95
570-34864-20	SF1515-3-3.0	75	84	134
570-34864-20	SF1515-3-3.0	66	23	98
570-34864-21	PT3138-1-0.5	65	34	113
570-34864-22	PT3138-2-0.5	70	60	115
570-34864-23	PT3138-3-0.5	71	64	117
570-34864-24	SF1530-1-0.5	70	70	137
570-34864-24	SF1530-1-0.5	71	46	89
570-34864-25	SF1530-1-0.5D	66	59	67
570-34864-26	SF1530-2-1.5	91	45	130
570-34864-26	SF1530-2-1.5	73	96	83
570-34864-27	SF1530-3-3.0	57	130	147
570-34864-27	SF1530-3-3.0	62	52	73

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(22-130)	(20-145)	(33-147)
570-34864-28	VB27599-1-S	49	112	122
570-34864-28	VB27599-1-S	31	49	34
570-34864-29	V881-1-S	65	149 X	150 X
570-34864-29	V881-1-S	73	91	68
570-34864-31	CT814	50	55	65
LCS 570-86050/2-A	Lab Control Sample	100	90	102
LCS 570-87978/2-A	Lab Control Sample	89	79	86
LCSD 570-86050/3-A	Lab Control Sample Dup	103	91	105
LCSD 570-87978/3-A	Lab Control Sample Dup	90	79	86
MB 570-86050/1-A	Method Blank	89	83	100
MB 570-87978/1-A	Method Blank	78	72	80

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8270C SIM - PAHs (GC/MS SIM)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		FBP	NBZ	TPHd14
Lab Sample ID	Client Sample ID	(33-144)	(28-139)	(23-160)
570-34864-1	TK130-1	90	68	91
570-34864-2	TK130-2	86	84	89
570-34864-3	TK130-3	80	53	90
LCS 570-86006/2-A	Lab Control Sample	95	94	98
LCSD 570-86006/3-A	Lab Control Sample Dup	95	85	93
MB 570-86006/1-A	Method Blank	88	84	92

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		BFB1
Lab Sample ID	Client Sample ID	(42-126)
570-34864-11	PT1419-1-0.5	79
570-34864-12	PT1419-2-1.5	93
570-34864-13	PT1419-2-1.5D	93
570-34864-14	PT1419-3-3.0	91
570-34864-15	SF1604-1-0.5	83
570-34864-16	SF1604-2-1.5	78
570-34864-17	SF1604-3-3.0	83
570-34864-18	SF1515-1-0.5	64
570-34864-19	SF1515-2-1.5	71
570-34864-20	SF1515-3-3.0	79
570-34864-21	PT3138-1-0.5	66

Surrogate Summary

Client: Leighton Consulting Inc
Job ID: 570-34864-1
Project/Site: SoCal Gas, Project # 11561.015

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (42-126)
570-34864-22	PT3138-2-0.5	71
570-34864-23	PT3138-3-0.5	81
570-34864-24	SF1530-1-0.5	104
570-34864-25	SF1530-1-0.5D	112
570-34864-26	SF1530-2-1.5	105
570-34864-27	SF1530-3-3.0	111
570-34864-28	VB27599-1-S	124
570-34864-29	V881-1-S	132 X
570-34864-31	CT814	89
LCS 570-86092/10	Lab Control Sample	91
LCS 570-86348/3	Lab Control Sample	100
LCS 570-87846/3	Lab Control Sample	96
LCSD 570-86092/11	Lab Control Sample Dup	94
LCSD 570-86348/4	Lab Control Sample Dup	101
LCSD 570-87846/4	Lab Control Sample Dup	101
MB 570-86092/13	Method Blank	73
MB 570-86348/6	Method Blank	79
MB 570-87846/11	Method Blank	82

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (38-134)
570-34864-1	TK130-1	77
570-34864-2	TK130-2	71
570-34864-3	TK130-3	74
570-34864-4	EB	81
LCS 570-86819/3	Lab Control Sample	90
LCSD 570-86819/4	Lab Control Sample Dup	95
MB 570-86819/5	Method Blank	75

Surrogate Legend
BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)
570-34864-11	PT1419-1-0.5	101
570-34864-12	PT1419-2-1.5	81
570-34864-13	PT1419-2-1.5D	88
570-34864-14	PT1419-3-3.0	95
570-34864-14 MS	PT1419-3-3.0	110
570-34864-14 MSD	PT1419-3-3.0	109
570-34864-15	SF1604-1-0.5	109

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)
570-34864-16	SF1604-2-1.5	112
570-34864-17	SF1604-3-3.0	112
570-34864-18	SF1515-1-0.5	116
570-34864-19	SF1515-2-1.5	118
570-34864-20	SF1515-3-3.0	114
570-34864-21	PT3138-1-0.5	124
570-34864-22	PT3138-2-0.5	121
570-34864-23	PT3138-3-0.5	124
570-34864-24	SF1530-1-0.5	143
570-34864-25	SF1530-1-0.5D	125
570-34864-26	SF1530-2-1.5	129
570-34864-27	SF1530-3-3.0	141
570-34864-28	VB27599-1-S	132
570-34864-29	V881-1-S	128
570-34864-31	CT814	346 X
LCS 570-87914/2-A	Lab Control Sample	105
LCSD 570-87914/3-A	Lab Control Sample Dup	97
MB 570-87914/1-A	Method Blank	110

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (68-140)
570-34864-1	TK130-1	88
570-34864-2	TK130-2	81
570-34864-3	TK130-3	90
570-34864-4	EB	79
LCS 570-87087/2-A	Lab Control Sample	89
LCSD 570-87087/3-A	Lab Control Sample Dup	90
MB 570-87087/1-A	Method Blank	89

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (25-126)	DCB1 (20-155)
570-34864-11	PT1419-1-0.5	76	82
570-34864-12	PT1419-2-1.5	80	85
570-34864-13	PT1419-2-1.5D	73	78
570-34864-13 MS	PT1419-2-1.5D	76	78
570-34864-13 MSD	PT1419-2-1.5D	74	77
570-34864-14	PT1419-3-3.0	68	72
570-34864-15	SF1604-1-0.5	62	75

Surrogate Summary

Client: Leighton Consulting Inc
Job ID: 570-34864-1
Project/Site: SoCal Gas, Project # 11561.015

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (25-126)	DCB1 (20-155)
570-34864-16	SF1604-2-1.5	63	79
570-34864-17	SF1604-3-3.0	56	70
570-34864-18	SF1515-1-0.5	52	66
570-34864-19	SF1515-2-1.5	57	68
570-34864-20	SF1515-3-3.0	59	69
570-34864-21	PT3138-1-0.5	55	65
570-34864-22	PT3138-2-0.5	54	63
570-34864-23	PT3138-3-0.5	59	71
570-34864-24	SF1530-1-0.5	57	80
570-34864-25	SF1530-1-0.5D	64	64
570-34864-26	SF1530-2-1.5	81	62
570-34864-27	SF1530-3-3.0	89	68
570-34864-28	VB27599-1-S	81	69
570-34864-29	V881-1-S	114	55
570-34864-31	CT814	87	70
LCS 570-85800/2-A	Lab Control Sample	81	84
LCS 570-87535/4-A	Lab Control Sample	67	65
LCSD 570-85800/3-A	Lab Control Sample Dup	82	85
LCSD 570-87535/5-A	Lab Control Sample Dup	71	68
MB 570-85800/1-A	Method Blank	91	92
MB 570-87535/1-A	Method Blank	75	73

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (20-139)	DCB1 (20-154)
570-34864-1	TK130-1	101	67
570-34864-2	TK130-2	94	68
570-34864-3	TK130-3	90	72
LCS 570-86427/2-A	Lab Control Sample	97	43
LCSD 570-86427/3-A	Lab Control Sample Dup	89	72
MB 570-86427/1-A	Method Blank	97	59

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-85947/9
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/05/20 23:49	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/05/20 23:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/05/20 23:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/05/20 23:49	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/05/20 23:49	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/05/20 23:49	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/05/20 23:49	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/05/20 23:49	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/05/20 23:49	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/05/20 23:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/05/20 23:49	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/05/20 23:49	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/05/20 23:49	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/05/20 23:49	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/05/20 23:49	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/05/20 23:49	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/05/20 23:49	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/05/20 23:49	1
1,3-Butadiene	ND		25	0.95	ug/L			08/05/20 23:49	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/05/20 23:49	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/05/20 23:49	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/05/20 23:49	1
1,4-Dioxane	ND		100	26	ug/L			08/05/20 23:49	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/05/20 23:49	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/05/20 23:49	1
2-Butanone	ND		20	3.6	ug/L			08/05/20 23:49	1
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/05/20 23:49	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/05/20 23:49	1
2-Hexanone	ND		10	5.3	ug/L			08/05/20 23:49	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/05/20 23:49	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/05/20 23:49	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/05/20 23:49	1
Acetone	ND		20	10	ug/L			08/05/20 23:49	1
Acetonitrile	ND		50	1.5	ug/L			08/05/20 23:49	1
Acrolein	ND		50	2.4	ug/L			08/05/20 23:49	1
Acrylonitrile	ND		20	3.1	ug/L			08/05/20 23:49	1
Benzene	ND		0.50	0.14	ug/L			08/05/20 23:49	1
Bromobenzene	ND		1.0	0.19	ug/L			08/05/20 23:49	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/05/20 23:49	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/05/20 23:49	1
Bromoform	ND		5.0	1.8	ug/L			08/05/20 23:49	1
Bromomethane	ND		50	19	ug/L			08/05/20 23:49	1
Carbon disulfide	ND		10	0.70	ug/L			08/05/20 23:49	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/05/20 23:49	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/05/20 23:49	1
Chloroethane	ND		5.0	0.76	ug/L			08/05/20 23:49	1
Chloroform	ND		1.0	0.18	ug/L			08/05/20 23:49	1
Chloromethane	ND		10	0.50	ug/L			08/05/20 23:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85947/9
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/05/20 23:49	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/05/20 23:49	1
Cyclohexane	ND		10	3.3	ug/L			08/05/20 23:49	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/05/20 23:49	1
Dibromomethane	ND		1.0	0.30	ug/L			08/05/20 23:49	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/05/20 23:49	1
Diethyl ether	ND		10	0.31	ug/L			08/05/20 23:49	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/05/20 23:49	1
Ethanol	ND		100	53	ug/L			08/05/20 23:49	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/05/20 23:49	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/05/20 23:49	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/05/20 23:49	1
Hexane	ND		5.0	0.95	ug/L			08/05/20 23:49	1
Iodomethane	ND		50	19	ug/L			08/05/20 23:49	1
Isobutyl alcohol	ND		50	20	ug/L			08/05/20 23:49	1
Isopropanol	ND		200	100	ug/L			08/05/20 23:49	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/05/20 23:49	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/05/20 23:49	1
Methylene Chloride	ND		10	4.0	ug/L			08/05/20 23:49	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/05/20 23:49	1
Naphthalene	ND		10	5.1	ug/L			08/05/20 23:49	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/05/20 23:49	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/05/20 23:49	1
o-Xylene	ND		1.0	0.15	ug/L			08/05/20 23:49	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/05/20 23:49	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/05/20 23:49	1
Styrene	ND		1.0	0.15	ug/L			08/05/20 23:49	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/05/20 23:49	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/05/20 23:49	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/05/20 23:49	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/05/20 23:49	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/05/20 23:49	1
Thiophene	ND		10	0.16	ug/L			08/05/20 23:49	1
Toluene	ND		1.0	0.13	ug/L			08/05/20 23:49	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/05/20 23:49	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/05/20 23:49	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/05/20 23:49	1
Trichloroethene	ND		1.0	0.24	ug/L			08/05/20 23:49	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/05/20 23:49	1
Vinyl acetate	ND		10	2.9	ug/L			08/05/20 23:49	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/05/20 23:49	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/05/20 23:49	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/05/20 23:49*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*80 - 129*		*08/05/20 23:49*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85947/9
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*95*		*77 - 120*		*08/05/20 23:49*	*1*
Dibromofluoromethane (Surr)	*113*		*80 - 128*		*08/05/20 23:49*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/05/20 23:49*	*1*

Lab Sample ID: LCS 570-85947/3
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	54.01		ug/L		108	80 - 126
1,1,1-Trichloroethane	50.0	51.08		ug/L		102	73 - 127
1,1,2,2-Tetrachloroethane	50.0	46.24		ug/L		92	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.34		ug/L		83	53 - 155
1,1,2-Trichloroethane	50.0	51.22		ug/L		102	80 - 120
1,1-Dichloroethane	50.0	48.47		ug/L		97	73 - 127
1,1-Dichloroethene	50.0	45.30		ug/L		91	64 - 136
1,1-Dichloropropene	50.0	51.78		ug/L		104	73 - 127
1,2,3-Trichlorobenzene	50.0	49.44		ug/L		99	76 - 130
1,2,3-Trichloropropane	50.0	46.54		ug/L		93	77 - 125
1,2,4-Trichlorobenzene	50.0	48.61		ug/L		97	74 - 134
1,2,4-Trimethylbenzene	50.0	51.61		ug/L		103	80 - 123
1,2-Dibromo-3-Chloropropane	50.0	44.86		ug/L		90	68 - 128
1,2-Dibromoethane	50.0	48.35		ug/L		97	80 - 120
1,2-Dichlorobenzene	50.0	50.83		ug/L		102	80 - 120
1,2-Dichloroethane	50.0	49.11		ug/L		98	75 - 123
1,2-Dichloropropane	50.0	47.70		ug/L		95	80 - 120
1,3,5-Trimethylbenzene	50.0	55.60		ug/L		111	80 - 126
1,3-Butadiene	50.0	43.40		ug/L		87	50 - 150
1,3-Dichlorobenzene	50.0	50.44		ug/L		101	80 - 120
1,3-Dichloropropane	50.0	51.72		ug/L		103	80 - 120
1,4-Dichlorobenzene	50.0	49.16		ug/L		98	80 - 120
1,4-Dioxane	500	495.0		ug/L		99	64 - 130
2,2,4-Trimethylpentane	50.0	48.00		ug/L		96	60 - 120
2,2-Dichloropropane	50.0	52.61		ug/L		105	53 - 155
2-Butanone	50.0	50.50		ug/L		101	53 - 137
2-Chlorotoluene	50.0	52.58		ug/L		105	80 - 121
2-Hexanone	50.0	50.56		ug/L		101	59 - 131
2-Methyl-2-butanol (TAA)	250	213.6		ug/L		85	60 - 120
4-Chlorotoluene	50.0	49.39		ug/L		99	80 - 120
4-Methyl-2-pentanone	50.0	47.40		ug/L		95	68 - 122
Acetone	50.0	43.72		ug/L		87	50 - 150
Acetonitrile	100	103.3		ug/L		103	58 - 136
Acrolein	100	85.78		ug/L		86	50 - 150
Acrylonitrile	50.0	52.97		ug/L		106	66 - 126
Benzene	50.0	48.56		ug/L		97	78 - 120
Bromobenzene	50.0	54.53		ug/L		109	80 - 120
Bromochloromethane	50.0	52.59		ug/L		105	77 - 125
Bromodichloromethane	50.0	49.89		ug/L		100	80 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85947/3
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	47.75		ug/L		95	68 - 128
Bromomethane	50.0	51.83		ug/L		104	50 - 150
Carbon disulfide	50.0	47.68		ug/L		95	50 - 150
Carbon tetrachloride	50.0	49.00		ug/L		98	67 - 139
Chlorobenzene	50.0	51.42		ug/L		103	80 - 120
Chloroethane	50.0	51.05		ug/L		102	64 - 130
Chloroform	50.0	51.94		ug/L		104	77 - 120
Chloromethane	50.0	54.17		ug/L		108	56 - 128
cis-1,2-Dichloroethene	50.0	51.50		ug/L		103	78 - 120
cis-1,3-Dichloropropene	50.0	49.20		ug/L		98	80 - 129
Cyclohexane	50.0	47.30		ug/L		95	54 - 138
Dibromochloromethane	50.0	52.78		ug/L		106	77 - 125
Dibromomethane	50.0	50.65		ug/L		101	80 - 120
Dichlorodifluoromethane	50.0	46.75		ug/L		93	50 - 150
Diethyl ether	50.0	42.87		ug/L		86	70 - 130
Di-isopropyl ether (DIPE)	50.0	50.43		ug/L		101	72 - 132
Ethanol	500	524.7		ug/L		105	56 - 150
Ethylbenzene	50.0	53.77		ug/L		108	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	48.10		ug/L		96	74 - 122
Hexachloro-1,3-butadiene	50.0	49.27		ug/L		99	75 - 135
Hexane	50.0	50.03		ug/L		100	50 - 150
Iodomethane	250	239.9		ug/L		96	50 - 150
Isobutyl alcohol	250	255.3		ug/L		102	60 - 120
Isopropanol	250	237.2		ug/L		95	50 - 143
Isopropylbenzene	50.0	54.27		ug/L		109	80 - 126
m,p-Xylene	100	112.0		ug/L		112	80 - 125
Methylene Chloride	50.0	49.24		ug/L		98	73 - 127
Methyl-t-Butyl Ether (MTBE)	50.0	48.32		ug/L		97	77 - 120
Naphthalene	50.0	47.34		ug/L		95	64 - 136
n-Butylbenzene	50.0	51.94		ug/L		104	78 - 132
N-Propylbenzene	50.0	55.92		ug/L		112	80 - 125
o-Xylene	50.0	54.54		ug/L		109	80 - 125
p-Isopropyltoluene	50.0	51.53		ug/L		103	80 - 129
sec-Butylbenzene	50.0	49.52		ug/L		99	80 - 125
Styrene	50.0	55.65		ug/L		111	80 - 122
Tert-amyl-methyl ether (TAME)	50.0	49.89		ug/L		100	74 - 122
tert-Butyl alcohol (TBA)	250	271.6		ug/L		109	80 - 126
tert-Butylbenzene	50.0	49.66		ug/L		99	80 - 125
Tetrachloroethene	50.0	51.44		ug/L		103	54 - 144
Tetrahydrofuran	50.0	47.85		ug/L		96	61 - 127
Thiophene	50.0	51.65		ug/L		103	80 - 120
Toluene	50.0	49.87		ug/L		100	80 - 122
trans-1,2-Dichloroethene	50.0	50.99		ug/L		102	70 - 130
trans-1,3-Dichloropropene	50.0	50.32		ug/L		101	78 - 132
trans-1,4-Dichloro-2-butene	50.0	47.60		ug/L		95	57 - 141
Trichloroethene	50.0	50.40		ug/L		101	77 - 125
Trichlorofluoromethane	50.0	62.82		ug/L		126	69 - 141
Vinyl acetate	50.0	50.72		ug/L		101	50 - 150
Vinyl chloride	50.0	48.04		ug/L		96	63 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	108		80 - 129
4-Bromofluorobenzene (Surr)	107		77 - 120
Dibromofluoromethane (Surr)	103		80 - 128
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 570-85947/4
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	54.57		ug/L		109	80 - 126	1	30
1,1,1-Trichloroethane			50.0	52.54		ug/L		105	73 - 127	3	30
1,1,2,2-Tetrachloroethane			50.0	47.14		ug/L		94	76 - 120	2	28
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	46.88		ug/L		94	53 - 155	13	30
1,1,2-Trichloroethane			50.0	53.62		ug/L		107	80 - 120	5	30
1,1-Dichloroethane			50.0	49.89		ug/L		100	73 - 127	3	30
1,1-Dichloroethene			50.0	52.42		ug/L		105	64 - 136	15	30
1,1-Dichloropropene			50.0	54.21		ug/L		108	73 - 127	5	30
1,2,3-Trichlorobenzene			50.0	51.77		ug/L		104	76 - 130	5	30
1,2,3-Trichloropropane			50.0	46.17		ug/L		92	77 - 125	1	30
1,2,4-Trichlorobenzene			50.0	51.00		ug/L		102	74 - 134	5	30
1,2,4-Trimethylbenzene			50.0	55.12		ug/L		110	80 - 123	7	30
1,2-Dibromo-3-Chloropropane			50.0	47.34		ug/L		95	68 - 128	5	30
1,2-Dibromoethane			50.0	49.43		ug/L		99	80 - 120	2	30
1,2-Dichlorobenzene			50.0	53.61		ug/L		107	80 - 120	5	20
1,2-Dichloroethane			50.0	50.31		ug/L		101	75 - 123	2	24
1,2-Dichloropropane			50.0	48.98		ug/L		98	80 - 120	3	20
1,3,5-Trimethylbenzene			50.0	56.96		ug/L		114	80 - 126	2	20
1,3-Butadiene			50.0	45.49		ug/L		91	50 - 150	5	30
1,3-Dichlorobenzene			50.0	54.46		ug/L		109	80 - 120	8	20
1,3-Dichloropropane			50.0	52.94		ug/L		106	80 - 120	2	20
1,4-Dichlorobenzene			50.0	52.78		ug/L		106	80 - 120	7	20
1,4-Dioxane			500	440.4		ug/L		88	64 - 130	12	30
2,2,4-Trimethylpentane			50.0	49.68		ug/L		99	60 - 120	3	20
2,2-Dichloropropane			50.0	53.41		ug/L		107	53 - 155	2	30
2-Butanone			50.0	46.62		ug/L		93	53 - 137	8	30
2-Chlorotoluene			50.0	53.06		ug/L		106	80 - 121	1	20
2-Hexanone			50.0	49.22		ug/L		98	59 - 131	3	30
2-Methyl-2-butanol (TAA)			250	218.4		ug/L		87	60 - 120	2	20
4-Chlorotoluene			50.0	54.30		ug/L		109	80 - 120	9	20
4-Methyl-2-pentanone			50.0	48.21		ug/L		96	68 - 122	2	30
Acetone			50.0	50.33		ug/L		101	50 - 150	14	30
Acetonitrile			100	106.7		ug/L		107	58 - 136	3	30
Acrolein			100	100.0		ug/L		100	50 - 150	15	30
Acrylonitrile			50.0	50.85		ug/L		102	66 - 126	4	30
Benzene			50.0	50.75		ug/L		101	78 - 120	4	21
Bromobenzene			50.0	56.83		ug/L		114	80 - 120	4	20
Bromochloromethane			50.0	54.10		ug/L		108	77 - 125	3	22
Bromodichloromethane			50.0	51.28		ug/L		103	80 - 125	3	20
Bromoform			50.0	50.46		ug/L		101	68 - 128	6	30
Bromomethane			50.0	53.87		ug/L		108	50 - 150	4	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85947/4
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	50.0	50.11		ug/L		100	50 - 150	5	30
Carbon tetrachloride	50.0	51.07		ug/L		102	67 - 139	4	30
Chlorobenzene	50.0	53.60		ug/L		107	80 - 120	4	20
Chloroethane	50.0	53.18		ug/L		106	64 - 130	4	30
Chloroform	50.0	53.25		ug/L		106	77 - 120	2	23
Chloromethane	50.0	56.93		ug/L		114	56 - 128	5	30
cis-1,2-Dichloroethene	50.0	53.37		ug/L		107	78 - 120	4	23
cis-1,3-Dichloropropene	50.0	49.27		ug/L		99	80 - 129	0	21
Cyclohexane	50.0	50.46		ug/L		101	54 - 138	6	30
Dibromochloromethane	50.0	53.26		ug/L		107	77 - 125	1	21
Dibromomethane	50.0	51.51		ug/L		103	80 - 120	2	20
Dichlorodifluoromethane	50.0	48.59		ug/L		97	50 - 150	4	30
Diethyl ether	50.0	50.53		ug/L		101	70 - 130	16	29
Di-isopropyl ether (DIPE)	50.0	51.67		ug/L		103	72 - 132	2	29
Ethanol	500	474.2		ug/L		95	56 - 150	10	30
Ethylbenzene	50.0	55.35		ug/L		111	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	50.0	49.39		ug/L		99	74 - 122	3	27
Hexachloro-1,3-butadiene	50.0	52.15		ug/L		104	75 - 135	6	27
Hexane	50.0	53.61		ug/L		107	50 - 150	7	71
Iodomethane	250	261.6		ug/L		105	50 - 150	9	30
Isobutyl alcohol	250	256.0		ug/L		102	60 - 120	0	20
Isopropanol	250	232.4		ug/L		93	50 - 143	2	30
Isopropylbenzene	50.0	54.60		ug/L		109	80 - 126	1	20
m,p-Xylene	100	116.7		ug/L		117	80 - 125	4	30
Methylene Chloride	50.0	50.66		ug/L		101	73 - 127	3	25
Methyl-t-Butyl Ether (MTBE)	50.0	49.94		ug/L		100	77 - 120	3	24
Naphthalene	50.0	48.85		ug/L		98	64 - 136	3	30
n-Butylbenzene	50.0	54.95		ug/L		110	78 - 132	6	23
N-Propylbenzene	50.0	57.15		ug/L		114	80 - 125	2	20
o-Xylene	50.0	56.93		ug/L		114	80 - 125	4	20
p-Isopropyltoluene	50.0	55.94		ug/L		112	80 - 129	8	20
sec-Butylbenzene	50.0	53.26		ug/L		107	80 - 125	7	20
Styrene	50.0	56.59		ug/L		113	80 - 122	2	20
Tert-amyl-methyl ether (TAME)	50.0	50.67		ug/L		101	74 - 122	2	28
tert-Butyl alcohol (TBA)	250	246.2		ug/L		98	80 - 126	10	30
tert-Butylbenzene	50.0	53.42		ug/L		107	80 - 125	7	20
Tetrachloroethene	50.0	53.70		ug/L		107	54 - 144	4	30
Tetrahydrofuran	50.0	46.07		ug/L		92	61 - 127	4	30
Thiophene	50.0	51.87		ug/L		104	80 - 120	0	20
Toluene	50.0	51.48		ug/L		103	80 - 122	3	20
trans-1,2-Dichloroethene	50.0	54.43		ug/L		109	70 - 130	7	30
trans-1,3-Dichloropropene	50.0	51.09		ug/L		102	78 - 132	2	22
trans-1,4-Dichloro-2-butene	50.0	49.14		ug/L		98	57 - 141	3	30
Trichloroethene	50.0	54.16		ug/L		108	77 - 125	7	22
Trichlorofluoromethane	50.0	66.68		ug/L		133	69 - 141	6	30
Vinyl acetate	50.0	45.75		ug/L		92	50 - 150	10	30
Vinyl chloride	50.0	50.51		ug/L		101	63 - 135	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85947/4
Matrix: Water
Analysis Batch: 85947

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*109*		*80 - 129*
4-Bromofluorobenzene (Surr)	*105*		*77 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 128*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 570-85956/11
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/05/20 23:40	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/05/20 23:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/05/20 23:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/05/20 23:40	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/05/20 23:40	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/05/20 23:40	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/05/20 23:40	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/05/20 23:40	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/05/20 23:40	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/05/20 23:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/05/20 23:40	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/05/20 23:40	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/05/20 23:40	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/05/20 23:40	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/05/20 23:40	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/05/20 23:40	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/05/20 23:40	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/05/20 23:40	1
1,3-Butadiene	ND		25	0.95	ug/L			08/05/20 23:40	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/05/20 23:40	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/05/20 23:40	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/05/20 23:40	1
1,4-Dioxane	ND		100	26	ug/L			08/05/20 23:40	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/05/20 23:40	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/05/20 23:40	1
2-Butanone	ND		20	3.6	ug/L			08/05/20 23:40	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/05/20 23:40	1
2-Hexanone	ND		10	5.3	ug/L			08/05/20 23:40	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/05/20 23:40	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/05/20 23:40	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/05/20 23:40	1
Acetone	ND		20	10	ug/L			08/05/20 23:40	1
Acetonitrile	ND		50	1.5	ug/L			08/05/20 23:40	1
Acrolein	ND		50	2.4	ug/L			08/05/20 23:40	1
Acrylonitrile	ND		20	3.1	ug/L			08/05/20 23:40	1
Benzene	ND		0.50	0.14	ug/L			08/05/20 23:40	1
Bromobenzene	ND		1.0	0.19	ug/L			08/05/20 23:40	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/05/20 23:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85956/11
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		1.0	0.23	ug/L			08/05/20 23:40	1
Bromoform	ND		5.0	1.8	ug/L			08/05/20 23:40	1
Bromomethane	ND		50	19	ug/L			08/05/20 23:40	1
Carbon disulfide	ND		10	0.70	ug/L			08/05/20 23:40	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/05/20 23:40	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/05/20 23:40	1
Chloroethane	ND		5.0	0.76	ug/L			08/05/20 23:40	1
Chloroform	ND		1.0	0.18	ug/L			08/05/20 23:40	1
Chloromethane	ND		10	0.50	ug/L			08/05/20 23:40	1
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/05/20 23:40	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/05/20 23:40	1
Cyclohexane	ND		10	3.3	ug/L			08/05/20 23:40	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/05/20 23:40	1
Dibromomethane	ND		1.0	0.30	ug/L			08/05/20 23:40	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/05/20 23:40	1
Diethyl ether	ND		10	0.31	ug/L			08/05/20 23:40	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/05/20 23:40	1
Ethanol	ND		100	53	ug/L			08/05/20 23:40	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/05/20 23:40	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/05/20 23:40	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/05/20 23:40	1
Hexane	ND		5.0	0.95	ug/L			08/05/20 23:40	1
Iodomethane	ND		50	19	ug/L			08/05/20 23:40	1
Isobutyl alcohol	ND		50	20	ug/L			08/05/20 23:40	1
Isopropanol	ND		200	100	ug/L			08/05/20 23:40	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/05/20 23:40	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/05/20 23:40	1
Methylene Chloride	ND		10	4.0	ug/L			08/05/20 23:40	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/05/20 23:40	1
Naphthalene	ND		10	5.1	ug/L			08/05/20 23:40	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/05/20 23:40	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/05/20 23:40	1
o-Xylene	ND		1.0	0.15	ug/L			08/05/20 23:40	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/05/20 23:40	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/05/20 23:40	1
Styrene	0.1703	J	1.0	0.15	ug/L			08/05/20 23:40	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/05/20 23:40	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/05/20 23:40	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/05/20 23:40	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/05/20 23:40	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/05/20 23:40	1
Thiophene	ND		10	0.16	ug/L			08/05/20 23:40	1
Toluene	ND		1.0	0.13	ug/L			08/05/20 23:40	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/05/20 23:40	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/05/20 23:40	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/05/20 23:40	1
Trichloroethene	ND		1.0	0.24	ug/L			08/05/20 23:40	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/05/20 23:40	1
Vinyl acetate	ND		10	2.9	ug/L			08/05/20 23:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85956/11
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.50	0.16	ug/L			08/05/20 23:40	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/05/20 23:40	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/05/20 23:40*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 129*		*08/05/20 23:40*	*1*
4-Bromofluorobenzene (Surr)	*99*		*77 - 120*		*08/05/20 23:40*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 128*		*08/05/20 23:40*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*08/05/20 23:40*	*1*

Lab Sample ID: LCS 570-85956/4
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	50.30		ug/L		101	80 - 126
1,1,1-Trichloroethane	50.0	49.78		ug/L		100	73 - 127
1,1,2,2-Tetrachloroethane	50.0	53.41		ug/L		107	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.84		ug/L		88	53 - 155
1,1,2-Trichloroethane	50.0	54.06		ug/L		108	80 - 120
1,1-Dichloroethane	50.0	48.93		ug/L		98	73 - 127
1,1-Dichloroethene	50.0	49.33		ug/L		99	64 - 136
1,1-Dichloropropene	50.0	52.06		ug/L		104	73 - 127
1,2,3-Trichlorobenzene	50.0	49.35		ug/L		99	76 - 130
1,2,3-Trichloropropane	50.0	47.52		ug/L		95	77 - 125
1,2,4-Trichlorobenzene	50.0	48.59		ug/L		97	74 - 134
1,2,4-Trimethylbenzene	50.0	48.39		ug/L		97	80 - 123
1,2-Dibromo-3-Chloropropane	50.0	44.94		ug/L		90	68 - 128
1,2-Dibromoethane	50.0	52.60		ug/L		105	80 - 120
1,2-Dichlorobenzene	50.0	50.67		ug/L		101	80 - 120
1,2-Dichloroethane	50.0	52.55		ug/L		105	75 - 123
1,2-Dichloropropane	50.0	51.87		ug/L		104	80 - 120
1,3,5-Trimethylbenzene	50.0	52.80		ug/L		106	80 - 126
1,3-Butadiene	50.0	38.01		ug/L		76	50 - 150
1,3-Dichlorobenzene	50.0	49.78		ug/L		100	80 - 120
1,3-Dichloropropane	50.0	51.91		ug/L		104	80 - 120
1,4-Dichlorobenzene	50.0	48.52		ug/L		97	80 - 120
1,4-Dioxane	500	547.0		ug/L		109	64 - 130
2,2,4-Trimethylpentane	50.0	52.22		ug/L		104	60 - 120
2,2-Dichloropropane	50.0	51.14		ug/L		102	53 - 155
2-Butanone	50.0	53.79		ug/L		108	53 - 137
2-Chlorotoluene	50.0	51.54		ug/L		103	80 - 121
2-Hexanone	50.0	46.56		ug/L		93	59 - 131
2-Methyl-2-butanol (TAA)	250	249.6		ug/L		100	60 - 120
4-Chlorotoluene	50.0	49.18		ug/L		98	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85956/4
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone	50.0	49.33		ug/L		99	68 - 122
Acetone	50.0	58.00		ug/L		116	50 - 150
Acetonitrile	100	105.3		ug/L		105	58 - 136
Acrolein	100	113.8		ug/L		114	50 - 150
Acrylonitrile	50.0	55.34		ug/L		111	66 - 126
Benzene	50.0	50.61		ug/L		101	78 - 120
Bromobenzene	50.0	52.32		ug/L		105	80 - 120
Bromochloromethane	50.0	54.45		ug/L		109	77 - 125
Bromodichloromethane	50.0	52.27		ug/L		105	80 - 125
Bromoform	50.0	49.30		ug/L		99	68 - 128
Bromomethane	50.0	47.62	J	ug/L		95	50 - 150
Carbon disulfide	50.0	50.27		ug/L		101	50 - 150
Carbon tetrachloride	50.0	48.32		ug/L		97	67 - 139
Chlorobenzene	50.0	50.89		ug/L		102	80 - 120
Chloroethane	50.0	59.65		ug/L		119	64 - 130
Chloroform	50.0	51.06		ug/L		102	77 - 120
Chloromethane	50.0	50.90		ug/L		102	56 - 128
cis-1,2-Dichloroethene	50.0	55.71		ug/L		111	78 - 120
cis-1,3-Dichloropropene	50.0	48.32		ug/L		97	80 - 129
Cyclohexane	50.0	52.23		ug/L		104	54 - 138
Dibromochloromethane	50.0	51.27		ug/L		103	77 - 125
Dibromomethane	50.0	54.45		ug/L		109	80 - 120
Dichlorodifluoromethane	50.0	46.17		ug/L		92	50 - 150
Diethyl ether	50.0	57.90		ug/L		116	70 - 130
Di-isopropyl ether (DIPE)	50.0	51.82		ug/L		104	72 - 132
Ethanol	500	563.4		ug/L		113	56 - 150
Ethylbenzene	50.0	51.34		ug/L		103	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	47.58		ug/L		95	74 - 122
Hexachloro-1,3-butadiene	50.0	50.54		ug/L		101	75 - 135
Hexane	50.0	50.08		ug/L		100	50 - 150
Iodomethane	250	206.6		ug/L		83	50 - 150
Isobutyl alcohol	250	231.2		ug/L		92	60 - 120
Isopropanol	250	271.4		ug/L		109	50 - 143
Isopropylbenzene	50.0	52.69		ug/L		105	80 - 126
m,p-Xylene	100	104.4		ug/L		104	80 - 125
Methylene Chloride	50.0	54.39		ug/L		109	73 - 127
Methyl-t-Butyl Ether (MTBE)	50.0	49.40		ug/L		99	77 - 120
Naphthalene	50.0	48.05		ug/L		96	64 - 136
n-Butylbenzene	50.0	50.24		ug/L		100	78 - 132
N-Propylbenzene	50.0	53.16		ug/L		106	80 - 125
o-Xylene	50.0	54.16		ug/L		108	80 - 125
p-Isopropyltoluene	50.0	48.84		ug/L		98	80 - 129
sec-Butylbenzene	50.0	50.82		ug/L		102	80 - 125
Styrene	50.0	53.02		ug/L		106	80 - 122
Tert-amyl-methyl ether (TAME)	50.0	48.51		ug/L		97	74 - 122
tert-Butyl alcohol (TBA)	250	267.7		ug/L		107	80 - 126
tert-Butylbenzene	50.0	50.39		ug/L		101	80 - 125
Tetrachloroethene	50.0	49.52		ug/L		99	54 - 144
Tetrahydrofuran	50.0	50.57		ug/L		101	61 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85956/4
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thiophene	50.0	54.72		ug/L		109	80 - 120
Toluene	50.0	51.54		ug/L		103	80 - 122
trans-1,2-Dichloroethene	50.0	51.44		ug/L		103	70 - 130
trans-1,3-Dichloropropene	50.0	53.74		ug/L		107	78 - 132
trans-1,4-Dichloro-2-butene	50.0	50.41		ug/L		101	57 - 141
Trichloroethene	50.0	50.32		ug/L		101	77 - 125
Trichlorofluoromethane	50.0	51.27		ug/L		103	69 - 141
Vinyl acetate	50.0	56.69		ug/L		113	50 - 150
Vinyl chloride	50.0	52.31		ug/L		105	63 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 129*
4-Bromofluorobenzene (Surr)	*107*		*77 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 128*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-85956/5
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	48.81		ug/L		98	80 - 126	3	30
1,1,1-Trichloroethane	50.0	48.10		ug/L		96	73 - 127	3	30
1,1,2,2-Tetrachloroethane	50.0	51.23		ug/L		102	76 - 120	4	28
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	42.22		ug/L		84	53 - 155	4	30
1,1,2-Trichloroethane	50.0	53.05		ug/L		106	80 - 120	2	30
1,1-Dichloroethane	50.0	47.75		ug/L		96	73 - 127	2	30
1,1-Dichloroethene	50.0	47.35		ug/L		95	64 - 136	4	30
1,1-Dichloropropene	50.0	50.89		ug/L		102	73 - 127	2	30
1,2,3-Trichlorobenzene	50.0	48.83		ug/L		98	76 - 130	1	30
1,2,3-Trichloropropane	50.0	46.74		ug/L		93	77 - 125	2	30
1,2,4-Trichlorobenzene	50.0	47.85		ug/L		96	74 - 134	2	30
1,2,4-Trimethylbenzene	50.0	46.88		ug/L		94	80 - 123	3	30
1,2-Dibromo-3-Chloropropane	50.0	43.91		ug/L		88	68 - 128	2	30
1,2-Dibromoethane	50.0	51.78		ug/L		104	80 - 120	2	30
1,2-Dichlorobenzene	50.0	49.20		ug/L		98	80 - 120	3	20
1,2-Dichloroethane	50.0	50.58		ug/L		101	75 - 123	4	24
1,2-Dichloropropane	50.0	49.90		ug/L		100	80 - 120	4	20
1,3,5-Trimethylbenzene	50.0	51.31		ug/L		103	80 - 126	3	20
1,3-Butadiene	50.0	37.02		ug/L		74	50 - 150	3	30
1,3-Dichlorobenzene	50.0	48.50		ug/L		97	80 - 120	3	20
1,3-Dichloropropane	50.0	50.36		ug/L		101	80 - 120	3	20
1,4-Dichlorobenzene	50.0	47.30		ug/L		95	80 - 120	3	20
1,4-Dioxane	500	522.8		ug/L		105	64 - 130	5	30
2,2,4-Trimethylpentane	50.0	51.25		ug/L		102	60 - 120	2	20
2,2-Dichloropropane	50.0	49.78		ug/L		100	53 - 155	3	30
2-Butanone	50.0	52.36		ug/L		105	53 - 137	3	30
2-Chlorotoluene	50.0	50.00		ug/L		100	80 - 121	3	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85956/5
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	50.0	46.41		ug/L		93	59 - 131	0	30
2-Methyl-2-butanol (TAA)	250	243.1		ug/L		97	60 - 120	3	20
4-Chlorotoluene	50.0	48.20		ug/L		96	80 - 120	2	20
4-Methyl-2-pentanone	50.0	48.16		ug/L		96	68 - 122	2	30
Acetone	50.0	57.33		ug/L		115	50 - 150	1	30
Acetonitrile	100	102.4		ug/L		102	58 - 136	3	30
Acrolein	100	112.0		ug/L		112	50 - 150	2	30
Acrylonitrile	50.0	53.33		ug/L		107	66 - 126	4	30
Benzene	50.0	48.70		ug/L		97	78 - 120	4	21
Bromobenzene	50.0	50.92		ug/L		102	80 - 120	3	20
Bromochloromethane	50.0	54.82		ug/L		110	77 - 125	1	22
Bromodichloromethane	50.0	50.77		ug/L		102	80 - 125	3	20
Bromoform	50.0	48.36		ug/L		97	68 - 128	2	30
Bromomethane	50.0	49.44	J	ug/L		99	50 - 150	4	30
Carbon disulfide	50.0	49.23		ug/L		98	50 - 150	2	30
Carbon tetrachloride	50.0	46.82		ug/L		94	67 - 139	3	30
Chlorobenzene	50.0	49.27		ug/L		99	80 - 120	3	20
Chloroethane	50.0	59.81		ug/L		120	64 - 130	0	30
Chloroform	50.0	49.98		ug/L		100	77 - 120	2	23
Chloromethane	50.0	51.75		ug/L		104	56 - 128	2	30
cis-1,2-Dichloroethene	50.0	54.83		ug/L		110	78 - 120	2	23
cis-1,3-Dichloropropene	50.0	46.59		ug/L		93	80 - 129	4	21
Cyclohexane	50.0	51.29		ug/L		103	54 - 138	2	30
Dibromochloromethane	50.0	50.64		ug/L		101	77 - 125	1	21
Dibromomethane	50.0	53.26		ug/L		107	80 - 120	2	20
Dichlorodifluoromethane	50.0	46.78		ug/L		94	50 - 150	1	30
Diethyl ether	50.0	57.32		ug/L		115	70 - 130	1	29
Di-isopropyl ether (DIPE)	50.0	50.21		ug/L		100	72 - 132	3	29
Ethanol	500	559.6		ug/L		112	56 - 150	1	30
Ethylbenzene	50.0	49.63		ug/L		99	80 - 120	3	20
Ethyl-t-butyl ether (ETBE)	50.0	46.76		ug/L		94	74 - 122	2	27
Hexachloro-1,3-butadiene	50.0	48.92		ug/L		98	75 - 135	3	27
Hexane	50.0	48.87		ug/L		98	50 - 150	2	71
Iodomethane	250	207.7		ug/L		83	50 - 150	1	30
Isobutyl alcohol	250	240.0		ug/L		96	60 - 120	4	20
Isopropanol	250	255.7		ug/L		102	50 - 143	6	30
Isopropylbenzene	50.0	51.47		ug/L		103	80 - 126	2	20
m,p-Xylene	100	100.9		ug/L		101	80 - 125	3	30
Methylene Chloride	50.0	53.55		ug/L		107	73 - 127	2	25
Methyl-t-Butyl Ether (MTBE)	50.0	48.50		ug/L		97	77 - 120	2	24
Naphthalene	50.0	48.25		ug/L		97	64 - 136	0	30
n-Butylbenzene	50.0	48.97		ug/L		98	78 - 132	3	23
N-Propylbenzene	50.0	51.62		ug/L		103	80 - 125	3	20
o-Xylene	50.0	52.37		ug/L		105	80 - 125	3	20
p-Isopropyltoluene	50.0	47.46		ug/L		95	80 - 129	3	20
sec-Butylbenzene	50.0	49.66		ug/L		99	80 - 125	2	20
Styrene	50.0	51.76		ug/L		104	80 - 122	2	20
Tert-amyl-methyl ether (TAME)	50.0	47.41		ug/L		95	74 - 122	2	28
tert-Butyl alcohol (TBA)	250	253.6		ug/L		101	80 - 126	5	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85956/5
Matrix: Water
Analysis Batch: 85956

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butylbenzene			50.0	48.88		ug/L		98	80 - 125	3	20
Tetrachloroethene			50.0	47.73		ug/L		95	54 - 144	4	30
Tetrahydrofuran			50.0	52.65		ug/L		105	61 - 127	4	30
Thiophene			50.0	53.32		ug/L		107	80 - 120	3	20
Toluene			50.0	49.71		ug/L		99	80 - 122	4	20
trans-1,2-Dichloroethene			50.0	50.14		ug/L		100	70 - 130	3	30
trans-1,3-Dichloropropene			50.0	51.39		ug/L		103	78 - 132	4	22
trans-1,4-Dichloro-2-butene			50.0	49.06		ug/L		98	57 - 141	3	30
Trichloroethene			50.0	49.00		ug/L		98	77 - 125	3	22
Trichlorofluoromethane			50.0	51.53		ug/L		103	69 - 141	1	30
Vinyl acetate			50.0	51.41		ug/L		103	50 - 150	10	30
Vinyl chloride			50.0	53.40		ug/L		107	63 - 135	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 129*
4-Bromofluorobenzene (Surr)	*107*		*77 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-85981/6
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.24	ug/Kg			08/05/20 22:54	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/05/20 22:54	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.35	ug/Kg			08/05/20 22:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.35	ug/Kg			08/05/20 22:54	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/Kg			08/05/20 22:54	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			08/05/20 22:54	1
1,1-Dichloroethene	ND		1.0	0.35	ug/Kg			08/05/20 22:54	1
1,1-Dichloropropene	ND		2.0	0.33	ug/Kg			08/05/20 22:54	1
1,2,3-Trichlorobenzene	ND		2.0	0.91	ug/Kg			08/05/20 22:54	1
1,2,3-Trichloropropane	ND		2.0	0.83	ug/Kg			08/05/20 22:54	1
1,2,4-Trichlorobenzene	ND		2.0	0.31	ug/Kg			08/05/20 22:54	1
1,2,4-Trimethylbenzene	ND		2.0	0.59	ug/Kg			08/05/20 22:54	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg			08/05/20 22:54	1
1,2-Dibromoethane	ND		1.0	0.26	ug/Kg			08/05/20 22:54	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/Kg			08/05/20 22:54	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg			08/05/20 22:54	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg			08/05/20 22:54	1
1,3,5-Trimethylbenzene	ND		2.0	0.55	ug/Kg			08/05/20 22:54	1
1,3-Butadiene	ND		1.0	0.79	ug/Kg			08/05/20 22:54	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/Kg			08/05/20 22:54	1
1,3-Dichloropropane	ND		1.0	0.25	ug/Kg			08/05/20 22:54	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/Kg			08/05/20 22:54	1
1,4-Dioxane	ND		100	48	ug/Kg			08/05/20 22:54	1
2,2,4-Trimethylpentane	ND		1.0	0.54	ug/Kg			08/05/20 22:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85981/6
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		5.0	0.33	ug/Kg			08/05/20 22:54	1
2-Butanone	ND		20	3.8	ug/Kg			08/05/20 22:54	1
2-Chloroethyl vinyl ether	ND		50	8.4	ug/Kg			08/05/20 22:54	1
2-Chlorotoluene	ND		1.0	0.23	ug/Kg			08/05/20 22:54	1
2-Hexanone	ND		20	1.8	ug/Kg			08/05/20 22:54	1
2-Methyl-2-butanol (TAA)	ND		50	21	ug/Kg			08/05/20 22:54	1
4-Chlorotoluene	ND		1.0	0.21	ug/Kg			08/05/20 22:54	1
4-Methyl-2-pentanone	ND		20	4.3	ug/Kg			08/05/20 22:54	1
Acetone	ND		50	6.2	ug/Kg			08/05/20 22:54	1
Acetonitrile	ND		100	2.5	ug/Kg			08/05/20 22:54	1
Acrolein	ND		50	12	ug/Kg			08/05/20 22:54	1
Acrylonitrile	ND		100	3.0	ug/Kg			08/05/20 22:54	1
Benzene	ND		1.0	0.13	ug/Kg			08/05/20 22:54	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/05/20 22:54	1
Bromochloromethane	ND		2.0	0.69	ug/Kg			08/05/20 22:54	1
Bromodichloromethane	ND		1.0	0.23	ug/Kg			08/05/20 22:54	1
Bromoform	ND		5.0	0.79	ug/Kg			08/05/20 22:54	1
Bromomethane	ND		20	9.4	ug/Kg			08/05/20 22:54	1
Carbon disulfide	ND		10	0.31	ug/Kg			08/05/20 22:54	1
Carbon tetrachloride	ND		1.0	0.28	ug/Kg			08/05/20 22:54	1
Chlorobenzene	ND		1.0	0.22	ug/Kg			08/05/20 22:54	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/05/20 22:54	1
Chloroform	ND		1.0	0.24	ug/Kg			08/05/20 22:54	1
Chloromethane	ND		20	0.30	ug/Kg			08/05/20 22:54	1
cis-1,2-Dichloroethene	ND		1.0	0.28	ug/Kg			08/05/20 22:54	1
cis-1,3-Dichloropropene	ND		1.0	0.25	ug/Kg			08/05/20 22:54	1
Cyclohexane	ND		50	2.6	ug/Kg			08/05/20 22:54	1
Dibromochloromethane	ND		2.0	0.57	ug/Kg			08/05/20 22:54	1
Dibromomethane	ND		1.0	0.77	ug/Kg			08/05/20 22:54	1
Dichlorodifluoromethane	ND		2.0	0.44	ug/Kg			08/05/20 22:54	1
Diethyl ether	ND		20	5.9	ug/Kg			08/05/20 22:54	1
Di-isopropyl ether (DIPE)	ND		1.0	0.48	ug/Kg			08/05/20 22:54	1
Ethanol	ND		500	84	ug/Kg			08/05/20 22:54	1
Ethylbenzene	ND		1.0	0.15	ug/Kg			08/05/20 22:54	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.51	ug/Kg			08/05/20 22:54	1
Hexachloro-1,3-butadiene	ND		5.0	0.32	ug/Kg			08/05/20 22:54	1
Hexane	ND		5.0	0.37	ug/Kg			08/05/20 22:54	1
Iodomethane	ND		50	8.3	ug/Kg			08/05/20 22:54	1
Isobutyl alcohol	ND		50	4.6	ug/Kg			08/05/20 22:54	1
Isopropanol	ND		100	28	ug/Kg			08/05/20 22:54	1
Isopropylbenzene	ND		1.0	0.55	ug/Kg			08/05/20 22:54	1
m,p-Xylene	ND		2.0	0.27	ug/Kg			08/05/20 22:54	1
Methylene Chloride	ND		10	1.3	ug/Kg			08/05/20 22:54	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.30	ug/Kg			08/05/20 22:54	1
Naphthalene	ND		10	0.81	ug/Kg			08/05/20 22:54	1
n-Butylbenzene	ND		1.0	0.16	ug/Kg			08/05/20 22:54	1
N-Propylbenzene	ND		2.0	0.50	ug/Kg			08/05/20 22:54	1
o-Xylene	ND		1.0	0.56	ug/Kg			08/05/20 22:54	1
p-Isopropyltoluene	ND		1.0	0.63	ug/Kg			08/05/20 22:54	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85981/6
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0	0.58	ug/Kg			08/05/20 22:54	1
Styrene	ND		1.0	0.60	ug/Kg			08/05/20 22:54	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.35	ug/Kg			08/05/20 22:54	1
tert-Butyl alcohol (TBA)	ND		20	5.2	ug/Kg			08/05/20 22:54	1
tert-Butylbenzene	ND		1.0	0.15	ug/Kg			08/05/20 22:54	1
Tetrachloroethene	ND		1.0	0.21	ug/Kg			08/05/20 22:54	1
Tetrahydrofuran	ND		20	3.7	ug/Kg			08/05/20 22:54	1
Thiophene	ND		5.0	0.55	ug/Kg			08/05/20 22:54	1
Toluene	ND		1.0	0.52	ug/Kg			08/05/20 22:54	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/Kg			08/05/20 22:54	1
trans-1,3-Dichloropropene	ND		2.0	0.61	ug/Kg			08/05/20 22:54	1
trans-1,4-Dichloro-2-butene	ND		10	2.4	ug/Kg			08/05/20 22:54	1
Trichloroethene	ND		2.0	0.30	ug/Kg			08/05/20 22:54	1
Trichlorofluoromethane	ND		10	0.38	ug/Kg			08/05/20 22:54	1
Vinyl acetate	ND		10	4.7	ug/Kg			08/05/20 22:54	1
Vinyl chloride	ND		1.0	0.50	ug/Kg			08/05/20 22:54	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/05/20 22:54*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*		*08/05/20 22:54*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*08/05/20 22:54*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*		*08/05/20 22:54*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/05/20 22:54*	*1*

Lab Sample ID: LCS 570-85981/3
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	53.30		ug/Kg		107	73 - 133
1,1,1-Trichloroethane	50.0	53.32		ug/Kg		107	71 - 131
1,1,2,2-Tetrachloroethane	50.0	55.06		ug/Kg		110	77 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.92		ug/Kg		94	77 - 125
1,1,2-Trichloroethane	50.0	52.12		ug/Kg		104	80 - 120
1,1-Dichloroethane	50.0	53.32		ug/Kg		107	74 - 120
1,1-Dichloroethene	50.0	52.02		ug/Kg		104	71 - 125
1,1-Dichloropropene	50.0	55.03		ug/Kg		110	69 - 120
1,2,3-Trichlorobenzene	50.0	57.60		ug/Kg		115	73 - 127
1,2,3-Trichloropropane	50.0	53.84		ug/Kg		108	60 - 120
1,2,4-Trichlorobenzene	50.0	59.45		ug/Kg		119	74 - 128
1,2,4-Trimethylbenzene	50.0	54.17		ug/Kg		108	75 - 123
1,2-Dibromo-3-Chloropropane	50.0	52.47		ug/Kg		105	54 - 132
1,2-Dibromoethane	50.0	53.14		ug/Kg		106	80 - 120
1,2-Dichlorobenzene	50.0	52.05		ug/Kg		104	80 - 120
1,2-Dichloroethane	50.0	49.08		ug/Kg		98	79 - 121

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85981/3
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloropropane	50.0	56.26		ug/Kg		113	77 - 123
1,3,5-Trimethylbenzene	50.0	54.95		ug/Kg		110	80 - 123
1,3-Butadiene	50.0	37.45	*	ug/Kg		75	80 - 120
1,3-Dichlorobenzene	50.0	52.50		ug/Kg		105	80 - 120
1,3-Dichloropropane	50.0	51.84		ug/Kg		104	80 - 120
1,4-Dichlorobenzene	50.0	52.53		ug/Kg		105	80 - 120
1,4-Dioxane	500	565.3		ug/Kg		113	80 - 120
2,2,4-Trimethylpentane	50.0	54.42		ug/Kg		109	70 - 130
2,2-Dichloropropane	50.0	58.21		ug/Kg		116	58 - 142
2-Butanone	50.0	54.74		ug/Kg		109	56 - 176
2-Chlorotoluene	50.0	54.36		ug/Kg		109	56 - 176
2-Hexanone	50.0	56.93		ug/Kg		114	67 - 151
2-Methyl-2-butanol (TAA)	250	280.3		ug/Kg		112	80 - 120
4-Chlorotoluene	50.0	52.64		ug/Kg		105	67 - 151
4-Methyl-2-pentanone	50.0	57.60		ug/Kg		115	72 - 126
Acetone	50.0	58.52		ug/Kg		117	30 - 150
Acetonitrile	100	106.1		ug/Kg		106	79 - 120
Acrolein	100	121.1	*	ug/Kg		121	80 - 120
Acrylonitrile	50.0	53.50	J	ug/Kg		107	80 - 120
Benzene	50.0	54.58		ug/Kg		109	79 - 120
Bromobenzene	50.0	52.39		ug/Kg		105	80 - 120
Bromochloromethane	50.0	51.08		ug/Kg		102	80 - 120
Bromodichloromethane	50.0	54.66		ug/Kg		109	73 - 127
Bromoform	50.0	48.52		ug/Kg		97	55 - 133
Bromomethane	50.0	42.52		ug/Kg		85	36 - 144
Carbon disulfide	50.0	49.66		ug/Kg		99	53 - 125
Carbon tetrachloride	50.0	56.17		ug/Kg		112	58 - 142
Chlorobenzene	50.0	52.48		ug/Kg		105	80 - 120
Chloroethane	50.0	53.68		ug/Kg		107	60 - 120
Chloroform	50.0	54.52		ug/Kg		109	80 - 120
Chloromethane	50.0	54.26		ug/Kg		109	50 - 122
cis-1,2-Dichloroethene	50.0	55.53		ug/Kg		111	80 - 123
cis-1,3-Dichloropropene	50.0	57.39		ug/Kg		115	74 - 128
Cyclohexane	50.0	51.42		ug/Kg		103	80 - 120
Dibromochloromethane	50.0	51.27		ug/Kg		103	50 - 122
Dibromomethane	50.0	53.22		ug/Kg		106	70 - 130
Dichlorodifluoromethane	50.0	48.53		ug/Kg		97	32 - 158
Diethyl ether	50.0	56.29		ug/Kg		113	80 - 120
Di-isopropyl ether (DIPE)	50.0	55.21		ug/Kg		110	65 - 131
Ethanol	500	430.6	J	ug/Kg		86	32 - 158
Ethylbenzene	50.0	54.37		ug/Kg		109	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	54.64		ug/Kg		109	58 - 136
Hexachloro-1,3-butadiene	50.0	55.84		ug/Kg		112	80 - 120
Hexane	50.0	51.67		ug/Kg		103	80 - 120
Iodomethane	250	240.9		ug/Kg		96	80 - 120
Isobutyl alcohol	250	270.1		ug/Kg		108	80 - 120
Isopropanol	250	294.1		ug/Kg		118	80 - 120
Isopropylbenzene	50.0	55.41		ug/Kg		111	80 - 129
m,p-Xylene	100	110.5		ug/Kg		111	80 - 122

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85981/3
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	50.0	50.74		ug/Kg		101	72 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	52.88		ug/Kg		106	64 - 124
Naphthalene	50.0	58.23		ug/Kg		116	64 - 124
n-Butylbenzene	50.0	58.04		ug/Kg		116	78 - 126
N-Propylbenzene	50.0	55.60		ug/Kg		111	80 - 122
o-Xylene	50.0	55.55		ug/Kg		111	79 - 127
p-Isopropyltoluene	50.0	56.88		ug/Kg		114	80 - 122
sec-Butylbenzene	50.0	56.46		ug/Kg		113	79 - 127
Styrene	50.0	54.07		ug/Kg		108	80 - 123
Tert-amyl-methyl ether (TAME)	50.0	55.12		ug/Kg		110	63 - 129
tert-Butyl alcohol (TBA)	250	252.8		ug/Kg		101	79 - 121
tert-Butylbenzene	50.0	55.59		ug/Kg		111	80 - 128
Tetrachloroethene	50.0	52.03		ug/Kg		104	75 - 123
Tetrahydrofuran	50.0	54.69		ug/Kg		109	80 - 120
Thiophene	50.0	54.27		ug/Kg		109	80 - 120
Toluene	50.0	53.46		ug/Kg		107	80 - 120
trans-1,2-Dichloroethene	50.0	52.37		ug/Kg		105	80 - 120
trans-1,3-Dichloropropene	50.0	54.39		ug/Kg		109	66 - 120
trans-1,4-Dichloro-2-butene	50.0	52.36		ug/Kg		105	80 - 120
Trichloroethene	50.0	53.48		ug/Kg		107	80 - 120
Trichlorofluoromethane	50.0	52.13		ug/Kg		104	70 - 136
Vinyl acetate	50.0	61.45		ug/Kg		123	51 - 159
Vinyl chloride	50.0	57.54		ug/Kg		115	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-85981/4
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	52.20		ug/Kg		104	73 - 133	2	20
1,1,1-Trichloroethane	50.0	51.65		ug/Kg		103	71 - 131	3	20
1,1,2,2-Tetrachloroethane	50.0	55.49		ug/Kg		111	77 - 120	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.98		ug/Kg		88	77 - 125	6	20
1,1,2-Trichloroethane	50.0	52.22		ug/Kg		104	80 - 120	0	20
1,1-Dichloroethane	50.0	52.04		ug/Kg		104	74 - 120	2	20
1,1-Dichloroethene	50.0	49.37		ug/Kg		99	71 - 125	5	20
1,1-Dichloropropene	50.0	53.45		ug/Kg		107	69 - 120	3	20
1,2,3-Trichlorobenzene	50.0	58.45		ug/Kg		117	73 - 127	1	20
1,2,3-Trichloropropane	50.0	53.17		ug/Kg		106	60 - 120	1	20
1,2,4-Trichlorobenzene	50.0	58.21		ug/Kg		116	74 - 128	2	20
1,2,4-Trimethylbenzene	50.0	53.82		ug/Kg		108	75 - 123	1	20
1,2-Dibromo-3-Chloropropane	50.0	51.64		ug/Kg		103	54 - 132	2	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85981/4
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dibromoethane	50.0	52.14		ug/Kg		104	80 - 120	2	20
1,2-Dichlorobenzene	50.0	52.79		ug/Kg		106	80 - 120	1	20
1,2-Dichloroethane	50.0	48.96		ug/Kg		98	79 - 121	0	20
1,2-Dichloropropane	50.0	53.93		ug/Kg		108	77 - 123	4	25
1,3,5-Trimethylbenzene	50.0	53.17		ug/Kg		106	80 - 123	3	20
1,3-Butadiene	50.0	35.74	*	ug/Kg		71	80 - 120	5	20
1,3-Dichlorobenzene	50.0	52.26		ug/Kg		105	80 - 120	0	20
1,3-Dichloropropane	50.0	51.46		ug/Kg		103	80 - 120	1	20
1,4-Dichlorobenzene	50.0	51.99		ug/Kg		104	80 - 120	1	20
1,4-Dioxane	500	535.6		ug/Kg		107	80 - 120	5	20
2,2,4-Trimethylpentane	50.0	52.29		ug/Kg		105	70 - 130	4	20
2,2-Dichloropropane	50.0	56.75		ug/Kg		113	58 - 142	3	20
2-Butanone	50.0	55.10		ug/Kg		110	56 - 176	1	20
2-Chlorotoluene	50.0	53.24		ug/Kg		106	56 - 176	2	20
2-Hexanone	50.0	54.61		ug/Kg		109	67 - 151	4	20
2-Methyl-2-butanol (TAA)	250	268.6		ug/Kg		107	80 - 120	4	20
4-Chlorotoluene	50.0	52.65		ug/Kg		105	67 - 151	0	20
4-Methyl-2-pentanone	50.0	55.57		ug/Kg		111	72 - 126	4	20
Acetone	50.0	57.74		ug/Kg		115	30 - 150	1	20
Acetonitrile	100	104.6		ug/Kg		105	79 - 120	1	20
Acrolein	100	111.2		ug/Kg		111	80 - 120	9	20
Acrylonitrile	50.0	52.44	J	ug/Kg		105	80 - 120	2	20
Benzene	50.0	52.91		ug/Kg		106	79 - 120	3	20
Bromobenzene	50.0	51.46		ug/Kg		103	80 - 120	2	20
Bromochloromethane	50.0	49.02		ug/Kg		98	80 - 120	4	20
Bromodichloromethane	50.0	54.30		ug/Kg		109	73 - 127	1	20
Bromoform	50.0	49.35		ug/Kg		99	55 - 133	2	20
Bromomethane	50.0	39.28		ug/Kg		79	36 - 144	8	20
Carbon disulfide	50.0	46.86		ug/Kg		94	53 - 125	6	20
Carbon tetrachloride	50.0	54.75		ug/Kg		109	58 - 142	3	20
Chlorobenzene	50.0	51.06		ug/Kg		102	80 - 120	3	20
Chloroethane	50.0	51.35		ug/Kg		103	60 - 120	4	20
Chloroform	50.0	53.14		ug/Kg		106	80 - 120	3	20
Chloromethane	50.0	53.56		ug/Kg		107	50 - 122	1	20
cis-1,2-Dichloroethene	50.0	54.10		ug/Kg		108	80 - 123	3	20
cis-1,3-Dichloropropene	50.0	56.68		ug/Kg		113	74 - 128	1	20
Cyclohexane	50.0	49.43	J	ug/Kg		99	80 - 120	4	20
Dibromochloromethane	50.0	51.26		ug/Kg		103	50 - 122	0	20
Dibromomethane	50.0	52.25		ug/Kg		104	70 - 130	2	20
Dichlorodifluoromethane	50.0	46.25		ug/Kg		93	32 - 158	5	20
Diethyl ether	50.0	54.99		ug/Kg		110	80 - 120	2	20
Di-isopropyl ether (DIPE)	50.0	53.71		ug/Kg		107	65 - 131	3	20
Ethanol	500	429.4	J	ug/Kg		86	32 - 158	0	27
Ethylbenzene	50.0	52.86		ug/Kg		106	57 - 153	3	20
Ethyl-t-butyl ether (ETBE)	50.0	53.32		ug/Kg		107	58 - 136	2	20
Hexachloro-1,3-butadiene	50.0	53.93		ug/Kg		108	80 - 120	3	20
Hexane	50.0	49.58		ug/Kg		99	80 - 120	4	20
Iodomethane	250	227.3		ug/Kg		91	80 - 120	6	20
Isobutyl alcohol	250	273.1		ug/Kg		109	80 - 120	1	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85981/4
Matrix: Solid
Analysis Batch: 85981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Isopropanol			250	285.1		ug/Kg		114	80 - 120	3	20
Isopropylbenzene			50.0	54.03		ug/Kg		108	80 - 129	3	20
m,p-Xylene			100	107.6		ug/Kg		108	80 - 122	3	20
Methylene Chloride			50.0	48.62		ug/Kg		97	72 - 120	4	20
Methyl-t-Butyl Ether (MTBE)			50.0	51.69		ug/Kg		103	64 - 124	2	20
Naphthalene			50.0	57.32		ug/Kg		115	64 - 124	2	20
n-Butylbenzene			50.0	56.52		ug/Kg		113	78 - 126	3	25
N-Propylbenzene			50.0	53.88		ug/Kg		108	80 - 122	3	20
o-Xylene			50.0	54.18		ug/Kg		108	79 - 127	2	20
p-Isopropyltoluene			50.0	55.90		ug/Kg		112	80 - 122	2	20
sec-Butylbenzene			50.0	55.41		ug/Kg		111	79 - 127	2	20
Styrene			50.0	52.84		ug/Kg		106	80 - 123	2	20
Tert-amyl-methyl ether (TAME)			50.0	53.63		ug/Kg		107	63 - 129	3	20
tert-Butyl alcohol (TBA)			250	256.0		ug/Kg		102	79 - 121	1	20
tert-Butylbenzene			50.0	54.71		ug/Kg		109	80 - 128	2	20
Tetrachloroethene			50.0	50.81		ug/Kg		102	75 - 123	2	20
Tetrahydrofuran			50.0	53.75		ug/Kg		107	80 - 120	2	20
Thiophene			50.0	53.86		ug/Kg		108	80 - 120	1	20
Toluene			50.0	52.01		ug/Kg		104	80 - 120	3	20
trans-1,2-Dichloroethene			50.0	51.32		ug/Kg		103	80 - 120	2	20
trans-1,3-Dichloropropene			50.0	53.44		ug/Kg		107	66 - 120	2	20
trans-1,4-Dichloro-2-butene			50.0	49.79		ug/Kg		100	80 - 120	5	20
Trichloroethene			50.0	52.28		ug/Kg		105	80 - 120	2	20
Trichlorofluoromethane			50.0	49.88		ug/Kg		100	70 - 136	4	20
Vinyl acetate			50.0	59.34		ug/Kg		119	51 - 159	3	20
Vinyl chloride			50.0	53.89		ug/Kg		108	68 - 120	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*79 - 133*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 570-86028/10
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		50	12	ug/Kg			08/06/20 12:10	50
1,1,1-Trichloroethane	ND		50	11	ug/Kg			08/06/20 12:10	50
1,1,2,2-Tetrachloroethane	ND		100	17	ug/Kg			08/06/20 12:10	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	18	ug/Kg			08/06/20 12:10	50
1,1,2-Trichloroethane	ND		50	18	ug/Kg			08/06/20 12:10	50
1,1-Dichloroethane	ND		50	11	ug/Kg			08/06/20 12:10	50
1,1-Dichloroethene	ND		50	17	ug/Kg			08/06/20 12:10	50
1,1-Dichloropropene	ND		100	16	ug/Kg			08/06/20 12:10	50
1,2,3-Trichlorobenzene	ND		100	46	ug/Kg			08/06/20 12:10	50
1,2,3-Trichloropropane	ND		100	42	ug/Kg			08/06/20 12:10	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-86028/10
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		100	16	ug/Kg			08/06/20 12:10	50
1,2,4-Trimethylbenzene	ND		100	29	ug/Kg			08/06/20 12:10	50
1,2-Dibromo-3-Chloropropane	ND		500	87	ug/Kg			08/06/20 12:10	50
1,2-Dibromoethane	ND		50	13	ug/Kg			08/06/20 12:10	50
1,2-Dichlorobenzene	ND		50	11	ug/Kg			08/06/20 12:10	50
1,2-Dichloroethane	ND		50	16	ug/Kg			08/06/20 12:10	50
1,2-Dichloropropane	ND		50	22	ug/Kg			08/06/20 12:10	50
1,3,5-Trimethylbenzene	ND		100	27	ug/Kg			08/06/20 12:10	50
1,3-Butadiene	ND		50	40	ug/Kg			08/06/20 12:10	50
1,3-Dichlorobenzene	ND		50	8.8	ug/Kg			08/06/20 12:10	50
1,3-Dichloropropane	ND		50	13	ug/Kg			08/06/20 12:10	50
1,4-Dichlorobenzene	ND		50	11	ug/Kg			08/06/20 12:10	50
1,4-Dioxane	ND		5000	2400	ug/Kg			08/06/20 12:10	50
2,2,4-Trimethylpentane	ND		50	27	ug/Kg			08/06/20 12:10	50
2,2-Dichloropropane	ND		250	17	ug/Kg			08/06/20 12:10	50
2-Butanone	ND		1000	190	ug/Kg			08/06/20 12:10	50
2-Chloroethyl vinyl ether	ND		2500	420	ug/Kg			08/06/20 12:10	50
2-Chlorotoluene	ND		50	12	ug/Kg			08/06/20 12:10	50
2-Hexanone	ND		1000	88	ug/Kg			08/06/20 12:10	50
2-Methyl-2-butanol (TAA)	ND		2500	1100	ug/Kg			08/06/20 12:10	50
4-Chlorotoluene	ND		50	11	ug/Kg			08/06/20 12:10	50
4-Methyl-2-pentanone	ND		1000	220	ug/Kg			08/06/20 12:10	50
Acetone	ND		2500	310	ug/Kg			08/06/20 12:10	50
Acetonitrile	ND		5000	120	ug/Kg			08/06/20 12:10	50
Acrolein	ND		2500	620	ug/Kg			08/06/20 12:10	50
Acrylonitrile	ND		5000	150	ug/Kg			08/06/20 12:10	50
Benzene	ND		50	6.5	ug/Kg			08/06/20 12:10	50
Bromobenzene	ND		50	10	ug/Kg			08/06/20 12:10	50
Bromochloromethane	ND		100	35	ug/Kg			08/06/20 12:10	50
Bromodichloromethane	ND		50	12	ug/Kg			08/06/20 12:10	50
Bromoform	ND		250	40	ug/Kg			08/06/20 12:10	50
Bromomethane	ND		1000	470	ug/Kg			08/06/20 12:10	50
Carbon disulfide	ND		500	15	ug/Kg			08/06/20 12:10	50
Carbon tetrachloride	ND		50	14	ug/Kg			08/06/20 12:10	50
Chlorobenzene	ND		50	11	ug/Kg			08/06/20 12:10	50
Chloroethane	ND		100	75	ug/Kg			08/06/20 12:10	50
Chloroform	ND		50	12	ug/Kg			08/06/20 12:10	50
Chloromethane	22.20	J	1000	15	ug/Kg			08/06/20 12:10	50
cis-1,2-Dichloroethene	ND		50	14	ug/Kg			08/06/20 12:10	50
cis-1,3-Dichloropropene	ND		50	13	ug/Kg			08/06/20 12:10	50
Cyclohexane	ND		2500	130	ug/Kg			08/06/20 12:10	50
Dibromochloromethane	ND		100	29	ug/Kg			08/06/20 12:10	50
Dibromomethane	ND		50	39	ug/Kg			08/06/20 12:10	50
Dichlorodifluoromethane	ND		100	22	ug/Kg			08/06/20 12:10	50
Diethyl ether	ND		1000	290	ug/Kg			08/06/20 12:10	50
Di-isopropyl ether (DIPE)	ND		50	24	ug/Kg			08/06/20 12:10	50
Ethanol	ND		25000	4200	ug/Kg			08/06/20 12:10	50
Ethylbenzene	ND		50	7.6	ug/Kg			08/06/20 12:10	50
Ethyl-t-butyl ether (ETBE)	ND		50	25	ug/Kg			08/06/20 12:10	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-86028/10
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		250	16	ug/Kg			08/06/20 12:10	50
Hexane	ND		250	18	ug/Kg			08/06/20 12:10	50
Iodomethane	1803	J	2500	420	ug/Kg			08/06/20 12:10	50
Isobutyl alcohol	ND		2500	230	ug/Kg			08/06/20 12:10	50
Isopropanol	ND		5000	1400	ug/Kg			08/06/20 12:10	50
Isopropylbenzene	ND		50	27	ug/Kg			08/06/20 12:10	50
m,p-Xylene	ND		100	13	ug/Kg			08/06/20 12:10	50
Methylene Chloride	ND		500	67	ug/Kg			08/06/20 12:10	50
Methyl-t-Butyl Ether (MTBE)	ND		100	15	ug/Kg			08/06/20 12:10	50
Naphthalene	ND		500	41	ug/Kg			08/06/20 12:10	50
n-Butylbenzene	ND		50	7.8	ug/Kg			08/06/20 12:10	50
N-Propylbenzene	ND		100	25	ug/Kg			08/06/20 12:10	50
o-Xylene	ND		50	28	ug/Kg			08/06/20 12:10	50
p-Isopropyltoluene	ND		50	31	ug/Kg			08/06/20 12:10	50
sec-Butylbenzene	ND		50	29	ug/Kg			08/06/20 12:10	50
Styrene	ND		50	30	ug/Kg			08/06/20 12:10	50
Tert-amyl-methyl ether (TAME)	ND		50	18	ug/Kg			08/06/20 12:10	50
tert-Butyl alcohol (TBA)	ND		1000	260	ug/Kg			08/06/20 12:10	50
tert-Butylbenzene	ND		50	7.5	ug/Kg			08/06/20 12:10	50
Tetrachloroethene	ND		50	10	ug/Kg			08/06/20 12:10	50
Tetrahydrofuran	ND		1000	190	ug/Kg			08/06/20 12:10	50
Thiophene	ND		250	27	ug/Kg			08/06/20 12:10	50
Toluene	ND		50	26	ug/Kg			08/06/20 12:10	50
trans-1,2-Dichloroethene	ND		50	25	ug/Kg			08/06/20 12:10	50
trans-1,3-Dichloropropene	ND		100	30	ug/Kg			08/06/20 12:10	50
trans-1,4-Dichloro-2-butene	ND		500	120	ug/Kg			08/06/20 12:10	50
Trichloroethene	ND		100	15	ug/Kg			08/06/20 12:10	50
Trichlorofluoromethane	ND		500	19	ug/Kg			08/06/20 12:10	50
Vinyl acetate	ND		500	240	ug/Kg			08/06/20 12:10	50
Vinyl chloride	ND		50	25	ug/Kg			08/06/20 12:10	50
Xylenes, Total	ND		150	41	ug/Kg			08/06/20 12:10	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/06/20 12:10*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*71 - 155*		*08/06/20 12:10*	*50*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*		*08/06/20 12:10*	*50*
Dibromofluoromethane (Surr)	*96*		*79 - 133*		*08/06/20 12:10*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/06/20 12:10*	*50*

Lab Sample ID: MB 570-86028/9
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.24	ug/Kg			08/06/20 11:43	1
1,1,1-Trichloroethane	ND		1.0	0.23	ug/Kg			08/06/20 11:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-86028/9
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.0	0.35	ug/Kg			08/06/20 11:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.35	ug/Kg			08/06/20 11:43	1
1,1,2-Trichloroethane	ND		1.0	0.35	ug/Kg			08/06/20 11:43	1
1,1-Dichloroethane	ND		1.0	0.21	ug/Kg			08/06/20 11:43	1
1,1-Dichloroethene	ND		1.0	0.35	ug/Kg			08/06/20 11:43	1
1,1-Dichloropropene	ND		2.0	0.33	ug/Kg			08/06/20 11:43	1
1,2,3-Trichlorobenzene	ND		2.0	0.91	ug/Kg			08/06/20 11:43	1
1,2,3-Trichloropropane	ND		2.0	0.83	ug/Kg			08/06/20 11:43	1
1,2,4-Trichlorobenzene	ND		2.0	0.31	ug/Kg			08/06/20 11:43	1
1,2,4-Trimethylbenzene	ND		2.0	0.59	ug/Kg			08/06/20 11:43	1
1,2-Dibromo-3-Chloropropane	ND		10	1.7	ug/Kg			08/06/20 11:43	1
1,2-Dibromoethane	ND		1.0	0.26	ug/Kg			08/06/20 11:43	1
1,2-Dichlorobenzene	ND		1.0	0.23	ug/Kg			08/06/20 11:43	1
1,2-Dichloroethane	ND		1.0	0.31	ug/Kg			08/06/20 11:43	1
1,2-Dichloropropane	ND		1.0	0.44	ug/Kg			08/06/20 11:43	1
1,3,5-Trimethylbenzene	ND		2.0	0.55	ug/Kg			08/06/20 11:43	1
1,3-Butadiene	ND		1.0	0.79	ug/Kg			08/06/20 11:43	1
1,3-Dichlorobenzene	ND		1.0	0.18	ug/Kg			08/06/20 11:43	1
1,3-Dichloropropane	ND		1.0	0.25	ug/Kg			08/06/20 11:43	1
1,4-Dichlorobenzene	ND		1.0	0.22	ug/Kg			08/06/20 11:43	1
1,4-Dioxane	ND		100	48	ug/Kg			08/06/20 11:43	1
2,2,4-Trimethylpentane	ND		1.0	0.54	ug/Kg			08/06/20 11:43	1
2,2-Dichloropropane	ND		5.0	0.33	ug/Kg			08/06/20 11:43	1
2-Butanone	ND		20	3.8	ug/Kg			08/06/20 11:43	1
2-Chloroethyl vinyl ether	ND		50	8.4	ug/Kg			08/06/20 11:43	1
2-Chlorotoluene	ND		1.0	0.23	ug/Kg			08/06/20 11:43	1
2-Hexanone	ND		20	1.8	ug/Kg			08/06/20 11:43	1
2-Methyl-2-butanol (TAA)	ND		50	21	ug/Kg			08/06/20 11:43	1
4-Chlorotoluene	ND		1.0	0.21	ug/Kg			08/06/20 11:43	1
4-Methyl-2-pentanone	ND		20	4.3	ug/Kg			08/06/20 11:43	1
Acetone	ND		50	6.2	ug/Kg			08/06/20 11:43	1
Acetonitrile	ND		100	2.5	ug/Kg			08/06/20 11:43	1
Acrolein	ND		50	12	ug/Kg			08/06/20 11:43	1
Acrylonitrile	ND		100	3.0	ug/Kg			08/06/20 11:43	1
Benzene	ND		1.0	0.13	ug/Kg			08/06/20 11:43	1
Bromobenzene	ND		1.0	0.21	ug/Kg			08/06/20 11:43	1
Bromochloromethane	ND		2.0	0.69	ug/Kg			08/06/20 11:43	1
Bromodichloromethane	ND		1.0	0.23	ug/Kg			08/06/20 11:43	1
Bromoform	ND		5.0	0.79	ug/Kg			08/06/20 11:43	1
Bromomethane	ND		20	9.4	ug/Kg			08/06/20 11:43	1
Carbon disulfide	ND		10	0.31	ug/Kg			08/06/20 11:43	1
Carbon tetrachloride	ND		1.0	0.28	ug/Kg			08/06/20 11:43	1
Chlorobenzene	ND		1.0	0.22	ug/Kg			08/06/20 11:43	1
Chloroethane	ND		2.0	1.5	ug/Kg			08/06/20 11:43	1
Chloroform	ND		1.0	0.24	ug/Kg			08/06/20 11:43	1
Chloromethane	ND		20	0.30	ug/Kg			08/06/20 11:43	1
cis-1,2-Dichloroethene	ND		1.0	0.28	ug/Kg			08/06/20 11:43	1
cis-1,3-Dichloropropene	ND		1.0	0.25	ug/Kg			08/06/20 11:43	1
Cyclohexane	ND		50	2.6	ug/Kg			08/06/20 11:43	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-86028/9
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		2.0	0.57	ug/Kg			08/06/20 11:43	1
Dibromomethane	ND		1.0	0.77	ug/Kg			08/06/20 11:43	1
Dichlorodifluoromethane	ND		2.0	0.44	ug/Kg			08/06/20 11:43	1
Diethyl ether	ND		20	5.9	ug/Kg			08/06/20 11:43	1
Di-isopropyl ether (DIPE)	ND		1.0	0.48	ug/Kg			08/06/20 11:43	1
Ethanol	ND		500	84	ug/Kg			08/06/20 11:43	1
Ethylbenzene	ND		1.0	0.15	ug/Kg			08/06/20 11:43	1
Ethyl-t-butyl ether (ETBE)	ND		1.0	0.51	ug/Kg			08/06/20 11:43	1
Hexachloro-1,3-butadiene	ND		5.0	0.32	ug/Kg			08/06/20 11:43	1
Hexane	ND		5.0	0.37	ug/Kg			08/06/20 11:43	1
Iodomethane	ND		50	8.3	ug/Kg			08/06/20 11:43	1
Isobutyl alcohol	ND		50	4.6	ug/Kg			08/06/20 11:43	1
Isopropanol	ND		100	28	ug/Kg			08/06/20 11:43	1
Isopropylbenzene	ND		1.0	0.55	ug/Kg			08/06/20 11:43	1
m,p-Xylene	ND		2.0	0.27	ug/Kg			08/06/20 11:43	1
Methylene Chloride	ND		10	1.3	ug/Kg			08/06/20 11:43	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.30	ug/Kg			08/06/20 11:43	1
Naphthalene	ND		10	0.81	ug/Kg			08/06/20 11:43	1
n-Butylbenzene	ND		1.0	0.16	ug/Kg			08/06/20 11:43	1
N-Propylbenzene	ND		2.0	0.50	ug/Kg			08/06/20 11:43	1
o-Xylene	ND		1.0	0.56	ug/Kg			08/06/20 11:43	1
p-Isopropyltoluene	ND		1.0	0.63	ug/Kg			08/06/20 11:43	1
sec-Butylbenzene	ND		1.0	0.58	ug/Kg			08/06/20 11:43	1
Styrene	ND		1.0	0.60	ug/Kg			08/06/20 11:43	1
Tert-amyl-methyl ether (TAME)	ND		1.0	0.35	ug/Kg			08/06/20 11:43	1
tert-Butyl alcohol (TBA)	ND		20	5.2	ug/Kg			08/06/20 11:43	1
tert-Butylbenzene	ND		1.0	0.15	ug/Kg			08/06/20 11:43	1
Tetrachloroethene	ND		1.0	0.21	ug/Kg			08/06/20 11:43	1
Tetrahydrofuran	ND		20	3.7	ug/Kg			08/06/20 11:43	1
Thiophene	ND		5.0	0.55	ug/Kg			08/06/20 11:43	1
Toluene	ND		1.0	0.52	ug/Kg			08/06/20 11:43	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/Kg			08/06/20 11:43	1
trans-1,3-Dichloropropene	ND		2.0	0.61	ug/Kg			08/06/20 11:43	1
trans-1,4-Dichloro-2-butene	ND		10	2.4	ug/Kg			08/06/20 11:43	1
Trichloroethene	ND		2.0	0.30	ug/Kg			08/06/20 11:43	1
Trichlorofluoromethane	ND		10	0.38	ug/Kg			08/06/20 11:43	1
Vinyl acetate	ND		10	4.7	ug/Kg			08/06/20 11:43	1
Vinyl chloride	ND		1.0	0.50	ug/Kg			08/06/20 11:43	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/06/20 11:43*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*		*08/06/20 11:43*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*08/06/20 11:43*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*		*08/06/20 11:43*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*08/06/20 11:43*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-86028/4
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	43.50		ug/Kg		87	73 - 133
1,1,1-Trichloroethane	50.0	41.87		ug/Kg		84	71 - 131
1,1,2,2-Tetrachloroethane	50.0	48.51		ug/Kg		97	77 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	36.54	* me	ug/Kg		73	77 - 125
1,1,2-Trichloroethane	50.0	44.83		ug/Kg		90	80 - 120
1,1-Dichloroethane	50.0	41.31		ug/Kg		83	74 - 120
1,1-Dichloroethene	50.0	39.94		ug/Kg		80	71 - 125
1,1-Dichloropropene	50.0	42.20		ug/Kg		84	69 - 120
1,2,3-Trichlorobenzene	50.0	45.14		ug/Kg		90	73 - 127
1,2,3-Trichloropropane	50.0	47.54		ug/Kg		95	60 - 120
1,2,4-Trichlorobenzene	50.0	44.45		ug/Kg		89	74 - 128
1,2,4-Trimethylbenzene	50.0	42.35		ug/Kg		85	75 - 123
1,2-Dibromo-3-Chloropropane	50.0	47.30		ug/Kg		95	54 - 132
1,2-Dibromoethane	50.0	45.42		ug/Kg		91	80 - 120
1,2-Dichlorobenzene	50.0	42.30		ug/Kg		85	80 - 120
1,2-Dichloroethane	50.0	42.87		ug/Kg		86	79 - 121
1,2-Dichloropropane	50.0	44.26		ug/Kg		89	77 - 123
1,3,5-Trimethylbenzene	50.0	41.56		ug/Kg		83	80 - 123
1,3-Butadiene	50.0	27.77	*	ug/Kg		56	80 - 120
1,3-Dichlorobenzene	50.0	40.96		ug/Kg		82	80 - 120
1,3-Dichloropropane	50.0	43.68		ug/Kg		87	80 - 120
1,4-Dichlorobenzene	50.0	41.03		ug/Kg		82	80 - 120
1,4-Dioxane	500	497.1		ug/Kg		99	80 - 120
2,2,4-Trimethylpentane	50.0	41.13		ug/Kg		82	70 - 130
2,2-Dichloropropane	50.0	46.79		ug/Kg		94	58 - 142
2-Butanone	50.0	48.27		ug/Kg		97	56 - 176
2-Chlorotoluene	50.0	41.91		ug/Kg		84	56 - 176
2-Hexanone	50.0	49.41		ug/Kg		99	67 - 151
2-Methyl-2-butanol (TAA)	250	265.4		ug/Kg		106	80 - 120
4-Chlorotoluene	50.0	41.26		ug/Kg		83	67 - 151
4-Methyl-2-pentanone	50.0	51.14		ug/Kg		102	72 - 126
Acetone	50.0	48.43	J	ug/Kg		97	30 - 150
Acetonitrile	100	87.42	J	ug/Kg		87	79 - 120
Acrolein	100	101.8		ug/Kg		102	80 - 120
Acrylonitrile	50.0	46.85	J	ug/Kg		94	80 - 120
Benzene	50.0	42.25		ug/Kg		85	79 - 120
Bromobenzene	50.0	41.73		ug/Kg		83	80 - 120
Bromochloromethane	50.0	41.73		ug/Kg		83	80 - 120
Bromodichloromethane	50.0	46.30		ug/Kg		93	73 - 127
Bromoform	50.0	44.42		ug/Kg		89	55 - 133
Bromomethane	50.0	34.77		ug/Kg		70	36 - 144
Carbon disulfide	50.0	36.70		ug/Kg		73	53 - 125
Carbon tetrachloride	50.0	45.46		ug/Kg		91	58 - 142
Chlorobenzene	50.0	40.51		ug/Kg		81	80 - 120
Chloroethane	50.0	48.64		ug/Kg		97	60 - 120
Chloroform	50.0	43.26		ug/Kg		87	80 - 120
Chloromethane	50.0	44.92		ug/Kg		90	50 - 122
cis-1,2-Dichloroethene	50.0	42.81		ug/Kg		86	80 - 123

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-86028/4
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,3-Dichloropropene	50.0	46.89		ug/Kg		94	74 - 128
Cyclohexane	50.0	39.17	J *	ug/Kg		78	80 - 120
Dibromochloromethane	50.0	44.80		ug/Kg		90	50 - 122
Dibromomethane	50.0	46.50		ug/Kg		93	70 - 130
Dichlorodifluoromethane	50.0	43.09		ug/Kg		86	32 - 158
Diethyl ether	50.0	47.44		ug/Kg		95	80 - 120
Di-isopropyl ether (DIPE)	50.0	43.71		ug/Kg		87	65 - 131
Ethanol	500	362.7	J	ug/Kg		73	32 - 158
Ethylbenzene	50.0	40.94		ug/Kg		82	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	44.31		ug/Kg		89	58 - 136
Hexachloro-1,3-butadiene	50.0	41.02		ug/Kg		82	80 - 120
Hexane	50.0	38.74	*	ug/Kg		77	80 - 120
Iodomethane	250	185.5	*	ug/Kg		74	80 - 120
Isobutyl alcohol	250	251.2		ug/Kg		100	80 - 120
Isopropanol	250	262.6		ug/Kg		105	80 - 120
Isopropylbenzene	50.0	41.79		ug/Kg		84	80 - 129
m,p-Xylene	100	84.14		ug/Kg		84	80 - 122
Methylene Chloride	50.0	40.34		ug/Kg		81	72 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	44.44		ug/Kg		89	64 - 124
Naphthalene	50.0	46.69		ug/Kg		93	64 - 124
n-Butylbenzene	50.0	43.13		ug/Kg		86	78 - 126
N-Propylbenzene	50.0	41.81		ug/Kg		84	80 - 122
o-Xylene	50.0	42.58		ug/Kg		85	79 - 127
p-Isopropyltoluene	50.0	42.74		ug/Kg		85	80 - 122
sec-Butylbenzene	50.0	42.22		ug/Kg		84	79 - 127
Styrene	50.0	41.60		ug/Kg		83	80 - 123
Tert-amyl-methyl ether (TAME)	50.0	46.32		ug/Kg		93	63 - 129
tert-Butyl alcohol (TBA)	250	237.5		ug/Kg		95	79 - 121
tert-Butylbenzene	50.0	41.99		ug/Kg		84	80 - 128
Tetrachloroethene	50.0	40.16		ug/Kg		80	75 - 123
Tetrahydrofuran	50.0	47.97		ug/Kg		96	80 - 120
Thiophene	50.0	43.41		ug/Kg		87	80 - 120
Toluene	50.0	41.15		ug/Kg		82	80 - 120
trans-1,2-Dichloroethene	50.0	40.66		ug/Kg		81	80 - 120
trans-1,3-Dichloropropene	50.0	46.40		ug/Kg		93	66 - 120
trans-1,4-Dichloro-2-butene	50.0	48.69		ug/Kg		97	80 - 120
Trichloroethene	50.0	41.76		ug/Kg		84	80 - 120
Trichlorofluoromethane	50.0	48.17		ug/Kg		96	70 - 136
Vinyl acetate	50.0	52.88		ug/Kg		106	51 - 159
Vinyl chloride	50.0	48.98		ug/Kg		98	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*79 - 133*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86028/7
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	45.48		ug/Kg		91	73 - 133	4	20
1,1,1-Trichloroethane			50.0	43.46		ug/Kg		87	71 - 131	4	20
1,1,2,2-Tetrachloroethane			50.0	52.82		ug/Kg		106	77 - 120	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	36.53	* me	ug/Kg		73	77 - 125	0	20
1,1,2-Trichloroethane			50.0	47.66		ug/Kg		95	80 - 120	6	20
1,1-Dichloroethane			50.0	42.38		ug/Kg		85	74 - 120	3	20
1,1-Dichloroethene			50.0	40.41		ug/Kg		81	71 - 125	1	20
1,1-Dichloropropene			50.0	43.91		ug/Kg		88	69 - 120	4	20
1,2,3-Trichlorobenzene			50.0	47.97		ug/Kg		96	73 - 127	6	20
1,2,3-Trichloropropane			50.0	52.55		ug/Kg		105	60 - 120	10	20
1,2,4-Trichlorobenzene			50.0	48.42		ug/Kg		97	74 - 128	9	20
1,2,4-Trimethylbenzene			50.0	44.85		ug/Kg		90	75 - 123	6	20
1,2-Dibromo-3-Chloropropane			50.0	51.15		ug/Kg		102	54 - 132	8	20
1,2-Dibromoethane			50.0	48.61		ug/Kg		97	80 - 120	7	20
1,2-Dichlorobenzene			50.0	45.65		ug/Kg		91	80 - 120	8	20
1,2-Dichloroethane			50.0	44.92		ug/Kg		90	79 - 121	5	20
1,2-Dichloropropane			50.0	45.58		ug/Kg		91	77 - 123	3	25
1,3,5-Trimethylbenzene			50.0	44.08		ug/Kg		88	80 - 123	6	20
1,3-Butadiene			50.0	27.81	*	ug/Kg		56	80 - 120	0	20
1,3-Dichlorobenzene			50.0	44.17		ug/Kg		88	80 - 120	8	20
1,3-Dichloropropane			50.0	46.91		ug/Kg		94	80 - 120	7	20
1,4-Dichlorobenzene			50.0	44.57		ug/Kg		89	80 - 120	8	20
1,4-Dioxane			500	525.8		ug/Kg		105	80 - 120	6	20
2,2,4-Trimethylpentane			50.0	42.24		ug/Kg		84	70 - 130	3	20
2,2-Dichloropropane			50.0	48.48		ug/Kg		97	58 - 142	4	20
2-Butanone			50.0	50.64		ug/Kg		101	56 - 176	5	20
2-Chlorotoluene			50.0	44.43		ug/Kg		89	56 - 176	6	20
2-Hexanone			50.0	52.67		ug/Kg		105	67 - 151	6	20
2-Methyl-2-butanol (TAA)			250	277.7		ug/Kg		111	80 - 120	5	20
4-Chlorotoluene			50.0	43.83		ug/Kg		88	67 - 151	6	20
4-Methyl-2-pentanone			50.0	52.46		ug/Kg		105	72 - 126	3	20
Acetone			50.0	53.99		ug/Kg		108	30 - 150	11	20
Acetonitrile			100	89.69	J	ug/Kg		90	79 - 120	3	20
Acrolein			100	109.6		ug/Kg		110	80 - 120	7	20
Acrylonitrile			50.0	49.93	J	ug/Kg		100	80 - 120	6	20
Benzene			50.0	43.64		ug/Kg		87	79 - 120	3	20
Bromobenzene			50.0	45.09		ug/Kg		90	80 - 120	8	20
Bromochloromethane			50.0	43.97		ug/Kg		88	80 - 120	5	20
Bromodichloromethane			50.0	48.30		ug/Kg		97	73 - 127	4	20
Bromoform			50.0	47.46		ug/Kg		95	55 - 133	7	20
Bromomethane			50.0	37.42		ug/Kg		75	36 - 144	7	20
Carbon disulfide			50.0	37.98		ug/Kg		76	53 - 125	3	20
Carbon tetrachloride			50.0	46.43		ug/Kg		93	58 - 142	2	20
Chlorobenzene			50.0	43.29		ug/Kg		87	80 - 120	7	20
Chloroethane			50.0	47.42		ug/Kg		95	60 - 120	3	20
Chloroform			50.0	45.35		ug/Kg		91	80 - 120	5	20
Chloromethane			50.0	43.74		ug/Kg		87	50 - 122	3	20
cis-1,2-Dichloroethene			50.0	45.14		ug/Kg		90	80 - 123	5	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86028/7
Matrix: Solid
Analysis Batch: 86028

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
cis-1,3-Dichloropropene			50.0	49.62		ug/Kg		99	74 - 128	6	20
Cyclohexane			50.0	39.73	J *	ug/Kg		79	80 - 120	1	20
Dibromochloromethane			50.0	47.94		ug/Kg		96	50 - 122	7	20
Dibromomethane			50.0	48.54		ug/Kg		97	70 - 130	4	20
Dichlorodifluoromethane			50.0	42.38		ug/Kg		85	32 - 158	2	20
Diethyl ether			50.0	48.27		ug/Kg		97	80 - 120	2	20
Di-isopropyl ether (DIPE)			50.0	44.80		ug/Kg		90	65 - 131	2	20
Ethanol			500	430.5	J	ug/Kg		86	32 - 158	17	27
Ethylbenzene			50.0	43.49		ug/Kg		87	57 - 153	6	20
Ethyl-t-butyl ether (ETBE)			50.0	45.28		ug/Kg		91	58 - 136	2	20
Hexachloro-1,3-butadiene			50.0	44.26		ug/Kg		89	80 - 120	8	20
Hexane			50.0	39.22	*	ug/Kg		78	80 - 120	1	20
Iodomethane			250	188.4	*	ug/Kg		75	80 - 120	2	20
Isobutyl alcohol			250	259.8		ug/Kg		104	80 - 120	3	20
Isopropanol			250	270.6		ug/Kg		108	80 - 120	3	20
Isopropylbenzene			50.0	44.90		ug/Kg		90	80 - 129	7	20
m,p-Xylene			100	90.51		ug/Kg		91	80 - 122	7	20
Methylene Chloride			50.0	42.29		ug/Kg		85	72 - 120	5	20
Methyl-t-Butyl Ether (MTBE)			50.0	46.18		ug/Kg		92	64 - 124	4	20
Naphthalene			50.0	48.99		ug/Kg		98	64 - 124	5	20
n-Butylbenzene			50.0	46.54		ug/Kg		93	78 - 126	8	25
N-Propylbenzene			50.0	44.42		ug/Kg		89	80 - 122	6	20
o-Xylene			50.0	45.56		ug/Kg		91	79 - 127	7	20
p-Isopropyltoluene			50.0	45.47		ug/Kg		91	80 - 122	6	20
sec-Butylbenzene			50.0	45.30		ug/Kg		91	79 - 127	7	20
Styrene			50.0	44.55		ug/Kg		89	80 - 123	7	20
Tert-amyl-methyl ether (TAME)			50.0	47.83		ug/Kg		96	63 - 129	3	20
tert-Butyl alcohol (TBA)			250	246.7		ug/Kg		99	79 - 121	4	20
tert-Butylbenzene			50.0	45.25		ug/Kg		90	80 - 128	7	20
Tetrachloroethene			50.0	41.82		ug/Kg		84	75 - 123	4	20
Tetrahydrofuran			50.0	50.82		ug/Kg		102	80 - 120	6	20
Thiophene			50.0	45.74		ug/Kg		91	80 - 120	5	20
Toluene			50.0	43.67		ug/Kg		87	80 - 120	6	20
trans-1,2-Dichloroethene			50.0	41.71		ug/Kg		83	80 - 120	3	20
trans-1,3-Dichloropropene			50.0	49.05		ug/Kg		98	66 - 120	6	20
trans-1,4-Dichloro-2-butene			50.0	50.50		ug/Kg		101	80 - 120	4	20
Trichloroethene			50.0	43.03		ug/Kg		86	80 - 120	3	20
Trichlorofluoromethane			50.0	48.97		ug/Kg		98	70 - 136	2	20
Vinyl acetate			50.0	57.97		ug/Kg		116	51 - 159	9	20
Vinyl chloride			50.0	49.13		ug/Kg		98	68 - 120	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88024/8
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.43	ug/L			08/14/20 21:44	1
1,1,1-Trichloroethane	ND		1.0	0.31	ug/L			08/14/20 21:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.17	ug/L			08/14/20 21:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	0.62	ug/L			08/14/20 21:44	1
1,1,2-Trichloroethane	ND		1.0	0.22	ug/L			08/14/20 21:44	1
1,1-Dichloroethane	ND		1.0	0.28	ug/L			08/14/20 21:44	1
1,1-Dichloroethene	ND		1.0	0.22	ug/L			08/14/20 21:44	1
1,1-Dichloropropene	ND		1.0	0.17	ug/L			08/14/20 21:44	1
1,2,3-Trichlorobenzene	ND		1.0	0.28	ug/L			08/14/20 21:44	1
1,2,3-Trichloropropane	ND		5.0	0.22	ug/L			08/14/20 21:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.34	ug/L			08/14/20 21:44	1
1,2,4-Trimethylbenzene	ND		1.0	0.21	ug/L			08/14/20 21:44	1
1,2-Dibromo-3-Chloropropane	ND		10	2.1	ug/L			08/14/20 21:44	1
1,2-Dibromoethane	ND		1.0	0.27	ug/L			08/14/20 21:44	1
1,2-Dichlorobenzene	ND		1.0	0.14	ug/L			08/14/20 21:44	1
1,2-Dichloroethane	ND		0.50	0.19	ug/L			08/14/20 21:44	1
1,2-Dichloropropane	ND		1.0	0.20	ug/L			08/14/20 21:44	1
1,3,5-Trimethylbenzene	ND		1.0	0.17	ug/L			08/14/20 21:44	1
1,3-Butadiene	ND		25	0.95	ug/L			08/14/20 21:44	1
1,3-Dichlorobenzene	ND		1.0	0.19	ug/L			08/14/20 21:44	1
1,3-Dichloropropane	ND		1.0	0.14	ug/L			08/14/20 21:44	1
1,4-Dichlorobenzene	ND		1.0	0.24	ug/L			08/14/20 21:44	1
1,4-Dioxane	ND		100	26	ug/L			08/14/20 21:44	1
2,2,4-Trimethylpentane	ND		10	0.82	ug/L			08/14/20 21:44	1
2,2-Dichloropropane	ND		1.0	0.44	ug/L			08/14/20 21:44	1
2-Butanone	ND		20	3.6	ug/L			08/14/20 21:44	1
2-Chloroethyl vinyl ether	ND		50	9.0	ug/L			08/14/20 21:44	1
2-Chlorotoluene	ND		1.0	0.16	ug/L			08/14/20 21:44	1
2-Hexanone	ND		10	5.3	ug/L			08/14/20 21:44	1
2-Methyl-2-butanol (TAA)	ND		50	15	ug/L			08/14/20 21:44	1
4-Chlorotoluene	ND		1.0	0.18	ug/L			08/14/20 21:44	1
4-Methyl-2-pentanone	ND		10	0.46	ug/L			08/14/20 21:44	1
Acetone	ND		20	10	ug/L			08/14/20 21:44	1
Acetonitrile	ND		50	1.5	ug/L			08/14/20 21:44	1
Acrolein	ND		50	2.4	ug/L			08/14/20 21:44	1
Acrylonitrile	ND		20	3.1	ug/L			08/14/20 21:44	1
Benzene	ND		0.50	0.14	ug/L			08/14/20 21:44	1
Bromobenzene	ND		1.0	0.19	ug/L			08/14/20 21:44	1
Bromochloromethane	ND		2.0	0.46	ug/L			08/14/20 21:44	1
Bromodichloromethane	ND		1.0	0.23	ug/L			08/14/20 21:44	1
Bromoform	ND		5.0	1.8	ug/L			08/14/20 21:44	1
Bromomethane	ND		50	19	ug/L			08/14/20 21:44	1
Carbon disulfide	ND		10	0.70	ug/L			08/14/20 21:44	1
Carbon tetrachloride	ND		0.50	0.23	ug/L			08/14/20 21:44	1
Chlorobenzene	ND		1.0	0.16	ug/L			08/14/20 21:44	1
Chloroethane	ND		5.0	0.76	ug/L			08/14/20 21:44	1
Chloroform	ND		1.0	0.18	ug/L			08/14/20 21:44	1
Chloromethane	ND		10	0.50	ug/L			08/14/20 21:44	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88024/8
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.27	ug/L			08/14/20 21:44	1
cis-1,3-Dichloropropene	ND		0.50	0.20	ug/L			08/14/20 21:44	1
Cyclohexane	ND		10	3.3	ug/L			08/14/20 21:44	1
Dibromochloromethane	ND		2.0	0.46	ug/L			08/14/20 21:44	1
Dibromomethane	ND		1.0	0.30	ug/L			08/14/20 21:44	1
Dichlorodifluoromethane	ND		5.0	0.28	ug/L			08/14/20 21:44	1
Diethyl ether	ND		10	0.31	ug/L			08/14/20 21:44	1
Di-isopropyl ether (DIPE)	ND		2.0	0.16	ug/L			08/14/20 21:44	1
Ethanol	ND		100	53	ug/L			08/14/20 21:44	1
Ethylbenzene	ND		1.0	0.14	ug/L			08/14/20 21:44	1
Ethyl-t-butyl ether (ETBE)	ND		2.0	0.12	ug/L			08/14/20 21:44	1
Hexachloro-1,3-butadiene	ND		20	0.42	ug/L			08/14/20 21:44	1
Hexane	ND		5.0	0.95	ug/L			08/14/20 21:44	1
Iodomethane	ND		50	19	ug/L			08/14/20 21:44	1
Isobutyl alcohol	ND		50	20	ug/L			08/14/20 21:44	1
Isopropanol	ND		200	100	ug/L			08/14/20 21:44	1
Isopropylbenzene	ND		1.0	0.16	ug/L			08/14/20 21:44	1
m,p-Xylene	ND		2.0	0.31	ug/L			08/14/20 21:44	1
Methylene Chloride	ND		10	4.0	ug/L			08/14/20 21:44	1
Methyl-t-Butyl Ether (MTBE)	ND		1.0	0.16	ug/L			08/14/20 21:44	1
Naphthalene	ND		10	5.1	ug/L			08/14/20 21:44	1
n-Butylbenzene	ND		1.0	0.30	ug/L			08/14/20 21:44	1
N-Propylbenzene	ND		1.0	0.18	ug/L			08/14/20 21:44	1
o-Xylene	ND		1.0	0.15	ug/L			08/14/20 21:44	1
p-Isopropyltoluene	ND		1.0	0.22	ug/L			08/14/20 21:44	1
sec-Butylbenzene	ND		1.0	0.19	ug/L			08/14/20 21:44	1
Styrene	ND		1.0	0.15	ug/L			08/14/20 21:44	1
Tert-amyl-methyl ether (TAME)	ND		2.0	0.13	ug/L			08/14/20 21:44	1
tert-Butyl alcohol (TBA)	ND		10	3.1	ug/L			08/14/20 21:44	1
tert-Butylbenzene	ND		1.0	0.25	ug/L			08/14/20 21:44	1
Tetrachloroethene	ND		1.0	0.24	ug/L			08/14/20 21:44	1
Tetrahydrofuran	ND		20	3.3	ug/L			08/14/20 21:44	1
Thiophene	ND		10	0.16	ug/L			08/14/20 21:44	1
Toluene	ND		1.0	0.13	ug/L			08/14/20 21:44	1
trans-1,2-Dichloroethene	ND		1.0	0.40	ug/L			08/14/20 21:44	1
trans-1,3-Dichloropropene	ND		0.50	0.23	ug/L			08/14/20 21:44	1
trans-1,4-Dichloro-2-butene	ND		20	2.6	ug/L			08/14/20 21:44	1
Trichloroethene	ND		1.0	0.24	ug/L			08/14/20 21:44	1
Trichlorofluoromethane	ND		10	0.28	ug/L			08/14/20 21:44	1
Vinyl acetate	ND		10	2.9	ug/L			08/14/20 21:44	1
Vinyl chloride	ND		0.50	0.16	ug/L			08/14/20 21:44	1
Xylenes, Total	ND		3.0	0.46	ug/L			08/14/20 21:44	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*08/14/20 21:44*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 129*		*08/14/20 21:44*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88024/8
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Method Blank
Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		77 - 120		08/14/20 21:44	1
Dibromofluoromethane (Surr)	103		80 - 128		08/14/20 21:44	1
Toluene-d8 (Surr)	100		80 - 120		08/14/20 21:44	1

Lab Sample ID: LCS 570-88024/3
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	57.60		ug/L		115	80 - 126
1,1,1-Trichloroethane	50.0	49.56		ug/L		99	73 - 127
1,1,2,2-Tetrachloroethane	50.0	50.32		ug/L		101	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.41		ug/L		89	53 - 155
1,1,2-Trichloroethane	50.0	50.82		ug/L		102	80 - 120
1,1-Dichloroethane	50.0	46.37		ug/L		93	73 - 127
1,1-Dichloroethene	50.0	44.57		ug/L		89	64 - 136
1,1-Dichloropropene	50.0	47.59		ug/L		95	73 - 127
1,2,3-Trichlorobenzene	50.0	50.34		ug/L		101	76 - 130
1,2,3-Trichloropropane	50.0	53.23		ug/L		106	77 - 125
1,2,4-Trichlorobenzene	50.0	48.53		ug/L		97	74 - 134
1,2,4-Trimethylbenzene	50.0	49.39		ug/L		99	80 - 123
1,2-Dibromo-3-Chloropropane	50.0	49.40		ug/L		99	68 - 128
1,2-Dibromoethane	50.0	51.60		ug/L		103	80 - 120
1,2-Dichlorobenzene	50.0	49.74		ug/L		99	80 - 120
1,2-Dichloroethane	50.0	45.19		ug/L		90	75 - 123
1,2-Dichloropropane	50.0	50.62		ug/L		101	80 - 120
1,3,5-Trimethylbenzene	50.0	50.52		ug/L		101	80 - 126
1,3-Butadiene	50.0	35.52		ug/L		71	50 - 150
1,3-Dichlorobenzene	50.0	49.29		ug/L		99	80 - 120
1,3-Dichloropropane	50.0	49.52		ug/L		99	80 - 120
1,4-Dichlorobenzene	50.0	49.31		ug/L		99	80 - 120
1,4-Dioxane	500	515.4		ug/L		103	64 - 130
2,2,4-Trimethylpentane	50.0	51.63		ug/L		103	60 - 120
2,2-Dichloropropane	50.0	58.45		ug/L		117	53 - 155
2-Butanone	50.0	47.15		ug/L		94	53 - 137
2-Chlorotoluene	50.0	50.30		ug/L		101	80 - 121
2-Hexanone	50.0	50.26		ug/L		101	59 - 131
2-Methyl-2-butanol (TAA)	250	297.9		ug/L		119	60 - 120
4-Chlorotoluene	50.0	48.86		ug/L		98	80 - 120
4-Methyl-2-pentanone	50.0	52.90		ug/L		106	68 - 122
Acetone	50.0	48.76		ug/L		98	50 - 150
Acetonitrile	100	94.87		ug/L		95	58 - 136
Acrolein	100	103.3		ug/L		103	50 - 150
Acrylonitrile	50.0	49.70		ug/L		99	66 - 126
Benzene	50.0	47.92		ug/L		96	78 - 120
Bromobenzene	50.0	50.71		ug/L		101	80 - 120
Bromochloromethane	50.0	48.52		ug/L		97	77 - 125
Bromodichloromethane	50.0	52.36		ug/L		105	80 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88024/3
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Bromoform	50.0	57.88		ug/L		116	68 - 128
Bromomethane	50.0	32.28	J	ug/L		65	50 - 150
Carbon disulfide	50.0	44.37		ug/L		89	50 - 150
Carbon tetrachloride	50.0	57.23		ug/L		114	67 - 139
Chlorobenzene	50.0	50.27		ug/L		101	80 - 120
Chloroethane	50.0	42.04		ug/L		84	64 - 130
Chloroform	50.0	47.41		ug/L		95	77 - 120
Chloromethane	50.0	35.91		ug/L		72	56 - 128
cis-1,2-Dichloroethene	50.0	49.24		ug/L		98	78 - 120
cis-1,3-Dichloropropene	50.0	51.99		ug/L		104	80 - 129
Cyclohexane	50.0	48.60		ug/L		97	54 - 138
Dibromochloromethane	50.0	56.99		ug/L		114	77 - 125
Dibromomethane	50.0	49.82		ug/L		100	80 - 120
Dichlorodifluoromethane	50.0	32.83		ug/L		66	50 - 150
Diethyl ether	50.0	51.68		ug/L		103	70 - 130
Di-isopropyl ether (DIPE)	50.0	48.81		ug/L		98	72 - 132
Ethanol	500	574.2		ug/L		115	56 - 150
Ethylbenzene	50.0	50.07		ug/L		100	80 - 120
Ethyl-t-butyl ether (ETBE)	50.0	48.59		ug/L		97	74 - 122
Hexachloro-1,3-butadiene	50.0	50.75		ug/L		101	75 - 135
Hexane	50.0	47.68		ug/L		95	50 - 150
Iodomethane	250	235.3		ug/L		94	50 - 150
Isobutyl alcohol	250	326.2	*	ug/L		130	60 - 120
Isopropanol	250	261.8		ug/L		105	50 - 143
Isopropylbenzene	50.0	50.60		ug/L		101	80 - 126
m,p-Xylene	100	98.13		ug/L		98	80 - 125
Methylene Chloride	50.0	46.80		ug/L		94	73 - 127
Methyl-t-Butyl Ether (MTBE)	50.0	47.58		ug/L		95	77 - 120
Naphthalene	50.0	49.26		ug/L		99	64 - 136
n-Butylbenzene	50.0	47.87		ug/L		96	78 - 132
N-Propylbenzene	50.0	49.97		ug/L		100	80 - 125
o-Xylene	50.0	49.45		ug/L		99	80 - 125
p-Isopropyltoluene	50.0	50.21		ug/L		100	80 - 129
sec-Butylbenzene	50.0	49.47		ug/L		99	80 - 125
Styrene	50.0	51.29		ug/L		103	80 - 122
Tert-amyl-methyl ether (TAME)	50.0	51.28		ug/L		103	74 - 122
tert-Butyl alcohol (TBA)	250	275.5		ug/L		110	80 - 126
tert-Butylbenzene	50.0	49.82		ug/L		100	80 - 125
Tetrachloroethene	50.0	50.96		ug/L		102	54 - 144
Tetrahydrofuran	50.0	48.99		ug/L		98	61 - 127
Thiophene	50.0	50.15		ug/L		100	80 - 120
Toluene	50.0	47.52		ug/L		95	80 - 122
trans-1,2-Dichloroethene	50.0	47.27		ug/L		95	70 - 130
trans-1,3-Dichloropropene	50.0	57.13		ug/L		114	78 - 132
trans-1,4-Dichloro-2-butene	50.0	49.58		ug/L		99	57 - 141
Trichloroethene	50.0	48.02		ug/L		96	77 - 125
Trichlorofluoromethane	50.0	46.78		ug/L		94	69 - 141
Vinyl acetate	50.0	64.44		ug/L		129	50 - 150
Vinyl chloride	50.0	35.84		ug/L		72	63 - 135

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		80 - 129
4-Bromofluorobenzene (Surr)	104		77 - 120
Dibromofluoromethane (Surr)	98		80 - 128
Toluene-d8 (Surr)	101		80 - 120

Lab Sample ID: LCSD 570-88024/4
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			50.0	61.41		ug/L		123	80 - 126	6	30
1,1,1-Trichloroethane			50.0	53.75		ug/L		108	73 - 127	8	30
1,1,2,2-Tetrachloroethane			50.0	53.08		ug/L		106	76 - 120	5	28
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	48.53		ug/L		97	53 - 155	9	30
1,1,2-Trichloroethane			50.0	53.12		ug/L		106	80 - 120	4	30
1,1-Dichloroethane			50.0	49.63		ug/L		99	73 - 127	7	30
1,1-Dichloroethene			50.0	48.55		ug/L		97	64 - 136	9	30
1,1-Dichloropropene			50.0	51.55		ug/L		103	73 - 127	8	30
1,2,3-Trichlorobenzene			50.0	54.31		ug/L		109	76 - 130	8	30
1,2,3-Trichloropropane			50.0	56.10		ug/L		112	77 - 125	5	30
1,2,4-Trichlorobenzene			50.0	53.02		ug/L		106	74 - 134	9	30
1,2,4-Trimethylbenzene			50.0	53.97		ug/L		108	80 - 123	9	30
1,2-Dibromo-3-Chloropropane			50.0	53.36		ug/L		107	68 - 128	8	30
1,2-Dibromoethane			50.0	54.49		ug/L		109	80 - 120	5	30
1,2-Dichlorobenzene			50.0	53.80		ug/L		108	80 - 120	8	20
1,2-Dichloroethane			50.0	47.92		ug/L		96	75 - 123	6	24
1,2-Dichloropropane			50.0	54.10		ug/L		108	80 - 120	7	20
1,3,5-Trimethylbenzene			50.0	54.36		ug/L		109	80 - 126	7	20
1,3-Butadiene			50.0	38.37		ug/L		77	50 - 150	8	30
1,3-Dichlorobenzene			50.0	53.56		ug/L		107	80 - 120	8	20
1,3-Dichloropropane			50.0	52.38		ug/L		105	80 - 120	6	20
1,4-Dichlorobenzene			50.0	53.21		ug/L		106	80 - 120	8	20
1,4-Dioxane			500	524.2		ug/L		105	64 - 130	2	30
2,2,4-Trimethylpentane			50.0	56.26		ug/L		113	60 - 120	9	20
2,2-Dichloropropane			50.0	62.29		ug/L		125	53 - 155	6	30
2-Butanone			50.0	50.21		ug/L		100	53 - 137	6	30
2-Chlorotoluene			50.0	53.97		ug/L		108	80 - 121	7	20
2-Hexanone			50.0	52.95		ug/L		106	59 - 131	5	30
2-Methyl-2-butanol (TAA)			250	315.8	* me	ug/L		126	60 - 120	6	20
4-Chlorotoluene			50.0	53.28		ug/L		107	80 - 120	9	20
4-Methyl-2-pentanone			50.0	55.13		ug/L		110	68 - 122	4	30
Acetone			50.0	52.58		ug/L		105	50 - 150	8	30
Acetonitrile			100	100.9		ug/L		101	58 - 136	6	30
Acrolein			100	115.6		ug/L		116	50 - 150	11	30
Acrylonitrile			50.0	51.69		ug/L		103	66 - 126	4	30
Benzene			50.0	51.69		ug/L		103	78 - 120	8	21
Bromobenzene			50.0	54.08		ug/L		108	80 - 120	6	20
Bromochloromethane			50.0	51.57		ug/L		103	77 - 125	6	22
Bromodichloromethane			50.0	56.07		ug/L		112	80 - 125	7	20
Bromoform			50.0	61.37		ug/L		123	68 - 128	6	30
Bromomethane			50.0	35.65	J	ug/L		71	50 - 150	10	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88024/4
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon disulfide	50.0	48.59		ug/L		97	50 - 150	9	30
Carbon tetrachloride	50.0	61.71		ug/L		123	67 - 139	8	30
Chlorobenzene	50.0	53.64		ug/L		107	80 - 120	6	20
Chloroethane	50.0	45.60		ug/L		91	64 - 130	8	30
Chloroform	50.0	50.50		ug/L		101	77 - 120	6	23
Chloromethane	50.0	38.92		ug/L		78	56 - 128	8	30
cis-1,2-Dichloroethene	50.0	52.59		ug/L		105	78 - 120	7	23
cis-1,3-Dichloropropene	50.0	55.50		ug/L		111	80 - 129	7	21
Cyclohexane	50.0	53.13		ug/L		106	54 - 138	9	30
Dibromochloromethane	50.0	60.09		ug/L		120	77 - 125	5	21
Dibromomethane	50.0	52.55		ug/L		105	80 - 120	5	20
Dichlorodifluoromethane	50.0	37.50		ug/L		75	50 - 150	13	30
Diethyl ether	50.0	54.40		ug/L		109	70 - 130	5	29
Di-isopropyl ether (DIPE)	50.0	52.17		ug/L		104	72 - 132	7	29
Ethanol	500	578.2		ug/L		116	56 - 150	1	30
Ethylbenzene	50.0	53.95		ug/L		108	80 - 120	7	20
Ethyl-t-butyl ether (ETBE)	50.0	51.79		ug/L		104	74 - 122	6	27
Hexachloro-1,3-butadiene	50.0	55.30		ug/L		111	75 - 135	9	27
Hexane	50.0	51.96		ug/L		104	50 - 150	9	71
Iodomethane	250	253.2		ug/L		101	50 - 150	7	30
Isobutyl alcohol	250	340.7	*	ug/L		136	60 - 120	4	20
Isopropanol	250	266.8		ug/L		107	50 - 143	2	30
Isopropylbenzene	50.0	54.57		ug/L		109	80 - 126	8	20
m,p-Xylene	100	105.0		ug/L		105	80 - 125	7	30
Methylene Chloride	50.0	50.06		ug/L		100	73 - 127	7	25
Methyl-t-Butyl Ether (MTBE)	50.0	50.76		ug/L		102	77 - 120	6	24
Naphthalene	50.0	53.27		ug/L		107	64 - 136	8	30
n-Butylbenzene	50.0	52.58		ug/L		105	78 - 132	9	23
N-Propylbenzene	50.0	54.08		ug/L		108	80 - 125	8	20
o-Xylene	50.0	53.47		ug/L		107	80 - 125	8	20
p-Isopropyltoluene	50.0	54.83		ug/L		110	80 - 129	9	20
sec-Butylbenzene	50.0	54.37		ug/L		109	80 - 125	9	20
Styrene	50.0	54.82		ug/L		110	80 - 122	7	20
Tert-amyl-methyl ether (TAME)	50.0	54.29		ug/L		109	74 - 122	6	28
tert-Butyl alcohol (TBA)	250	286.6		ug/L		115	80 - 126	4	30
tert-Butylbenzene	50.0	54.73		ug/L		109	80 - 125	9	20
Tetrachloroethene	50.0	54.93		ug/L		110	54 - 144	7	30
Tetrahydrofuran	50.0	48.49		ug/L		97	61 - 127	1	30
Thiophene	50.0	53.58		ug/L		107	80 - 120	7	20
Toluene	50.0	51.13		ug/L		102	80 - 122	7	20
trans-1,2-Dichloroethene	50.0	51.07		ug/L		102	70 - 130	8	30
trans-1,3-Dichloropropene	50.0	60.08		ug/L		120	78 - 132	5	22
trans-1,4-Dichloro-2-butene	50.0	51.95		ug/L		104	57 - 141	5	30
Trichloroethene	50.0	52.49		ug/L		105	77 - 125	9	22
Trichlorofluoromethane	50.0	48.59		ug/L		97	69 - 141	4	30
Vinyl acetate	50.0	63.70		ug/L		127	50 - 150	1	30
Vinyl chloride	50.0	39.07		ug/L		78	63 - 135	9	30

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88024/4
Matrix: Water
Analysis Batch: 88024

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*92*		*80 - 129*
4-Bromofluorobenzene (Surr)	*104*		*77 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 128*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 570-88073/7
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		50	12	ug/Kg			08/15/20 00:37	50
1,1,1-Trichloroethane	ND		50	11	ug/Kg			08/15/20 00:37	50
1,1,2,2-Tetrachloroethane	ND		100	17	ug/Kg			08/15/20 00:37	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	18	ug/Kg			08/15/20 00:37	50
1,1,2-Trichloroethane	ND		50	18	ug/Kg			08/15/20 00:37	50
1,1-Dichloroethane	ND		50	11	ug/Kg			08/15/20 00:37	50
1,1-Dichloroethene	ND		50	17	ug/Kg			08/15/20 00:37	50
1,1-Dichloropropene	ND		100	16	ug/Kg			08/15/20 00:37	50
1,2,3-Trichlorobenzene	ND		100	46	ug/Kg			08/15/20 00:37	50
1,2,3-Trichloropropane	ND		100	42	ug/Kg			08/15/20 00:37	50
1,2,4-Trichlorobenzene	ND		100	16	ug/Kg			08/15/20 00:37	50
1,2,4-Trimethylbenzene	ND		100	29	ug/Kg			08/15/20 00:37	50
1,2-Dibromo-3-Chloropropane	ND		500	87	ug/Kg			08/15/20 00:37	50
1,2-Dibromoethane	ND		50	13	ug/Kg			08/15/20 00:37	50
1,2-Dichlorobenzene	ND		50	11	ug/Kg			08/15/20 00:37	50
1,2-Dichloroethane	ND		50	16	ug/Kg			08/15/20 00:37	50
1,2-Dichloropropane	ND		50	22	ug/Kg			08/15/20 00:37	50
1,3,5-Trimethylbenzene	ND		100	27	ug/Kg			08/15/20 00:37	50
1,3-Butadiene	ND		50	40	ug/Kg			08/15/20 00:37	50
1,3-Dichlorobenzene	ND		50	8.8	ug/Kg			08/15/20 00:37	50
1,3-Dichloropropane	ND		50	13	ug/Kg			08/15/20 00:37	50
1,4-Dichlorobenzene	ND		50	11	ug/Kg			08/15/20 00:37	50
1,4-Dioxane	ND		5000	2400	ug/Kg			08/15/20 00:37	50
2,2,4-Trimethylpentane	ND		50	27	ug/Kg			08/15/20 00:37	50
2,2-Dichloropropane	ND		250	17	ug/Kg			08/15/20 00:37	50
2-Butanone	ND		1000	190	ug/Kg			08/15/20 00:37	50
2-Chlorotoluene	ND		50	12	ug/Kg			08/15/20 00:37	50
2-Hexanone	ND		1000	88	ug/Kg			08/15/20 00:37	50
2-Methyl-2-butanol (TAA)	ND		2500	1100	ug/Kg			08/15/20 00:37	50
4-Chlorotoluene	ND		50	11	ug/Kg			08/15/20 00:37	50
4-Methyl-2-pentanone	ND		1000	220	ug/Kg			08/15/20 00:37	50
Acetone	ND		2500	310	ug/Kg			08/15/20 00:37	50
Acetonitrile	ND		5000	120	ug/Kg			08/15/20 00:37	50
Acrolein	ND		2500	620	ug/Kg			08/15/20 00:37	50
Acrylonitrile	ND		5000	150	ug/Kg			08/15/20 00:37	50
Benzene	ND		50	6.5	ug/Kg			08/15/20 00:37	50
Bromobenzene	ND		50	10	ug/Kg			08/15/20 00:37	50
Bromochloromethane	ND		100	35	ug/Kg			08/15/20 00:37	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88073/7
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND		50	12	ug/Kg			08/15/20 00:37	50
Bromoform	ND		250	40	ug/Kg			08/15/20 00:37	50
Bromomethane	ND		1000	470	ug/Kg			08/15/20 00:37	50
Carbon disulfide	ND		500	15	ug/Kg			08/15/20 00:37	50
Carbon tetrachloride	ND		50	14	ug/Kg			08/15/20 00:37	50
Chlorobenzene	ND		50	11	ug/Kg			08/15/20 00:37	50
Chloroethane	ND		100	75	ug/Kg			08/15/20 00:37	50
Chloroform	ND		50	12	ug/Kg			08/15/20 00:37	50
Chloromethane	18.93	J	1000	15	ug/Kg			08/15/20 00:37	50
cis-1,2-Dichloroethene	ND		50	14	ug/Kg			08/15/20 00:37	50
cis-1,3-Dichloropropene	ND		50	13	ug/Kg			08/15/20 00:37	50
Cyclohexane	ND		2500	130	ug/Kg			08/15/20 00:37	50
Dibromochloromethane	ND		100	29	ug/Kg			08/15/20 00:37	50
Dibromomethane	ND		50	39	ug/Kg			08/15/20 00:37	50
Dichlorodifluoromethane	ND		100	22	ug/Kg			08/15/20 00:37	50
Diethyl ether	ND		1000	290	ug/Kg			08/15/20 00:37	50
Di-isopropyl ether (DIPE)	ND		50	24	ug/Kg			08/15/20 00:37	50
Ethanol	ND		25000	4200	ug/Kg			08/15/20 00:37	50
Ethylbenzene	ND		50	7.6	ug/Kg			08/15/20 00:37	50
Ethyl-t-butyl ether (ETBE)	ND		50	25	ug/Kg			08/15/20 00:37	50
Hexachloro-1,3-butadiene	ND		250	16	ug/Kg			08/15/20 00:37	50
Hexane	ND		250	18	ug/Kg			08/15/20 00:37	50
Iodomethane	ND		2500	420	ug/Kg			08/15/20 00:37	50
Isobutyl alcohol	ND		2500	230	ug/Kg			08/15/20 00:37	50
Isopropanol	ND		5000	1400	ug/Kg			08/15/20 00:37	50
Isopropylbenzene	ND		50	27	ug/Kg			08/15/20 00:37	50
m,p-Xylene	ND		100	13	ug/Kg			08/15/20 00:37	50
Methylene Chloride	ND		500	67	ug/Kg			08/15/20 00:37	50
Methyl-t-Butyl Ether (MTBE)	ND		100	15	ug/Kg			08/15/20 00:37	50
Naphthalene	ND		500	41	ug/Kg			08/15/20 00:37	50
n-Butylbenzene	ND		50	7.8	ug/Kg			08/15/20 00:37	50
N-Propylbenzene	ND		100	25	ug/Kg			08/15/20 00:37	50
o-Xylene	ND		50	28	ug/Kg			08/15/20 00:37	50
p-Isopropyltoluene	ND		50	31	ug/Kg			08/15/20 00:37	50
sec-Butylbenzene	ND		50	29	ug/Kg			08/15/20 00:37	50
Styrene	ND		50	30	ug/Kg			08/15/20 00:37	50
Tert-amyl-methyl ether (TAME)	ND		50	18	ug/Kg			08/15/20 00:37	50
tert-Butyl alcohol (TBA)	ND		1000	260	ug/Kg			08/15/20 00:37	50
tert-Butylbenzene	ND		50	7.5	ug/Kg			08/15/20 00:37	50
Tetrachloroethene	ND		50	10	ug/Kg			08/15/20 00:37	50
Tetrahydrofuran	ND		1000	190	ug/Kg			08/15/20 00:37	50
Thiophene	ND		250	27	ug/Kg			08/15/20 00:37	50
Toluene	ND		50	26	ug/Kg			08/15/20 00:37	50
trans-1,2-Dichloroethene	ND		50	25	ug/Kg			08/15/20 00:37	50
trans-1,3-Dichloropropene	ND		100	30	ug/Kg			08/15/20 00:37	50
trans-1,4-Dichloro-2-butene	ND		500	120	ug/Kg			08/15/20 00:37	50
Trichloroethene	ND		100	15	ug/Kg			08/15/20 00:37	50
Trichlorofluoromethane	ND		500	19	ug/Kg			08/15/20 00:37	50
Vinyl acetate	ND		500	240	ug/Kg			08/15/20 00:37	50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-88073/7
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		50	25	ug/Kg			08/15/20 00:37	50
Xylenes, Total	ND		150	41	ug/Kg			08/15/20 00:37	50

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/Kg*					*08/15/20 00:37*	*50*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*		*08/15/20 00:37*	*50*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*08/15/20 00:37*	*50*
Dibromofluoromethane (Surr)	*98*		*79 - 133*		*08/15/20 00:37*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*08/15/20 00:37*	*50*

Lab Sample ID: LCS 570-88073/3
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	50.0	46.95		ug/Kg		94	73 - 133
1,1,1-Trichloroethane	50.0	48.03		ug/Kg		96	71 - 131
1,1,2,2-Tetrachloroethane	50.0	47.18		ug/Kg		94	77 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.65		ug/Kg		93	77 - 125
1,1,2-Trichloroethane	50.0	47.07		ug/Kg		94	80 - 120
1,1-Dichloroethane	50.0	49.01		ug/Kg		98	74 - 120
1,1-Dichloroethene	50.0	47.42		ug/Kg		95	71 - 125
1,1-Dichloropropene	50.0	48.91		ug/Kg		98	69 - 120
1,2,3-Trichlorobenzene	50.0	49.26		ug/Kg		99	73 - 127
1,2,3-Trichloropropane	50.0	47.76		ug/Kg		96	60 - 120
1,2,4-Trichlorobenzene	50.0	49.84		ug/Kg		100	74 - 128
1,2,4-Trimethylbenzene	50.0	49.81		ug/Kg		100	75 - 123
1,2-Dibromo-3-Chloropropane	50.0	44.21		ug/Kg		88	54 - 132
1,2-Dibromoethane	50.0	46.88		ug/Kg		94	80 - 120
1,2-Dichlorobenzene	50.0	47.47		ug/Kg		95	80 - 120
1,2-Dichloroethane	50.0	44.40		ug/Kg		89	79 - 121
1,2-Dichloropropane	50.0	47.17		ug/Kg		94	77 - 120
1,3,5-Trimethylbenzene	50.0	49.35		ug/Kg		99	80 - 123
1,3-Butadiene	50.0	39.33	* me	ug/Kg		79	80 - 120
1,3-Dichlorobenzene	50.0	47.36		ug/Kg		95	80 - 120
1,3-Dichloropropane	50.0	46.43		ug/Kg		93	80 - 120
1,4-Dichlorobenzene	50.0	46.79		ug/Kg		94	80 - 120
1,4-Dioxane	500	486.5		ug/Kg		97	80 - 120
2,2,4-Trimethylpentane	50.0	47.56		ug/Kg		95	
2,2-Dichloropropane	50.0	49.90		ug/Kg		100	58 - 142
2-Butanone	50.0	44.47		ug/Kg		89	56 - 176
2-Chlorotoluene	50.0	48.70		ug/Kg		97	56 - 176
2-Hexanone	50.0	46.76		ug/Kg		94	67 - 151
2-Methyl-2-butanol (TAA)	250	228.9		ug/Kg		92	
4-Chlorotoluene	50.0	48.00		ug/Kg		96	67 - 151

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88073/3
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Methyl-2-pentanone	50.0	47.40		ug/Kg		95	72 - 126
Acetone	50.0	53.70		ug/Kg		107	30 - 150
Acetonitrile	100	83.96	J	ug/Kg		84	79 - 120
Acrolein	100	99.61		ug/Kg		100	80 - 120
Acrylonitrile	50.0	47.79	J	ug/Kg		96	80 - 120
Benzene	50.0	48.54		ug/Kg		97	79 - 120
Bromobenzene	50.0	47.09		ug/Kg		94	80 - 120
Bromochloromethane	50.0	43.40		ug/Kg		87	80 - 120
Bromodichloromethane	50.0	47.93		ug/Kg		96	73 - 127
Bromoform	50.0	42.13		ug/Kg		84	55 - 133
Bromomethane	50.0	36.52		ug/Kg		73	36 - 144
Carbon disulfide	50.0	43.30		ug/Kg		87	53 - 125
Carbon tetrachloride	50.0	49.96		ug/Kg		100	58 - 142
Chlorobenzene	50.0	46.94		ug/Kg		94	80 - 120
Chloroethane	50.0	46.16		ug/Kg		92	60 - 120
Chloroform	50.0	48.47		ug/Kg		97	80 - 120
Chloromethane	50.0	43.94		ug/Kg		88	50 - 122
cis-1,2-Dichloroethene	50.0	49.30		ug/Kg		99	80 - 123
cis-1,3-Dichloropropene	50.0	49.76		ug/Kg		100	74 - 128
Cyclohexane	50.0	45.87	J	ug/Kg		92	80 - 120
Dibromochloromethane	50.0	46.10		ug/Kg		92	50 - 122
Dibromomethane	50.0	46.35		ug/Kg		93	70 - 130
Dichlorodifluoromethane	50.0	44.01		ug/Kg		88	32 - 158
Diethyl ether	50.0	48.46		ug/Kg		97	80 - 120
Di-isopropyl ether (DIPE)	50.0	47.57		ug/Kg		95	65 - 131
Ethanol	500	399.8	J	ug/Kg		80	32 - 158
Ethylbenzene	50.0	48.04		ug/Kg		96	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	47.49		ug/Kg		95	58 - 136
Hexachloro-1,3-butadiene	50.0	48.18		ug/Kg		96	80 - 120
Hexane	50.0	46.17		ug/Kg		92	80 - 120
Iodomethane	250	208.9		ug/Kg		84	80 - 120
Isobutyl alcohol	250	225.2		ug/Kg		90	80 - 120
Isopropanol	250	236.4		ug/Kg		95	80 - 120
Isopropylbenzene	50.0	49.10		ug/Kg		98	80 - 129
m,p-Xylene	100	99.45		ug/Kg		99	80 - 122
Methylene Chloride	50.0	46.77		ug/Kg		94	72 - 120
Methyl-t-Butyl Ether (MTBE)	50.0	47.35		ug/Kg		95	64 - 124
Naphthalene	50.0	45.80		ug/Kg		92	64 - 124
n-Butylbenzene	50.0	51.71		ug/Kg		103	78 - 126
N-Propylbenzene	50.0	49.67		ug/Kg		99	80 - 122
o-Xylene	50.0	49.34		ug/Kg		99	79 - 127
p-Isopropyltoluene	50.0	50.66		ug/Kg		101	80 - 122
sec-Butylbenzene	50.0	50.67		ug/Kg		101	79 - 127
Styrene	50.0	48.50		ug/Kg		97	80 - 123
Tert-amyl-methyl ether (TAME)	50.0	45.53		ug/Kg		91	63 - 129
tert-Butyl alcohol (TBA)	250	235.5		ug/Kg		94	79 - 121
tert-Butylbenzene	50.0	49.93		ug/Kg		100	80 - 128
Tetrachloroethene	50.0	46.27		ug/Kg		93	75 - 123
Tetrahydrofuran	50.0	47.63		ug/Kg		95	80 - 120

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88073/3
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Thiophene	50.0	48.45		ug/Kg		97	80 - 120
Toluene	50.0	48.09		ug/Kg		96	80 - 120
trans-1,2-Dichloroethene	50.0	48.63		ug/Kg		97	80 - 120
trans-1,3-Dichloropropene	50.0	45.55		ug/Kg		91	66 - 120
trans-1,4-Dichloro-2-butene	50.0	48.09		ug/Kg		96	80 - 120
Trichloroethene	50.0	48.47		ug/Kg		97	80 - 120
Trichlorofluoromethane	50.0	45.70		ug/Kg		91	70 - 136
Vinyl acetate	50.0	49.45		ug/Kg		99	51 - 159
Vinyl chloride	50.0	49.44		ug/Kg		99	68 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: LCSD 570-88073/4
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	50.0	53.47		ug/Kg		107	73 - 133	13	20
1,1,1-Trichloroethane	50.0	53.67		ug/Kg		107	71 - 131	11	20
1,1,2,2-Tetrachloroethane	50.0	56.17		ug/Kg		112	77 - 120	17	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.03		ug/Kg		106	77 - 125	13	20
1,1,2-Trichloroethane	50.0	52.77		ug/Kg		106	80 - 120	11	20
1,1-Dichloroethane	50.0	53.74		ug/Kg		107	74 - 120	9	20
1,1-Dichloroethene	50.0	53.48		ug/Kg		107	71 - 125	12	20
1,1-Dichloropropene	50.0	53.88		ug/Kg		108	69 - 120	10	20
1,2,3-Trichlorobenzene	50.0	53.80		ug/Kg		108	73 - 127	9	20
1,2,3-Trichloropropane	50.0	54.94		ug/Kg		110	60 - 120	14	20
1,2,4-Trichlorobenzene	50.0	55.10		ug/Kg		110	74 - 128	10	20
1,2,4-Trimethylbenzene	50.0	55.42		ug/Kg		111	75 - 123	11	20
1,2-Dibromo-3-Chloropropane	50.0	51.65		ug/Kg		103	54 - 132	16	20
1,2-Dibromoethane	50.0	53.00		ug/Kg		106	80 - 120	12	20
1,2-Dichlorobenzene	50.0	52.94		ug/Kg		106	80 - 120	11	20
1,2-Dichloroethane	50.0	49.99		ug/Kg		100	79 - 121	12	20
1,2-Dichloropropane	50.0	53.37		ug/Kg		107	77 - 120	12	25
1,3,5-Trimethylbenzene	50.0	55.38		ug/Kg		111	80 - 123	12	20
1,3-Butadiene	50.0	44.18		ug/Kg		88	80 - 120	12	20
1,3-Dichlorobenzene	50.0	53.14		ug/Kg		106	80 - 120	11	20
1,3-Dichloropropane	50.0	52.46		ug/Kg		105	80 - 120	12	20
1,4-Dichlorobenzene	50.0	52.03		ug/Kg		104	80 - 120	11	20
1,4-Dioxane	500	559.4		ug/Kg		112	80 - 120	14	20
2,2,4-Trimethylpentane	50.0	53.08		ug/Kg		106		11	
2,2-Dichloropropane	50.0	54.51		ug/Kg		109	58 - 142	9	20
2-Butanone	50.0	52.12		ug/Kg		104	56 - 176	16	20
2-Chlorotoluene	50.0	54.71		ug/Kg		109	56 - 176	12	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88073/4
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2-Hexanone	50.0	53.95		ug/Kg		108	67 - 151	14	20
2-Methyl-2-butanol (TAA)	250	268.9		ug/Kg		108		16	20
4-Chlorotoluene	50.0	53.63		ug/Kg		107	67 - 151	11	20
4-Methyl-2-pentanone	50.0	54.08		ug/Kg		108	72 - 126	13	20
Acetone	50.0	61.90		ug/Kg		124	30 - 150	14	20
Acetonitrile	100	95.19	J	ug/Kg		95	79 - 120	13	20
Acrolein	100	113.0		ug/Kg		113	80 - 120	13	20
Acrylonitrile	50.0	52.71	J	ug/Kg		105	80 - 120	10	20
Benzene	50.0	54.34		ug/Kg		109	79 - 120	11	20
Bromobenzene	50.0	53.38		ug/Kg		107	80 - 120	13	20
Bromochloromethane	50.0	49.75		ug/Kg		100	80 - 120	14	20
Bromodichloromethane	50.0	54.13		ug/Kg		108	73 - 127	12	20
Bromoform	50.0	48.83		ug/Kg		98	55 - 133	15	20
Bromomethane	50.0	42.13		ug/Kg		84	36 - 144	14	20
Carbon disulfide	50.0	48.66		ug/Kg		97	53 - 125	12	20
Carbon tetrachloride	50.0	56.01		ug/Kg		112	58 - 142	11	20
Chlorobenzene	50.0	52.30		ug/Kg		105	80 - 120	11	20
Chloroethane	50.0	50.22		ug/Kg		100	60 - 120	8	20
Chloroform	50.0	54.00		ug/Kg		108	80 - 120	11	20
Chloromethane	50.0	49.81		ug/Kg		100	50 - 122	13	20
cis-1,2-Dichloroethene	50.0	54.74		ug/Kg		109	80 - 123	10	20
cis-1,3-Dichloropropene	50.0	57.15		ug/Kg		114	74 - 128	14	20
Cyclohexane	50.0	50.69		ug/Kg		101	80 - 120	10	20
Dibromochloromethane	50.0	52.19		ug/Kg		104	50 - 122	12	20
Dibromomethane	50.0	53.41		ug/Kg		107	70 - 130	14	20
Dichlorodifluoromethane	50.0	48.03		ug/Kg		96	32 - 158	9	20
Diethyl ether	50.0	54.91		ug/Kg		110	80 - 120	12	20
Di-isopropyl ether (DIPE)	50.0	53.18		ug/Kg		106	65 - 131	11	20
Ethanol	500	444.1	J	ug/Kg		89	32 - 158	10	27
Ethylbenzene	50.0	53.91		ug/Kg		108	57 - 153	12	20
Ethyl-t-butyl ether (ETBE)	50.0	53.65		ug/Kg		107	58 - 136	12	20
Hexachloro-1,3-butadiene	50.0	52.98		ug/Kg		106	80 - 120	10	20
Hexane	50.0	51.72		ug/Kg		103	80 - 120	11	20
Iodomethane	250	239.0		ug/Kg		96	80 - 120	13	20
Isobutyl alcohol	250	270.4		ug/Kg		108	80 - 120	18	20
Isopropanol	250	269.1		ug/Kg		108	80 - 120	13	20
Isopropylbenzene	50.0	55.25		ug/Kg		111	80 - 129	12	20
m,p-Xylene	100	110.7		ug/Kg		111	80 - 122	11	20
Methylene Chloride	50.0	52.68		ug/Kg		105	72 - 120	12	20
Methyl-t-Butyl Ether (MTBE)	50.0	53.59		ug/Kg		107	64 - 124	12	20
Naphthalene	50.0	52.35		ug/Kg		105	64 - 124	13	20
n-Butylbenzene	50.0	57.97		ug/Kg		116	78 - 126	11	25
N-Propylbenzene	50.0	55.37		ug/Kg		111	80 - 122	11	20
o-Xylene	50.0	55.14		ug/Kg		110	79 - 127	11	20
p-Isopropyltoluene	50.0	55.96		ug/Kg		112	80 - 122	10	20
sec-Butylbenzene	50.0	56.01		ug/Kg		112	79 - 127	10	20
Styrene	50.0	53.98		ug/Kg		108	80 - 123	11	20
Tert-amyl-methyl ether (TAME)	50.0	52.47		ug/Kg		105	63 - 129	14	20
tert-Butyl alcohol (TBA)	250	252.5		ug/Kg		101	79 - 121	7	20

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88073/4
Matrix: Solid
Analysis Batch: 88073

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
tert-Butylbenzene			50.0	56.33		ug/Kg		113	80 - 128	12	20
Tetrachloroethene			50.0	51.62		ug/Kg		103	75 - 123	11	20
Tetrahydrofuran			50.0	53.33		ug/Kg		107	80 - 120	11	20
Thiophene			50.0	54.00		ug/Kg		108	80 - 120	11	20
Toluene			50.0	54.26		ug/Kg		109	80 - 120	12	20
trans-1,2-Dichloroethene			50.0	54.62		ug/Kg		109	80 - 120	12	20
trans-1,3-Dichloropropene			50.0	52.46		ug/Kg		105	66 - 120	14	20
trans-1,4-Dichloro-2-butene			50.0	56.54		ug/Kg		113	80 - 120	16	20
Trichloroethene			50.0	54.12		ug/Kg		108	80 - 120	11	20
Trichlorofluoromethane			50.0	50.62		ug/Kg		101	70 - 136	10	20
Vinyl acetate			50.0	58.83		ug/Kg		118	51 - 159	17	20
Vinyl chloride			50.0	53.45		ug/Kg		107	68 - 120	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-85792/1-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85792

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.059	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
1,2-Dichlorobenzene	ND		0.50	0.064	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
1,3-Dichlorobenzene	ND		0.50	0.073	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
1,4-Dichlorobenzene	ND		0.50	0.075	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
1-Methylnaphthalene	ND		0.50	0.056	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,4,5-Trichlorophenol	ND		0.50	0.064	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,4,6-Trichlorophenol	ND		0.50	0.077	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,4-Dichlorophenol	ND		0.50	0.058	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,4-Dimethylphenol	ND		0.50	0.27	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,4-Dinitrophenol	ND		2.0	0.34	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,4-Dinitrotoluene	ND		0.50	0.067	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,6-Dichlorophenol	ND		0.50	0.059	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2,6-Dinitrotoluene	ND		0.50	0.073	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2-Chloronaphthalene	ND		0.50	0.059	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2-Chlorophenol	ND		0.50	0.067	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2-Methylnaphthalene	ND		0.50	0.060	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2-Methylphenol	ND		0.50	0.087	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2-Nitroaniline	ND		0.50	0.052	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
2-Nitrophenol	ND		0.50	0.067	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
3 & 4 Methylphenol	ND		0.50	0.16	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
3,3'-Dichlorobenzidine	ND		2.5	0.36	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
3-Nitroaniline	ND		0.50	0.070	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.63	mg/Kg		08/05/20 09:31	08/06/20 14:07	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-85792/1-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85792

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		0.50	0.061	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
4-Chloro-3-methylphenol	ND		0.50	0.066	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
4-Chloroaniline	ND		0.50	0.065	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
4-Chlorophenyl phenyl ether	ND		0.50	0.064	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
4-Nitroaniline	ND		0.50	0.065	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
4-Nitrophenol	ND		0.50	0.054	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Acenaphthene	ND		0.50	0.063	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Acenaphthylene	ND		0.50	0.060	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Aniline	ND		0.50	0.060	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Anthracene	ND		0.50	0.063	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Azobenzene	ND		0.50	0.054	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzidine	ND		5.0	0.83	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzo[a]anthracene	ND		0.50	0.057	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzo[a]pyrene	ND		0.50	0.054	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzo[b]fluoranthene	ND		0.50	0.064	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzo[g,h,i]perylene	ND		0.50	0.055	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzo[k]fluoranthene	ND		0.50	0.065	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzoic acid	ND		2.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Benzyl alcohol	ND		0.50	0.066	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Bis(2-chloroethoxy)methane	ND		0.50	0.056	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.057	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Bis(2-chloroethyl)ether	ND		2.5	0.41	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.053	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Butyl benzyl phthalate	ND		0.50	0.054	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Chrysene	ND		0.50	0.064	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Dibenz(a,h)anthracene	ND		0.50	0.046	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Dibenzofuran	ND		0.50	0.060	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Diethyl phthalate	ND		0.50	0.058	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Dimethyl phthalate	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Di-n-butyl phthalate	ND		0.50	0.060	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Di-n-octyl phthalate	ND		0.50	0.10	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Fluoranthene	ND		0.50	0.062	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Fluorene	ND		0.50	0.064	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Hexachloro-1,3-butadiene	ND		0.50	0.063	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Hexachlorobenzene	ND		0.50	0.067	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Hexachlorocyclopentadiene	ND		1.5	0.50	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Hexachloroethane	ND		0.50	0.078	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.054	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Isophorone	ND		0.50	0.057	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Naphthalene	ND		0.50	0.059	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Nitrobenzene	ND		2.0	0.32	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
N-Nitrosodimethylamine	ND		0.50	0.047	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
N-Nitrosodi-n-propylamine	ND		0.50	0.084	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
N-Nitrosodiphenylamine	ND		0.50	0.14	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Pentachlorophenol	ND		2.5	0.39	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Phenanthrene	ND		0.50	0.069	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Phenol	ND		0.50	0.048	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Pyrene	ND		0.50	0.077	mg/Kg		08/05/20 09:31	08/06/20 14:07	1
Pyridine	ND		0.50	0.055	mg/Kg		08/05/20 09:31	08/06/20 14:07	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg				08/05/20 09:31	08/06/20 14:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	93		18 - 138	08/05/20 09:31	08/06/20 14:07	1
2-Fluorobiphenyl (Surr)	76		27 - 120	08/05/20 09:31	08/06/20 14:07	1
2-Fluorophenol (Surr)	68		25 - 120	08/05/20 09:31	08/06/20 14:07	1
Nitrobenzene-d5 (Surr)	71		33 - 123	08/05/20 09:31	08/06/20 14:07	1
Phenol-d6 (Surr)	67		26 - 122	08/05/20 09:31	08/06/20 14:07	1
p-Terphenyl-d14 (Surr)	85		27 - 159	08/05/20 09:31	08/06/20 14:07	1

Lab Sample ID: MB 570-85792/1-A
Matrix: Solid
Analysis Batch: 88606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85792

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/05/20 09:31	08/18/20 14:49	1
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/05/20 09:31	08/18/20 14:49	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		mg/Kg				08/05/20 09:31	08/18/20 14:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		18 - 138	08/05/20 09:31	08/18/20 14:49	1
2-Fluorobiphenyl (Surr)	75		27 - 120	08/05/20 09:31	08/18/20 14:49	1
2-Fluorophenol (Surr)	69		25 - 120	08/05/20 09:31	08/18/20 14:49	1
Nitrobenzene-d5 (Surr)	60		33 - 123	08/05/20 09:31	08/18/20 14:49	1
Phenol-d6 (Surr)	64		26 - 122	08/05/20 09:31	08/18/20 14:49	1
p-Terphenyl-d14 (Surr)	81		27 - 159	08/05/20 09:31	08/18/20 14:49	1

Lab Sample ID: LCS 570-85792/2-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	5.00	3.840		mg/Kg		77	45 - 129
1,2-Dichlorobenzene	5.00	3.364		mg/Kg		67	45 - 123
1,3-Dichlorobenzene	5.00	3.273		mg/Kg		65	45 - 123
1,4-Dichlorobenzene	5.00	3.247		mg/Kg		65	42 - 132
1-Methylnaphthalene	5.00	4.077		mg/Kg		82	45 - 105
2,4,5-Trichlorophenol	5.00	4.371		mg/Kg		87	43 - 127
2,4,6-Trichlorophenol	5.00	4.559		mg/Kg		91	48 - 126
2,4-Dichlorophenol	5.00	4.229		mg/Kg		85	49 - 127
2,4-Dimethylphenol	5.00	3.857		mg/Kg		77	45 - 147
2,4-Dinitrophenol	5.00	4.595		mg/Kg		92	18 - 138
2,4-Dinitrotoluene	5.00	4.506		mg/Kg		90	51 - 129
2,6-Dichlorophenol	5.00	4.064		mg/Kg		81	55 - 115
2,6-Dinitrotoluene	5.00	4.504		mg/Kg		90	44 - 140
2-Chloronaphthalene	5.00	4.305		mg/Kg		86	45 - 129
2-Chlorophenol	5.00	3.572		mg/Kg		71	58 - 124
2-Methylnaphthalene	5.00	4.006		mg/Kg		80	42 - 132

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85792/2-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Methylphenol	5.00	3.620		mg/Kg		72	45 - 129
2-Nitroaniline	5.00	3.914		mg/Kg		78	35 - 150
2-Nitrophenol	5.00	4.152		mg/Kg		83	50 - 140
3 & 4 Methylphenol	10.0	6.523		mg/Kg		65	37 - 127
3,3'-Dichlorobenzidine	5.00	4.467		mg/Kg		89	20 - 150
3-Nitroaniline	5.00	3.879		mg/Kg		78	24 - 120
4,6-Dinitro-2-methylphenol	5.00	4.633		mg/Kg		93	36 - 138
4-Bromophenyl phenyl ether	5.00	4.490		mg/Kg		90	39 - 135
4-Chloro-3-methylphenol	5.00	3.905		mg/Kg		78	55 - 151
4-Chloroaniline	5.00	3.439		mg/Kg		69	16 - 124
4-Chlorophenyl phenyl ether	5.00	4.297		mg/Kg		86	45 - 135
4-Nitroaniline	5.00	4.075		mg/Kg		82	47 - 137
4-Nitrophenol	5.00	4.405		mg/Kg		88	24 - 126
Acenaphthene	5.00	4.307		mg/Kg		86	51 - 123
Acenaphthylene	5.00	4.705		mg/Kg		94	52 - 120
Aniline	5.00	2.925		mg/Kg		58	50 - 130
Anthracene	5.00	4.507		mg/Kg		90	41 - 125
Azobenzene	5.00	3.908		mg/Kg		78	60 - 140
Benzidine	5.00	4.010	J	mg/Kg		80	20 - 92
Benzo[a]anthracene	5.00	4.919		mg/Kg		98	45 - 117
Benzo[a]pyrene	5.00	5.367		mg/Kg		107	41 - 125
Benzo[b]fluoranthene	5.00	4.889		mg/Kg		98	41 - 137
Benzo[g,h,i]perylene	5.00	4.917		mg/Kg		98	16 - 124
Benzo[k]fluoranthene	5.00	4.944		mg/Kg		99	42 - 144
Benzoic acid	5.00	3.847		mg/Kg		77	18 - 150
Benzyl alcohol	5.00	3.480		mg/Kg		70	46 - 150
Bis(2-chloroethoxy)methane	5.00	3.830		mg/Kg		77	43 - 133
bis (2-Chloroisopropyl) ether	5.00	3.513		mg/Kg		70	27 - 147
Bis(2-chloroethyl)ether	5.00	3.246		mg/Kg		65	46 - 124
Bis(2-ethylhexyl) phthalate	5.00	4.146		mg/Kg		83	55 - 121
Butyl benzyl phthalate	5.00	4.232		mg/Kg		85	43 - 139
Chrysene	5.00	4.526		mg/Kg		91	45 - 117
Dibenz(a,h)anthracene	5.00	4.818		mg/Kg		96	21 - 129
Dibenzofuran	5.00	4.041		mg/Kg		81	46 - 130
Diethyl phthalate	5.00	4.209		mg/Kg		84	44 - 134
Dimethyl phthalate	5.00	4.135		mg/Kg		83	51 - 123
Di-n-butyl phthalate	5.00	4.244		mg/Kg		85	44 - 134
Di-n-octyl phthalate	5.00	4.563		mg/Kg		91	18 - 150
Fluoranthene	5.00	4.558		mg/Kg		91	39 - 129
Fluorene	5.00	4.344		mg/Kg		87	54 - 126
Hexachloro-1,3-butadiene	5.00	4.083		mg/Kg		82	40 - 136
Hexachlorobenzene	5.00	4.511		mg/Kg		90	40 - 136
Hexachlorocyclopentadiene	5.00	5.426		mg/Kg		109	31 - 115
Hexachloroethane	5.00	3.241		mg/Kg		65	40 - 124
Indeno[1,2,3-cd]pyrene	5.00	4.849		mg/Kg		97	70 - 130
Isophorone	5.00	3.742		mg/Kg		75	70 - 130
Naphthalene	5.00	3.885		mg/Kg		78	32 - 146
Nitrobenzene	5.00	3.534		mg/Kg		71	41 - 137
N-Nitrosodimethylamine	5.00	2.783		mg/Kg		56	45 - 129

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85792/2-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
N-Nitrosodi-n-propylamine	5.00	3.413		mg/Kg		68	40 - 136
N-Nitrosodiphenylamine	5.00	4.863		mg/Kg		97	51 - 150
Pentachlorophenol	5.00	4.098		mg/Kg		82	23 - 131
Phenanthrene	5.00	4.405		mg/Kg		88	38 - 140
Phenol	5.00	3.394		mg/Kg		68	40 - 130
Pyrene	5.00	4.381		mg/Kg		88	47 - 143
Pyridine	5.00	2.117	* me	mg/Kg		42	46 - 88

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 138*
2-Fluorobiphenyl (Surr)	*72*		*27 - 120*
2-Fluorophenol (Surr)	*61*		*25 - 120*
Nitrobenzene-d5 (Surr)	*63*		*33 - 123*
Phenol-d6 (Surr)	*62*		*26 - 122*
p-Terphenyl-d14 (Surr)	*73*		*27 - 159*

Lab Sample ID: LCSD 570-85792/3-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	4.253		mg/Kg		85	45 - 129	10	27
1,2-Dichlorobenzene	5.00	3.777		mg/Kg		76	45 - 123	12	14
1,3-Dichlorobenzene	5.00	3.655		mg/Kg		73	45 - 123	11	15
1,4-Dichlorobenzene	5.00	3.658		mg/Kg		73	42 - 132	12	30
1-Methylnaphthalene	5.00	4.604		mg/Kg		92	45 - 105	12	30
2,4,5-Trichlorophenol	5.00	4.907		mg/Kg		98	43 - 127	12	13
2,4,6-Trichlorophenol	5.00	5.000		mg/Kg		100	48 - 126	9	12
2,4-Dichlorophenol	5.00	4.618		mg/Kg		92	49 - 127	9	11
2,4-Dimethylphenol	5.00	4.358		mg/Kg		87	45 - 147	12	12
2,4-Dinitrophenol	5.00	5.180		mg/Kg		104	18 - 138	12	19
2,4-Dinitrotoluene	5.00	5.176		mg/Kg		104	51 - 129	14	28
2,6-Dichlorophenol	5.00	4.583		mg/Kg		92	55 - 115	12	20
2,6-Dinitrotoluene	5.00	5.113		mg/Kg		102	44 - 140	13	13
2-Chloronaphthalene	5.00	4.734		mg/Kg		95	45 - 129	9	13
2-Chlorophenol	5.00	4.077		mg/Kg		82	58 - 124	13	20
2-Methylnaphthalene	5.00	4.488		mg/Kg		90	42 - 132	11	13
2-Methylphenol	5.00	4.093		mg/Kg		82	45 - 129	12	13
2-Nitroaniline	5.00	4.390		mg/Kg		88	35 - 150	11	13
2-Nitrophenol	5.00	4.676		mg/Kg		94	50 - 140	12	13
3 & 4 Methylphenol	10.0	7.472	*1	mg/Kg		75	37 - 127	14	13
3,3'-Dichlorobenzidine	5.00	4.784		mg/Kg		96	20 - 150	7	20
3-Nitroaniline	5.00	4.285		mg/Kg		86	24 - 120	10	19
4,6-Dinitro-2-methylphenol	5.00	5.162		mg/Kg		103	36 - 138	11	17
4-Bromophenyl phenyl ether	5.00	4.991		mg/Kg		100	39 - 135	11	13
4-Chloro-3-methylphenol	5.00	4.503		mg/Kg		90	55 - 151	14	20
4-Chloroaniline	5.00	3.813		mg/Kg		76	16 - 124	10	29
4-Chlorophenyl phenyl ether	5.00	4.901		mg/Kg		98	45 - 135	13	13

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85792/3-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85792

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Nitroaniline			5.00	4.652	*1	mg/Kg		93	47 - 137	13	12
4-Nitrophenol			5.00	5.224		mg/Kg		104	24 - 126	17	27
Acenaphthene			5.00	4.824		mg/Kg		96	51 - 123	11	26
Acenaphthylene			5.00	5.178		mg/Kg		104	52 - 120	10	28
Aniline			5.00	3.328		mg/Kg		67	50 - 130	13	30
Anthracene			5.00	5.123	*1	mg/Kg		102	41 - 125	13	11
Azobenzene			5.00	4.341		mg/Kg		87	60 - 140	11	30
Benzidine			5.00	4.728	J * me	mg/Kg		95	20 - 92	16	24
Benzo[a]anthracene			5.00	5.478		mg/Kg		110	45 - 117	11	12
Benzo[a]pyrene			5.00	5.921		mg/Kg		118	41 - 125	10	13
Benzo[b]fluoranthene			5.00	5.441		mg/Kg		109	41 - 137	11	15
Benzo[g,h,i]perylene			5.00	5.432		mg/Kg		109	16 - 124	10	18
Benzo[k]fluoranthene			5.00	5.517		mg/Kg		110	42 - 144	11	15
Benzoic acid			5.00	4.551	*1	mg/Kg		91	18 - 150	17	16
Benzyl alcohol			5.00	3.976		mg/Kg		80	46 - 150	13	16
Bis(2-chloroethoxy)methane			5.00	4.289		mg/Kg		86	43 - 133	11	13
bis (2-Chloroisopropyl) ether			5.00	4.017	*1	mg/Kg		80	27 - 147	13	12
Bis(2-chloroethyl)ether			5.00	3.718		mg/Kg		74	46 - 124	14	21
Bis(2-ethylhexyl) phthalate			5.00	4.764	*1	mg/Kg		95	55 - 121	14	10
Butyl benzyl phthalate			5.00	4.878		mg/Kg		98	43 - 139	14	29
Chrysene			5.00	4.977		mg/Kg		100	45 - 117	9	12
Dibenz(a,h)anthracene			5.00	5.363		mg/Kg		107	21 - 129	11	15
Dibenzofuran			5.00	4.495		mg/Kg		90	46 - 130	11	14
Diethyl phthalate			5.00	4.874	*1	mg/Kg		97	44 - 134	15	13
Dimethyl phthalate			5.00	4.677		mg/Kg		94	51 - 123	12	27
Di-n-butyl phthalate			5.00	4.975	*1	mg/Kg		100	44 - 134	16	11
Di-n-octyl phthalate			5.00	5.250	*1	mg/Kg		105	18 - 150	14	13
Fluoranthene			5.00	5.355	*1	mg/Kg		107	39 - 129	16	12
Fluorene			5.00	4.910		mg/Kg		98	54 - 126	12	27
Hexachloro-1,3-butadiene			5.00	4.553		mg/Kg		91	40 - 136	11	15
Hexachlorobenzene			5.00	5.083	*1	mg/Kg		102	40 - 136	12	11
Hexachlorocyclopentadiene			5.00	5.680		mg/Kg		114	31 - 115	5	30
Hexachloroethane			5.00	3.664		mg/Kg		73	40 - 124	12	16
Indeno[1,2,3-cd]pyrene			5.00	5.424		mg/Kg		108	70 - 130	11	15
Isophorone			5.00	4.198		mg/Kg		84	70 - 130	11	12
Naphthalene			5.00	4.268		mg/Kg		85	32 - 146	9	20
Nitrobenzene			5.00	3.935		mg/Kg		79	41 - 137	11	13
N-Nitrosodimethylamine			5.00	3.125		mg/Kg		63	45 - 129	12	18
N-Nitrosodi-n-propylamine			5.00	4.025		mg/Kg		81	40 - 136	16	29
N-Nitrosodiphenylamine			5.00	5.527	*1	mg/Kg		111	51 - 150	13	11
Pentachlorophenol			5.00	4.364		mg/Kg		87	23 - 131	6	22
Phenanthrene			5.00	5.031	*1	mg/Kg		101	38 - 140	13	11
Phenol			5.00	3.846		mg/Kg		77	40 - 130	13	20
Pyrene			5.00	4.981		mg/Kg		100	47 - 143	13	20
Pyridine			5.00	2.335		mg/Kg		47	46 - 88	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*96*		*18 - 138*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85792/3-A
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85792

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	80		27 - 120
2-Fluorophenol (Surr)	69		25 - 120
Nitrobenzene-d5 (Surr)	70		33 - 123
Phenol-d6 (Surr)	72		26 - 122
p-Terphenyl-d14 (Surr)	82		27 - 159

Lab Sample ID: 570-34864-13 MS
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	ND		5.01	4.023		mg/Kg		80	56 - 120
1,2-Dichlorobenzene	ND		5.01	3.684		mg/Kg		74	51 - 117
1,3-Dichlorobenzene	ND		5.01	3.715		mg/Kg		74	54 - 114
1,4-Dichlorobenzene	ND		5.01	3.605		mg/Kg		72	43 - 120
1-Methylnaphthalene	ND		5.01	3.993		mg/Kg		80	45 - 105
2,4,5-Trichlorophenol	ND		5.01	5.429		mg/Kg		108	48 - 120
2,4,6-Trichlorophenol	ND		5.01	5.046		mg/Kg		101	53 - 119
2,4-Dichlorophenol	ND		5.01	4.340		mg/Kg		87	55 - 121
2,4-Dimethylphenol	ND		5.01	3.669		mg/Kg		73	45 - 135
2,4-Dinitrophenol	ND		5.01	2.655	J	mg/Kg		53	15 - 99
2,4-Dinitrotoluene	ND		5.01	4.732		mg/Kg		95	28 - 120
2,6-Dichlorophenol	ND		5.01	4.094		mg/Kg		82	75 - 125
2,6-Dinitrotoluene	ND		5.01	4.712		mg/Kg		94	49 - 139
2-Chloronaphthalene	ND		5.01	4.332		mg/Kg		87	51 - 123
2-Chlorophenol	ND		5.01	3.539		mg/Kg		71	53 - 120
2-Methylnaphthalene	ND		5.01	3.912		mg/Kg		78	51 - 123
2-Methylphenol	ND		5.01	3.375		mg/Kg		67	52 - 124
2-Nitroaniline	ND		5.01	3.963		mg/Kg		79	43 - 157
2-Nitrophenol	ND		5.01	3.989		mg/Kg		80	55 - 139
3 & 4 Methylphenol	ND	*1	10.0	6.242		mg/Kg		62	33 - 129
3,3'-Dichlorobenzidine	ND		5.01	4.489	J	mg/Kg		90	15 - 225
3-Nitroaniline	ND		5.01	4.309		mg/Kg		86	30 - 144
4,6-Dinitro-2-methylphenol	ND	F2	5.01	2.970	J	mg/Kg		59	26 - 146
4-Bromophenyl phenyl ether	ND		5.01	5.437		mg/Kg		109	45 - 129
4-Chloro-3-methylphenol	ND		5.01	4.335		mg/Kg		87	32 - 120
4-Chloroaniline	ND		5.01	3.166		mg/Kg		63	25 - 133
4-Chlorophenyl phenyl ether	ND		5.01	4.680		mg/Kg		94	47 - 131
4-Nitroaniline	ND	*1	5.01	4.293		mg/Kg		86	50 - 140
4-Nitrophenol	ND		5.01	4.867		mg/Kg		97	14 - 128
Acenaphthene	ND		5.01	4.412		mg/Kg		88	34 - 148
Acenaphthylene	ND		5.01	4.699		mg/Kg		94	53 - 120
Aniline	ND	F1	5.01	2.463	F1	mg/Kg		49	60 - 140
Anthracene	ND	*1	5.01	5.331		mg/Kg		107	45 - 123
Azobenzene	ND		5.01	4.217		mg/Kg		84	60 - 140
Benzidine	ND	* F1	5.01	ND	F1	mg/Kg		0	0.1 - 78
Benzo[a]anthracene	ND		5.01	5.601		mg/Kg		112	44 - 122
Benzo[a]pyrene	ND		5.01	5.814		mg/Kg		116	50 - 116

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-34864-13 MS
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzo[b]fluoranthene	ND		5.01	5.420		mg/Kg		108	56 - 122
Benzo[g,h,i]perylene	ND		5.01	5.537		mg/Kg		111	9 - 123
Benzo[k]fluoranthene	ND		5.01	5.368		mg/Kg		107	52 - 130
Benzoic acid	ND	F1 *1	5.01	2.498	J F1	mg/Kg		50	0.1 - 28
Benzyl alcohol	ND		5.01	3.214		mg/Kg		64	54 - 150
Bis(2-chloroethoxy)methane	ND		5.01	3.474		mg/Kg		69	49 - 127
bis (2-Chloroisopropyl) ether	ND	*1	5.01	3.437		mg/Kg		69	33 - 153
Bis(2-chloroethyl)ether	ND		5.01	3.485	J	mg/Kg		70	55 - 115
Bis(2-ethylhexyl) phthalate	ND	*1	5.01	4.534		mg/Kg		91	55 - 121
Butyl benzyl phthalate	ND		5.01	4.817		mg/Kg		96	15 - 189
Chrysene	ND		5.01	5.117		mg/Kg		102	42 - 120
Dibenz(a,h)anthracene	ND		5.01	5.592		mg/Kg		112	19 - 127
Dibenzofuran	ND		5.01	4.175		mg/Kg		83	48 - 126
Diethyl phthalate	ND	*1	5.01	4.361		mg/Kg		87	52 - 124
Dimethyl phthalate	ND		5.01	4.094		mg/Kg		82	44 - 122
Di-n-butyl phthalate	ND	*1	5.01	4.621		mg/Kg		92	49 - 127
Di-n-octyl phthalate	ND	*1	5.01	4.887		mg/Kg		98	43 - 163
Fluoranthene	ND	*1	5.01	5.080		mg/Kg		102	45 - 123
Fluorene	ND		5.01	4.707		mg/Kg		94	12 - 186
Hexachloro-1,3-butadiene	ND		5.01	4.477		mg/Kg		89	43 - 127
Hexachlorobenzene	ND	*1	5.01	5.197		mg/Kg		104	43 - 133
Hexachlorocyclopentadiene	ND	F1	5.01	ND	F1	mg/Kg		0	60 - 140
Hexachloroethane	ND	F1	5.01	2.439		mg/Kg		49	48 - 114
Indeno[1,2,3-cd]pyrene	ND		5.01	5.462		mg/Kg		109	70 - 130
Isophorone	ND		5.01	3.422		mg/Kg		68	51 - 117
Naphthalene	ND		5.01	3.956		mg/Kg		79	20 - 140
Nitrobenzene	ND		5.01	3.405	J	mg/Kg		68	46 - 136
N-Nitrosodimethylamine	ND	F1	5.01	2.427	F1	mg/Kg		49	53 - 119
N-Nitrosodi-n-propylamine	ND		5.01	3.244		mg/Kg		65	38 - 140
N-Nitrosodiphenylamine	ND	*1	5.01	5.850		mg/Kg		117	57 - 159
Pentachlorophenol	ND		5.01	5.343		mg/Kg		107	10 - 124
Phenanthrene	ND	*1	5.01	5.221		mg/Kg		104	46 - 130
Phenol	ND		5.01	3.252		mg/Kg		65	22 - 124
Pyrene	ND		5.01	5.554		mg/Kg		111	31 - 169
Pyridine	ND	F2 F1 *	5.01	1.519	F1	mg/Kg		30	50 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*115*		*18 - 138*
2-Fluorobiphenyl (Surr)	*72*		*27 - 120*
2-Fluorophenol (Surr)	*62*		*25 - 120*
Nitrobenzene-d5 (Surr)	*62*		*33 - 123*
Phenol-d6 (Surr)	*60*		*26 - 122*
p-Terphenyl-d14 (Surr)	*95*		*27 - 159*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-34864-13 MSD
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.00	3.665		mg/Kg		73	56 - 120	9	20
1,2-Dichlorobenzene	ND		5.00	3.227		mg/Kg		65	51 - 117	13	18
1,3-Dichlorobenzene	ND		5.00	3.115		mg/Kg		62	54 - 114	18	18
1,4-Dichlorobenzene	ND		5.00	3.100		mg/Kg		62	43 - 120	15	26
1-Methylnaphthalene	ND		5.00	3.706		mg/Kg		74	45 - 105	7	30
2,4,5-Trichlorophenol	ND		5.00	5.138		mg/Kg		103	48 - 120	6	18
2,4,6-Trichlorophenol	ND		5.00	4.931		mg/Kg		99	53 - 119	2	18
2,4-Dichlorophenol	ND		5.00	4.183		mg/Kg		84	55 - 121	4	18
2,4-Dimethylphenol	ND		5.00	3.504		mg/Kg		70	45 - 135	5	22
2,4-Dinitrophenol	ND		5.00	2.382	J	mg/Kg		48	15 - 99	11	33
2,4-Dinitrotoluene	ND		5.00	4.496		mg/Kg		90	28 - 120	5	20
2,6-Dichlorophenol	ND		5.00	3.798		mg/Kg		76	75 - 125	8	20
2,6-Dinitrotoluene	ND		5.00	4.490		mg/Kg		90	49 - 139	5	17
2-Chloronaphthalene	ND		5.00	4.010		mg/Kg		80	51 - 123	8	17
2-Chlorophenol	ND		5.00	3.160		mg/Kg		63	53 - 120	11	20
2-Methylnaphthalene	ND		5.00	3.604		mg/Kg		72	51 - 123	8	19
2-Methylphenol	ND		5.00	3.181		mg/Kg		64	52 - 124	6	19
2-Nitroaniline	ND		5.00	3.835		mg/Kg		77	43 - 157	3	17
2-Nitrophenol	ND		5.00	3.531		mg/Kg		71	55 - 139	12	17
3 & 4 Methylphenol	ND	*1	10.0	5.802		mg/Kg		58	33 - 129	7	20
3,3'-Dichlorobenzidine	ND		5.00	3.977	J	mg/Kg		80	15 - 225	12	22
3-Nitroaniline	ND		5.00	4.287		mg/Kg		86	30 - 144	1	18
4,6-Dinitro-2-methylphenol	ND	F2	5.00	2.259	J F2	mg/Kg		45	26 - 146	27	18
4-Bromophenyl phenyl ether	ND		5.00	5.239		mg/Kg		105	45 - 129	4	17
4-Chloro-3-methylphenol	ND		5.00	4.273		mg/Kg		85	32 - 120	1	20
4-Chloroaniline	ND		5.00	2.916		mg/Kg		58	25 - 133	8	22
4-Chlorophenyl phenyl ether	ND		5.00	4.530		mg/Kg		91	47 - 131	3	18
4-Nitroaniline	ND	*1	5.00	4.221		mg/Kg		84	50 - 140	2	18
4-Nitrophenol	ND		5.00	4.916		mg/Kg		98	14 - 128	1	59
Acenaphthene	ND		5.00	4.213		mg/Kg		84	34 - 148	5	20
Acenaphthylene	ND		5.00	4.415		mg/Kg		88	53 - 120	6	20
Aniline	ND	F1	5.00	2.202	F1	mg/Kg		44	60 - 140	11	30
Anthracene	ND	*1	5.00	5.157		mg/Kg		103	45 - 123	3	17
Azobenzene	ND		5.00	3.988		mg/Kg		80	60 - 140	6	30
Benzidine	ND	* F1	5.00	ND	F1	mg/Kg		0	0.1 - 78	NC	54
Benzo[a]anthracene	ND		5.00	5.289		mg/Kg		106	44 - 122	6	14
Benzo[a]pyrene	ND		5.00	5.120		mg/Kg		102	50 - 116	13	17
Benzo[b]fluoranthene	ND		5.00	5.081		mg/Kg		102	56 - 122	6	20
Benzo[g,h,i]perylene	ND		5.00	5.180		mg/Kg		104	9 - 123	7	18
Benzo[k]fluoranthene	ND		5.00	4.497		mg/Kg		90	52 - 130	18	18
Benzoic acid	ND	F1 *1	5.00	3.064	J F1	mg/Kg		61	0.1 - 28	20	81
Benzyl alcohol	ND		5.00	2.839		mg/Kg		57	54 - 150	12	18
Bis(2-chloroethoxy)methane	ND		5.00	3.088		mg/Kg		62	49 - 127	12	16
bis (2-Chloroisopropyl) ether	ND	*1	5.00	3.034		mg/Kg		61	33 - 153	12	18
Bis(2-chloroethyl)ether	ND		5.00	3.177	J	mg/Kg		64	55 - 115	9	18
Bis(2-ethylhexyl) phthalate	ND	*1	5.00	4.526		mg/Kg		91	55 - 121	0	15
Butyl benzyl phthalate	ND		5.00	4.445		mg/Kg		89	15 - 189	8	20
Chrysene	ND		5.00	4.854		mg/Kg		97	42 - 120	5	16

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-34864-13 MSD
Matrix: Solid
Analysis Batch: 86128

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 85792

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	ND		5.00	5.194		mg/Kg		104	19 - 127	7	16
Dibenzofuran	ND		5.00	4.067		mg/Kg		81	48 - 126	3	18
Diethyl phthalate	ND	*1	5.00	4.250		mg/Kg		85	52 - 124	3	16
Dimethyl phthalate	ND		5.00	3.893		mg/Kg		78	44 - 122	5	20
Di-n-butyl phthalate	ND	*1	5.00	4.505		mg/Kg		90	49 - 127	3	17
Di-n-octyl phthalate	ND	*1	5.00	4.414		mg/Kg		88	43 - 163	10	19
Fluoranthene	ND	*1	5.00	4.966		mg/Kg		99	45 - 123	2	18
Fluorene	ND		5.00	4.588		mg/Kg		92	12 - 186	3	20
Hexachloro-1,3-butadiene	ND		5.00	3.981		mg/Kg		80	43 - 127	12	17
Hexachlorobenzene	ND	*1	5.00	5.078		mg/Kg		102	43 - 133	2	17
Hexachlorocyclopentadiene	ND	F1	5.00	ND	F1	mg/Kg		0	60 - 140	NC	30
Hexachloroethane	ND	F1	5.00	2.186	F1	mg/Kg		44	48 - 114	11	17
Indeno[1,2,3-cd]pyrene	ND		5.00	5.131		mg/Kg		103	70 - 130	6	16
Isophorone	ND		5.00	3.110		mg/Kg		62	51 - 117	10	16
Naphthalene	ND		5.00	3.521		mg/Kg		70	20 - 140	12	20
Nitrobenzene	ND		5.00	3.068	J	mg/Kg		61	46 - 136	10	17
N-Nitrosodimethylamine	ND	F1	5.00	2.150	F1	mg/Kg		43	53 - 119	12	18
N-Nitrosodi-n-propylamine	ND		5.00	2.903		mg/Kg		58	38 - 140	11	20
N-Nitrosodiphenylamine	ND	*1	5.00	5.473		mg/Kg		110	57 - 159	7	20
Pentachlorophenol	ND		5.00	5.032		mg/Kg		101	10 - 124	6	20
Phenanthrene	ND	*1	5.00	5.070		mg/Kg		101	46 - 130	3	17
Phenol	ND		5.00	2.879		mg/Kg		58	22 - 124	12	20
Pyrene	ND		5.00	5.193		mg/Kg		104	31 - 169	7	20
Pyridine	ND	F2 F1 *	5.00	1.201	F2 F1	mg/Kg		24	50 - 130	23	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*105*		*18 - 138*
2-Fluorobiphenyl (Surr)	*64*		*27 - 120*
2-Fluorophenol (Surr)	*52*		*25 - 120*
Nitrobenzene-d5 (Surr)	*55*		*33 - 123*
Phenol-d6 (Surr)	*54*		*26 - 122*
p-Terphenyl-d14 (Surr)	*87*		*27 - 159*

Lab Sample ID: MB 570-86209/1-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
1,2-Dichlorobenzene	ND		10	3.0	ug/L		08/06/20 16:24	08/07/20 14:25	1
1,3-Dichlorobenzene	ND		10	3.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
1,4-Dichlorobenzene	ND		10	2.9	ug/L		08/06/20 16:24	08/07/20 14:25	1
1-Methylnaphthalene	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,4,5-Trichlorophenol	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,4,6-Trichlorophenol	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,4-Dichlorophenol	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,4-Dimethylphenol	ND		10	2.4	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,4-Dinitrophenol	ND		50	13	ug/L		08/06/20 16:24	08/07/20 14:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-86209/1-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrotoluene	ND		10	2.3	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,6-Dichlorophenol	ND		10	1.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
2,6-Dinitrotoluene	ND		10	2.4	ug/L		08/06/20 16:24	08/07/20 14:25	1
2-Chloronaphthalene	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
2-Chlorophenol	ND		10	2.3	ug/L		08/06/20 16:24	08/07/20 14:25	1
2-Methylnaphthalene	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
2-Methylphenol	ND		10	2.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
2-Nitroaniline	ND		10	2.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
2-Nitrophenol	ND		10	2.6	ug/L		08/06/20 16:24	08/07/20 14:25	1
3 & 4 Methylphenol	ND		10	2.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
3,3'-Dichlorobenzidine	ND		25	2.6	ug/L		08/06/20 16:24	08/07/20 14:25	1
3-Nitroaniline	ND		10	2.3	ug/L		08/06/20 16:24	08/07/20 14:25	1
4,6-Dinitro-2-methylphenol	ND		50	14	ug/L		08/06/20 16:24	08/07/20 14:25	1
4-Bromophenyl phenyl ether	ND		10	2.7	ug/L		08/06/20 16:24	08/07/20 14:25	1
4-Chloro-3-methylphenol	ND		10	2.4	ug/L		08/06/20 16:24	08/07/20 14:25	1
4-Chloroaniline	ND		10	2.0	ug/L		08/06/20 16:24	08/07/20 14:25	1
4-Chlorophenyl phenyl ether	ND		10	2.7	ug/L		08/06/20 16:24	08/07/20 14:25	1
4-Nitroaniline	ND		10	2.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
4-Nitrophenol	ND		10	1.6	ug/L		08/06/20 16:24	08/07/20 14:25	1
Acenaphthene	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
Acenaphthylene	ND		10	2.9	ug/L		08/06/20 16:24	08/07/20 14:25	1
Aniline	ND		10	1.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Anthracene	ND		10	3.0	ug/L		08/06/20 16:24	08/07/20 14:25	1
Azobenzene	ND		10	2.6	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzidine	ND		50	6.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzo[a]anthracene	ND		10	4.7	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzo[a]pyrene	ND		10	2.4	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzo[b]fluoranthene	ND		10	2.3	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzo[g,h,i]perylene	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzo[k]fluoranthene	ND		10	3.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzoic acid	ND		50	12	ug/L		08/06/20 16:24	08/07/20 14:25	1
Benzyl alcohol	ND		10	2.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
Bis(2-chloroethoxy)methane	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
bis (2-Chloroisopropyl) ether	ND		10	3.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
Bis(2-chloroethyl)ether	ND		25	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Bis(2-ethylhexyl) phthalate	ND		10	3.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
Butyl benzyl phthalate	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Chrysene	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
Dibenz(a,h)anthracene	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Dibenzofuran	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
Diethyl phthalate	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
Dimethyl phthalate	ND		10	2.6	ug/L		08/06/20 16:24	08/07/20 14:25	1
Di-n-butyl phthalate	ND		10	2.9	ug/L		08/06/20 16:24	08/07/20 14:25	1
Di-n-octyl phthalate	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Fluoranthene	ND		10	3.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
Fluorene	ND		10	2.7	ug/L		08/06/20 16:24	08/07/20 14:25	1
Hexachloro-1,3-butadiene	ND		10	2.9	ug/L		08/06/20 16:24	08/07/20 14:25	1
Hexachlorobenzene	ND		10	3.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
Hexachlorocyclopentadiene	ND		25	6.9	ug/L		08/06/20 16:24	08/07/20 14:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-86209/1-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		10	3.0	ug/L		08/06/20 16:24	08/07/20 14:25	1
Indeno[1,2,3-cd]pyrene	ND		10	2.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
Isophorone	ND		10	2.5	ug/L		08/06/20 16:24	08/07/20 14:25	1
Naphthalene	ND		10	2.9	ug/L		08/06/20 16:24	08/07/20 14:25	1
Nitrobenzene	ND		25	3.0	ug/L		08/06/20 16:24	08/07/20 14:25	1
N-Nitrosodimethylamine	ND		10	3.2	ug/L		08/06/20 16:24	08/07/20 14:25	1
N-Nitrosodi-n-propylamine	ND		10	2.4	ug/L		08/06/20 16:24	08/07/20 14:25	1
N-Nitrosodiphenylamine	ND		10	2.8	ug/L		08/06/20 16:24	08/07/20 14:25	1
Pentachlorophenol	ND		10	4.6	ug/L		08/06/20 16:24	08/07/20 14:25	1
Phenanthrene	ND		10	2.9	ug/L		08/06/20 16:24	08/07/20 14:25	1
Phenol	ND		10	2.1	ug/L		08/06/20 16:24	08/07/20 14:25	1
Pyrene	ND		10	3.0	ug/L		08/06/20 16:24	08/07/20 14:25	1
Pyridine	ND		10	3.0	ug/L		08/06/20 16:24	08/07/20 14:25	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Unknown	*8.316*	*T J*	*ug/L*		*10.58*		*08/06/20 16:24*	*08/07/20 14:25*	*1*
Unknown	*10.05*	*T J*	*ug/L*		*11.13*		*08/06/20 16:24*	*08/07/20 14:25*	*1*
Unknown	*10.46*	*T J*	*ug/L*		*11.71*		*08/06/20 16:24*	*08/07/20 14:25*	*1*
Unknown	*10.38*	*T J*	*ug/L*		*12.31*		*08/06/20 16:24*	*08/07/20 14:25*	*1*
Unknown	*9.944*	*T J*	*ug/L*		*12.93*		*08/06/20 16:24*	*08/07/20 14:25*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*32 - 143*	*08/06/20 16:24*	*08/07/20 14:25*	*1*
2-Fluorobiphenyl (Surr)	*64*		*45 - 120*	*08/06/20 16:24*	*08/07/20 14:25*	*1*
2-Fluorophenol (Surr)	*30*		*15 - 138*	*08/06/20 16:24*	*08/07/20 14:25*	*1*
Nitrobenzene-d5 (Surr)	*56*		*56 - 123*	*08/06/20 16:24*	*08/07/20 14:25*	*1*
Phenol-d6 (Surr)	*19*		*17 - 141*	*08/06/20 16:24*	*08/07/20 14:25*	*1*
p-Terphenyl-d14 (Surr)	*74*		*46 - 133*	*08/06/20 16:24*	*08/07/20 14:25*	*1*

Lab Sample ID: MB 570-86209/1-A
Matrix: Water
Analysis Batch: 88618

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Diphenylhydrazine	ND		10	0.85	ug/L		08/06/20 16:24	08/18/20 15:10	1
N-Nitrosodiethylamine	ND		10	1.0	ug/L		08/06/20 16:24	08/18/20 15:10	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*				*08/06/20 16:24*	*08/18/20 15:10*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*32 - 143*	*08/06/20 16:24*	*08/18/20 15:10*	*1*
2-Fluorobiphenyl (Surr)	*57*		*45 - 120*	*08/06/20 16:24*	*08/18/20 15:10*	*1*
2-Fluorophenol (Surr)	*35*		*15 - 138*	*08/06/20 16:24*	*08/18/20 15:10*	*1*
Nitrobenzene-d5 (Surr)	*55*	*X*	*56 - 123*	*08/06/20 16:24*	*08/18/20 15:10*	*1*
Phenol-d6 (Surr)	*23*		*17 - 141*	*08/06/20 16:24*	*08/18/20 15:10*	*1*
p-Terphenyl-d14 (Surr)	*71*		*46 - 133*	*08/06/20 16:24*	*08/18/20 15:10*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-86209/2-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	100	96.55		ug/L		97	49 - 120
1,2-Dichlorobenzene	100	91.07		ug/L		91	35 - 105
1,3-Dichlorobenzene	100	92.30		ug/L		92	30 - 100
1,4-Dichlorobenzene	100	90.73		ug/L		91	30 - 100
1-Methylnaphthalene	100	97.07		ug/L		97	45 - 105
2,4,5-Trichlorophenol	100	97.98		ug/L		98	50 - 110
2,4,6-Trichlorophenol	100	104.7		ug/L		105	50 - 115
2,4-Dichlorophenol	100	99.46		ug/L		99	50 - 105
2,4-Dimethylphenol	100	90.53		ug/L		91	30 - 110
2,4-Dinitrophenol	100	100.0		ug/L		100	15 - 140
2,4-Dinitrotoluene	100	101.6		ug/L		102	50 - 120
2,6-Dichlorophenol	100	95.95		ug/L		96	42 - 120
2,6-Dinitrotoluene	100	104.2		ug/L		104	50 - 115
2-Chloronaphthalene	100	98.05		ug/L		98	50 - 105
2-Chlorophenol	100	86.41		ug/L		86	35 - 105
2-Methylnaphthalene	100	96.72		ug/L		97	45 - 105
2-Methylphenol	100	75.51		ug/L		76	40 - 110
2-Nitroaniline	100	87.28		ug/L		87	50 - 115
2-Nitrophenol	100	98.68		ug/L		99	40 - 115
3 & 4 Methylphenol	200	129.1		ug/L		65	30 - 110
3,3'-Dichlorobenzidine	100	104.3		ug/L		104	10 - 125
3-Nitroaniline	100	89.64		ug/L		90	20 - 125
4,6-Dinitro-2-methylphenol	100	101.5		ug/L		102	40 - 130
4-Bromophenyl phenyl ether	100	110.4		ug/L		110	50 - 115
4-Chloro-3-methylphenol	100	89.28		ug/L		89	45 - 110
4-Chloroaniline	100	82.70		ug/L		83	15 - 110
4-Chlorophenyl phenyl ether	100	102.6		ug/L		103	50 - 110
4-Nitroaniline	100	91.11		ug/L		91	35 - 120
4-Nitrophenol	100	47.01		ug/L		47	20 - 150
Acenaphthene	100	99.70		ug/L		100	45 - 110
Acenaphthylene	100	105.3		ug/L		105	50 - 105
Aniline	100	70.94		ug/L		71	30 - 120
Anthracene	100	103.4		ug/L		103	55 - 110
Azobenzene	100	92.09		ug/L		92	50 - 130
Benzidine	100	108.4		ug/L		108	24 - 150
Benzo[a]anthracene	100	109.3		ug/L		109	55 - 110
Benzo[a]pyrene	100	104.3		ug/L		104	55 - 110
Benzo[b]fluoranthene	100	104.1		ug/L		104	45 - 120
Benzo[g,h,i]perylene	100	104.2		ug/L		104	40 - 125
Benzo[k]fluoranthene	100	93.67		ug/L		94	45 - 125
Benzoic acid	100	32.10	J	ug/L		32	0.1 - 125
Benzyl alcohol	100	74.41		ug/L		74	30 - 110
Bis(2-chloroethoxy)methane	100	92.64		ug/L		93	45 - 105
bis (2-Chloroisopropyl) ether	100	93.33		ug/L		93	25 - 130
Bis(2-chloroethyl)ether	100	88.27		ug/L		88	35 - 110
Bis(2-ethylhexyl) phthalate	100	98.16		ug/L		98	40 - 125
Butyl benzyl phthalate	100	101.3		ug/L		101	45 - 115
Chrysene	100	98.56		ug/L		99	55 - 110

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-86209/2-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Dibenz(a,h)anthracene	100	102.9		ug/L		103	40 - 125
Dibenzofuran	100	93.27		ug/L		93	55 - 105
Diethyl phthalate	100	98.01		ug/L		98	40 - 120
Dimethyl phthalate	100	97.04		ug/L		97	25 - 125
Di-n-butyl phthalate	100	98.30		ug/L		98	55 - 115
Di-n-octyl phthalate	100	101.7		ug/L		102	35 - 135
Fluoranthene	100	102.0		ug/L		102	55 - 115
Fluorene	100	100.4		ug/L		100	50 - 110
Hexachloro-1,3-butadiene	100	107.1	* me	ug/L		107	25 - 105
Hexachlorobenzene	100	105.3		ug/L		105	50 - 110
Hexachlorocyclopentadiene	100	124.1	*	ug/L		124	31 - 109
Hexachloroethane	100	89.74		ug/L		90	30 - 95
Indeno[1,2,3-cd]pyrene	100	102.9		ug/L		103	45 - 125
Isophorone	100	90.74		ug/L		91	50 - 110
Naphthalene	100	95.34		ug/L		95	40 - 100
Nitrobenzene	100	86.24		ug/L		86	45 - 110
N-Nitrosodimethylamine	100	54.56		ug/L		55	25 - 110
N-Nitrosodi-n-propylamine	100	85.62		ug/L		86	35 - 130
N-Nitrosodiphenylamine	100	117.2	* me	ug/L		117	50 - 110
Pentachlorophenol	100	88.91		ug/L		89	40 - 115
Phenanthrene	100	102.8		ug/L		103	50 - 115
Phenol	100	36.43		ug/L		36	10 - 115
Pyrene	100	104.8		ug/L		105	50 - 130
Pyridine	100	53.99		ug/L		54	36 - 96

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*101*		*32 - 143*
2-Fluorobiphenyl (Surr)	*82*		*45 - 120*
2-Fluorophenol (Surr)	*51*		*15 - 138*
Nitrobenzene-d5 (Surr)	*76*		*56 - 123*
Phenol-d6 (Surr)	*32*		*17 - 141*
p-Terphenyl-d14 (Surr)	*88*		*46 - 133*

Lab Sample ID: LCSD 570-86209/3-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	100	95.17		ug/L		95	49 - 120	1	20
1,2-Dichlorobenzene	100	91.64		ug/L		92	35 - 105	1	20
1,3-Dichlorobenzene	100	90.08		ug/L		90	30 - 100	2	20
1,4-Dichlorobenzene	100	88.78		ug/L		89	30 - 100	2	26
1-Methylnaphthalene	100	95.46		ug/L		95	45 - 105	2	20
2,4,5-Trichlorophenol	100	98.47		ug/L		98	50 - 110	1	20
2,4,6-Trichlorophenol	100	101.1		ug/L		101	50 - 115	3	20
2,4-Dichlorophenol	100	96.00		ug/L		96	50 - 105	4	20
2,4-Dimethylphenol	100	84.91		ug/L		85	30 - 110	6	20
2,4-Dinitrophenol	100	97.82		ug/L		98	15 - 140	2	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86209/3-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4-Dinitrotoluene	100	101.5		ug/L		101	50 - 120	0	36
2,6-Dichlorophenol	100	93.88		ug/L		94	42 - 120	2	21
2,6-Dinitrotoluene	100	101.9		ug/L		102	50 - 115	2	20
2-Chloronaphthalene	100	94.03		ug/L		94	50 - 105	4	20
2-Chlorophenol	100	86.90		ug/L		87	35 - 105	1	18
2-Methylnaphthalene	100	94.01		ug/L		94	45 - 105	3	20
2-Methylphenol	100	75.53		ug/L		76	40 - 110	0	20
2-Nitroaniline	100	84.04		ug/L		84	50 - 115	4	20
2-Nitrophenol	100	94.10		ug/L		94	40 - 115	5	20
3 & 4 Methylphenol	200	130.1		ug/L		65	30 - 110	1	20
3,3'-Dichlorobenzidine	100	100.7		ug/L		101	10 - 125	3	20
3-Nitroaniline	100	88.61		ug/L		89	20 - 125	1	20
4,6-Dinitro-2-methylphenol	100	99.64		ug/L		100	40 - 130	2	20
4-Bromophenyl phenyl ether	100	106.5		ug/L		106	50 - 115	4	20
4-Chloro-3-methylphenol	100	86.40		ug/L		86	45 - 110	3	40
4-Chloroaniline	100	82.23		ug/L		82	15 - 110	1	20
4-Chlorophenyl phenyl ether	100	103.4		ug/L		103	50 - 110	1	20
4-Nitroaniline	100	87.34		ug/L		87	35 - 120	4	20
4-Nitrophenol	100	44.40		ug/L		44	20 - 150	6	40
Acenaphthene	100	95.48		ug/L		95	45 - 110	4	20
Acenaphthylene	100	101.8		ug/L		102	50 - 105	3	20
Aniline	100	71.45		ug/L		71	30 - 120	1	20
Anthracene	100	96.99		ug/L		97	55 - 110	6	20
Azobenzene	100	85.30		ug/L		85	50 - 130	8	20
Benzidine	100	105.8		ug/L		106	24 - 150	2	20
Benzo[a]anthracene	100	104.9		ug/L		105	55 - 110	4	20
Benzo[a]pyrene	100	96.13		ug/L		96	55 - 110	8	20
Benzo[b]fluoranthene	100	98.14		ug/L		98	45 - 120	6	20
Benzo[g,h,i]perylene	100	96.18		ug/L		96	40 - 125	8	20
Benzo[k]fluoranthene	100	85.46		ug/L		85	45 - 125	9	20
Benzoic acid	100	30.33	J	ug/L		30	0.1 - 125	6	20
Benzyl alcohol	100	73.19		ug/L		73	30 - 110	2	20
Bis(2-chloroethoxy)methane	100	87.46		ug/L		87	45 - 105	6	20
bis (2-Chloroisopropyl) ether	100	91.69		ug/L		92	25 - 130	2	20
Bis(2-chloroethyl)ether	100	85.53		ug/L		86	35 - 110	3	20
Bis(2-ethylhexyl) phthalate	100	97.87		ug/L		98	40 - 125	0	20
Butyl benzyl phthalate	100	98.32		ug/L		98	45 - 115	3	20
Chrysene	100	94.68		ug/L		95	55 - 110	4	20
Dibenz(a,h)anthracene	100	96.89		ug/L		97	40 - 125	6	20
Dibenzofuran	100	90.78		ug/L		91	55 - 105	3	20
Diethyl phthalate	100	98.15		ug/L		98	40 - 120	0	20
Dimethyl phthalate	100	95.04		ug/L		95	25 - 125	2	20
Di-n-butyl phthalate	100	96.90		ug/L		97	55 - 115	1	20
Di-n-octyl phthalate	100	98.97		ug/L		99	35 - 135	3	20
Fluoranthene	100	95.37		ug/L		95	55 - 115	7	20
Fluorene	100	100.6		ug/L		101	50 - 110	0	20
Hexachloro-1,3-butadiene	100	106.3	* me	ug/L		106	25 - 105	1	20
Hexachlorobenzene	100	98.52		ug/L		99	50 - 110	7	20
Hexachlorocyclopentadiene	100	123.3	*	ug/L		123	31 - 109	1	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86209/3-A
Matrix: Water
Analysis Batch: 86385

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86209

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Hexachloroethane			100	91.38		ug/L		91	30 - 95	2	20
Indeno[1,2,3-cd]pyrene			100	95.79		ug/L		96	45 - 125	7	20
Isophorone			100	85.88		ug/L		86	50 - 110	6	20
Naphthalene			100	91.18		ug/L		91	40 - 100	4	20
Nitrobenzene			100	79.54		ug/L		80	45 - 110	8	20
N-Nitrosodimethylamine			100	42.84	*1	ug/L		43	25 - 110	24	20
N-Nitrosodi-n-propylamine			100	86.08		ug/L		86	35 - 130	1	20
N-Nitrosodiphenylamine			100	110.8	* me	ug/L		111	50 - 110	6	20
Pentachlorophenol			100	85.28		ug/L		85	40 - 115	4	40
Phenanthrene			100	96.10		ug/L		96	50 - 115	7	20
Phenol			100	35.41		ug/L		35	10 - 115	3	23
Pyrene			100	102.2		ug/L		102	50 - 130	3	20
Pyridine			100	40.52	*1	ug/L		41	36 - 96	29	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*97*		*32 - 143*
2-Fluorobiphenyl (Surr)	*80*		*45 - 120*
2-Fluorophenol (Surr)	*48*		*15 - 138*
Nitrobenzene-d5 (Surr)	*71*		*56 - 123*
Phenol-d6 (Surr)	*31*		*17 - 141*
p-Terphenyl-d14 (Surr)	*88*		*46 - 133*

Lab Sample ID: MB 570-87538/1-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.059	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
1,2-Dichlorobenzene	ND		0.50	0.064	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
1,2-Diphenylhydrazine	ND		0.50	0.11	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
1,3-Dichlorobenzene	ND		0.50	0.073	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
1,4-Dichlorobenzene	ND		0.50	0.075	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
1-Methylnaphthalene	ND		0.50	0.056	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,4,5-Trichlorophenol	ND		0.50	0.064	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,4,6-Trichlorophenol	ND		0.50	0.077	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,4-Dichlorophenol	ND		0.50	0.058	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,4-Dimethylphenol	ND		0.50	0.27	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,4-Dinitrophenol	ND		2.0	0.34	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,4-Dinitrotoluene	ND		0.50	0.067	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,6-Dichlorophenol	ND		0.50	0.059	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2,6-Dinitrotoluene	ND		0.50	0.073	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2-Chloronaphthalene	ND		0.50	0.059	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2-Chlorophenol	ND		0.50	0.067	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2-Methylnaphthalene	ND		0.50	0.060	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2-Methylphenol	ND		0.50	0.087	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2-Nitroaniline	ND		0.50	0.052	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
2-Nitrophenol	ND		0.50	0.067	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
3 & 4 Methylphenol	ND		0.50	0.16	mg/Kg		08/13/20 10:36	08/14/20 23:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87538/1-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		2.5	0.36	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
3-Nitroaniline	ND		0.50	0.070	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.63	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4-Bromophenyl phenyl ether	ND		0.50	0.061	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4-Chloro-3-methylphenol	ND		0.50	0.066	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4-Chloroaniline	ND		0.50	0.065	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4-Chlorophenyl phenyl ether	ND		0.50	0.064	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4-Nitroaniline	ND		0.50	0.065	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
4-Nitrophenol	ND		0.50	0.054	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Acenaphthene	ND		0.50	0.063	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Acenaphthylene	ND		0.50	0.060	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Aniline	ND		0.50	0.060	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Anthracene	ND		0.50	0.063	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Azobenzene	ND		0.50	0.054	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzidine	ND		5.0	0.83	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzo[a]anthracene	ND		0.50	0.057	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzo[a]pyrene	ND		0.50	0.054	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzo[b]fluoranthene	ND		0.50	0.064	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzo[g,h,i]perylene	ND		0.50	0.055	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzo[k]fluoranthene	ND		0.50	0.065	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzoic acid	ND		2.5	0.50	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Benzyl alcohol	ND		0.50	0.066	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Bis(2-chloroethoxy)methane	ND		0.50	0.056	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.057	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Bis(2-chloroethyl)ether	ND		2.5	0.41	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.053	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Butyl benzyl phthalate	ND		0.50	0.054	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Chrysene	ND		0.50	0.064	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Dibenz(a,h)anthracene	ND		0.50	0.046	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Dibenzofuran	ND		0.50	0.060	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Diethyl phthalate	ND		0.50	0.058	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Dimethyl phthalate	ND		0.50	0.11	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Di-n-butyl phthalate	ND		0.50	0.060	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Di-n-octyl phthalate	ND		0.50	0.10	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Fluoranthene	ND		0.50	0.062	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Fluorene	ND		0.50	0.064	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Hexachloro-1,3-butadiene	ND		0.50	0.063	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Hexachlorobenzene	ND		0.50	0.067	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Hexachlorocyclopentadiene	ND		1.5	0.50	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Hexachloroethane	ND		0.50	0.078	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.054	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Isophorone	ND		0.50	0.057	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Naphthalene	ND		0.50	0.059	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Nitrobenzene	ND		2.0	0.32	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
N-Nitrosodiethylamine	ND		1.5	0.11	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
N-Nitrosodimethylamine	ND		0.50	0.047	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
N-Nitrosodi-n-propylamine	ND		0.50	0.084	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
N-Nitrosodiphenylamine	ND		0.50	0.14	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Pentachlorophenol	ND		2.5	0.39	mg/Kg		08/13/20 10:36	08/14/20 23:53	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-87538/1-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87538

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		0.50	0.069	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Phenol	ND		0.50	0.048	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Pyrene	ND		0.50	0.077	mg/Kg		08/13/20 10:36	08/14/20 23:53	1
Pyridine	ND		0.50	0.055	mg/Kg		08/13/20 10:36	08/14/20 23:53	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*mg/Kg*				*08/13/20 10:36*	*08/14/20 23:53*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 138*	*08/13/20 10:36*	*08/14/20 23:53*	*1*
2-Fluorobiphenyl (Surr)	*84*		*27 - 120*	*08/13/20 10:36*	*08/14/20 23:53*	*1*
2-Fluorophenol (Surr)	*81*		*25 - 120*	*08/13/20 10:36*	*08/14/20 23:53*	*1*
Nitrobenzene-d5 (Surr)	*79*		*33 - 123*	*08/13/20 10:36*	*08/14/20 23:53*	*1*
Phenol-d6 (Surr)	*85*		*26 - 122*	*08/13/20 10:36*	*08/14/20 23:53*	*1*
p-Terphenyl-d14 (Surr)	*98*		*27 - 159*	*08/13/20 10:36*	*08/14/20 23:53*	*1*

Lab Sample ID: LCS 570-87538/2-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	5.00	3.850		mg/Kg		77	45 - 129
1,2-Dichlorobenzene	5.00	3.374		mg/Kg		67	45 - 123
1,3-Dichlorobenzene	5.00	3.673		mg/Kg		73	45 - 123
1,4-Dichlorobenzene	5.00	3.616		mg/Kg		72	42 - 132
1-Methylnaphthalene	5.00	3.672		mg/Kg		73	45 - 105
2,4,5-Trichlorophenol	5.00	3.427		mg/Kg		69	43 - 127
2,4,6-Trichlorophenol	5.00	3.558		mg/Kg		71	48 - 126
2,4-Dichlorophenol	5.00	3.450		mg/Kg		69	49 - 127
2,4-Dimethylphenol	5.00	3.711		mg/Kg		74	45 - 147
2,4-Dinitrophenol	5.00	3.572		mg/Kg		71	18 - 138
2,4-Dinitrotoluene	5.00	3.662		mg/Kg		73	51 - 129
2,6-Dichlorophenol	5.00	3.497		mg/Kg		70	55 - 115
2,6-Dinitrotoluene	5.00	3.687		mg/Kg		74	44 - 140
2-Chloronaphthalene	5.00	4.081		mg/Kg		82	45 - 129
2-Chlorophenol	5.00	3.270		mg/Kg		65	58 - 124
2-Methylnaphthalene	5.00	3.599		mg/Kg		72	42 - 132
2-Methylphenol	5.00	3.003		mg/Kg		60	45 - 129
2-Nitroaniline	5.00	4.354		mg/Kg		87	35 - 150
2-Nitrophenol	5.00	3.376		mg/Kg		68	50 - 140
3 & 4 Methylphenol	10.0	5.557		mg/Kg		56	37 - 127
3,3'-Dichlorobenzidine	5.00	3.449		mg/Kg		69	20 - 150
3-Nitroaniline	5.00	3.798		mg/Kg		76	24 - 120
4,6-Dinitro-2-methylphenol	5.00	3.362		mg/Kg		67	36 - 138
4-Bromophenyl phenyl ether	5.00	4.280		mg/Kg		86	39 - 135
4-Chloro-3-methylphenol	5.00	3.606		mg/Kg		72	55 - 151
4-Chloroaniline	5.00	3.380		mg/Kg		68	16 - 124
4-Chlorophenyl phenyl ether	5.00	5.437		mg/Kg		109	45 - 135

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87538/2-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87538

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Nitroaniline	5.00	5.041		mg/Kg		101	47 - 137
4-Nitrophenol	5.00	3.930		mg/Kg		79	24 - 126
Acenaphthene	5.00	3.777		mg/Kg		76	51 - 123
Acenaphthylene	5.00	3.990		mg/Kg		80	52 - 120
Aniline	5.00	3.153		mg/Kg		63	50 - 130
Anthracene	5.00	3.792		mg/Kg		76	41 - 125
Azobenzene	5.00	3.465		mg/Kg		69	60 - 140
Benzidine	5.00	3.214	J	mg/Kg		64	20 - 92
Benzo[a]anthracene	5.00	3.953		mg/Kg		79	45 - 117
Benzo[a]pyrene	5.00	3.771		mg/Kg		75	41 - 125
Benzo[b]fluoranthene	5.00	3.508		mg/Kg		70	41 - 137
Benzo[g,h,i]perylene	5.00	4.016		mg/Kg		80	16 - 124
Benzo[k]fluoranthene	5.00	3.444		mg/Kg		69	42 - 144
Benzoic acid	5.00	3.641		mg/Kg		73	18 - 150
Benzyl alcohol	5.00	3.115		mg/Kg		62	46 - 150
Bis(2-chloroethoxy)methane	5.00	4.154		mg/Kg		83	43 - 133
bis (2-Chloroisopropyl) ether	5.00	4.261		mg/Kg		85	27 - 147
Bis(2-chloroethyl)ether	5.00	3.676		mg/Kg		74	46 - 124
Bis(2-ethylhexyl) phthalate	5.00	3.371		mg/Kg		67	55 - 121
Butyl benzyl phthalate	5.00	3.531		mg/Kg		71	43 - 139
Chrysene	5.00	3.664		mg/Kg		73	45 - 117
Dibenz(a,h)anthracene	5.00	3.932		mg/Kg		79	21 - 129
Dibenzofuran	5.00	3.468		mg/Kg		69	46 - 130
Diethyl phthalate	5.00	4.663		mg/Kg		93	44 - 134
Dimethyl phthalate	5.00	3.620		mg/Kg		72	51 - 123
Di-n-butyl phthalate	5.00	3.535		mg/Kg		71	44 - 134
Di-n-octyl phthalate	5.00	3.336		mg/Kg		67	18 - 150
Fluoranthene	5.00	3.641		mg/Kg		73	39 - 129
Fluorene	5.00	4.884		mg/Kg		98	54 - 126
Hexachloro-1,3-butadiene	5.00	4.059		mg/Kg		81	40 - 136
Hexachlorobenzene	5.00	4.297		mg/Kg		86	40 - 136
Hexachlorocyclopentadiene	5.00	6.225	* me	mg/Kg		125	31 - 115
Hexachloroethane	5.00	3.353		mg/Kg		67	40 - 124
Indeno[1,2,3-cd]pyrene	5.00	3.896		mg/Kg		78	70 - 130
Isophorone	5.00	3.609		mg/Kg		72	70 - 130
Naphthalene	5.00	3.591		mg/Kg		72	32 - 146
Nitrobenzene	5.00	3.509		mg/Kg		70	41 - 137
N-Nitrosodimethylamine	5.00	4.292		mg/Kg		86	45 - 129
N-Nitrosodi-n-propylamine	5.00	3.756		mg/Kg		75	40 - 136
N-Nitrosodiphenylamine	5.00	4.939		mg/Kg		99	51 - 150
Pentachlorophenol	5.00	3.237		mg/Kg		65	23 - 131
Phenanthrene	5.00	3.719		mg/Kg		74	38 - 140
Phenol	5.00	3.328		mg/Kg		67	40 - 130
Pyrene	5.00	3.857		mg/Kg		77	47 - 143
Pyridine	13.0	2.828	*	mg/Kg		22	46 - 88

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 138*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87538/2-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87538

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*78*		*27 - 120*
2-Fluorophenol (Surr)	*88*		*25 - 120*
Nitrobenzene-d5 (Surr)	*79*		*33 - 123*
Phenol-d6 (Surr)	*75*		*26 - 122*
p-Terphenyl-d14 (Surr)	*81*		*27 - 159*

Lab Sample ID: LCSD 570-87538/3-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87538

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	3.959		mg/Kg		79	45 - 129	3	27
1,2-Dichlorobenzene			5.00	3.731		mg/Kg		75	45 - 123	10	14
1,3-Dichlorobenzene			5.00	3.687		mg/Kg		74	45 - 123	0	15
1,4-Dichlorobenzene			5.00	3.582		mg/Kg		72	42 - 132	1	30
1-Methylnaphthalene			5.00	3.722		mg/Kg		74	45 - 105	1	30
2,4,5-Trichlorophenol			5.00	3.489		mg/Kg		70	43 - 127	2	13
2,4,6-Trichlorophenol			5.00	3.525		mg/Kg		71	48 - 126	1	12
2,4-Dichlorophenol			5.00	3.593		mg/Kg		72	49 - 127	4	11
2,4-Dimethylphenol			5.00	3.497		mg/Kg		70	45 - 147	6	12
2,4-Dinitrophenol			5.00	3.701		mg/Kg		74	18 - 138	4	19
2,4-Dinitrotoluene			5.00	3.677		mg/Kg		74	51 - 129	0	28
2,6-Dichlorophenol			5.00	3.556		mg/Kg		71	55 - 115	2	20
2,6-Dinitrotoluene			5.00	3.701		mg/Kg		74	44 - 140	0	13
2-Chloronaphthalene			5.00	3.942		mg/Kg		79	45 - 129	3	13
2-Chlorophenol			5.00	3.252		mg/Kg		65	58 - 124	1	20
2-Methylnaphthalene			5.00	3.596		mg/Kg		72	42 - 132	0	13
2-Methylphenol			5.00	3.394		mg/Kg		68	45 - 129	12	13
2-Nitroaniline			5.00	3.932		mg/Kg		79	35 - 150	10	13
2-Nitrophenol			5.00	3.333		mg/Kg		67	50 - 140	1	13
3 & 4 Methylphenol			10.0	6.318		mg/Kg		63	37 - 127	13	13
3,3'-Dichlorobenzidine			5.00	3.417		mg/Kg		68	20 - 150	1	20
3-Nitroaniline			5.00	3.708		mg/Kg		74	24 - 120	2	19
4,6-Dinitro-2-methylphenol			5.00	3.334		mg/Kg		67	36 - 138	1	17
4-Bromophenyl phenyl ether			5.00	4.099		mg/Kg		82	39 - 135	4	13
4-Chloro-3-methylphenol			5.00	3.587		mg/Kg		72	55 - 151	1	20
4-Chloroaniline			5.00	3.391		mg/Kg		68	16 - 124	0	29
4-Chlorophenyl phenyl ether			5.00	4.236	*1	mg/Kg		85	45 - 135	25	13
4-Nitroaniline			5.00	4.074	*1	mg/Kg		81	47 - 137	21	12
4-Nitrophenol			5.00	3.630		mg/Kg		73	24 - 126	8	27
Acenaphthene			5.00	3.704		mg/Kg		74	51 - 123	2	26
Acenaphthylene			5.00	3.942		mg/Kg		79	52 - 120	1	28
Aniline			5.00	3.203		mg/Kg		64	50 - 130	2	30
Anthracene			5.00	3.773		mg/Kg		75	41 - 125	0	11
Azobenzene			5.00	3.423		mg/Kg		68	60 - 140	1	30
Benzidine			5.00	3.041	J	mg/Kg		61	20 - 92	6	24
Benzo[a]anthracene			5.00	3.898		mg/Kg		78	45 - 117	1	12
Benzo[a]pyrene			5.00	3.684		mg/Kg		74	41 - 125	2	13

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-87538/3-A
Matrix: Solid
Analysis Batch: 87929

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87538

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzo[b]fluoranthene	5.00	3.593		mg/Kg		72	41 - 137	2	15
Benzo[g,h,i]perylene	5.00	4.005		mg/Kg		80	16 - 124	0	18
Benzo[k]fluoranthene	5.00	3.280		mg/Kg		66	42 - 144	5	15
Benzoic acid	5.00	3.730		mg/Kg		75	18 - 150	2	16
Benzyl alcohol	5.00	3.342		mg/Kg		67	46 - 150	7	16
Bis(2-chloroethoxy)methane	5.00	3.990		mg/Kg		80	43 - 133	4	13
bis (2-Chloroisopropyl) ether	5.00	4.323		mg/Kg		86	27 - 147	1	12
Bis(2-chloroethyl)ether	5.00	3.727		mg/Kg		75	46 - 124	1	21
Bis(2-ethylhexyl) phthalate	5.00	3.308		mg/Kg		66	55 - 121	2	10
Butyl benzyl phthalate	5.00	3.529		mg/Kg		71	43 - 139	0	29
Chrysene	5.00	3.558		mg/Kg		71	45 - 117	3	12
Dibenz(a,h)anthracene	5.00	3.906		mg/Kg		78	21 - 129	1	15
Dibenzofuran	5.00	3.503		mg/Kg		70	46 - 130	1	14
Diethyl phthalate	5.00	3.665	*1	mg/Kg		73	44 - 134	24	13
Dimethyl phthalate	5.00	3.651		mg/Kg		73	51 - 123	1	27
Di-n-butyl phthalate	5.00	3.538		mg/Kg		71	44 - 134	0	11
Di-n-octyl phthalate	5.00	3.324		mg/Kg		66	18 - 150	0	13
Fluoranthene	5.00	3.691		mg/Kg		74	39 - 129	1	12
Fluorene	5.00	3.812		mg/Kg		76	54 - 126	25	27
Hexachloro-1,3-butadiene	5.00	4.022		mg/Kg		80	40 - 136	1	15
Hexachlorobenzene	5.00	4.105		mg/Kg		82	40 - 136	5	11
Hexachlorocyclopentadiene	5.00	6.017	* me	mg/Kg		120	31 - 115	3	30
Hexachloroethane	5.00	3.635		mg/Kg		73	40 - 124	8	16
Indeno[1,2,3-cd]pyrene	5.00	3.878		mg/Kg		78	70 - 130	0	15
Isophorone	5.00	3.404	* me	mg/Kg		68	70 - 130	6	12
Naphthalene	5.00	3.533		mg/Kg		71	32 - 146	2	20
Nitrobenzene	5.00	3.197		mg/Kg		64	41 - 137	9	13
N-Nitrosodimethylamine	5.00	3.527	*1	mg/Kg		71	45 - 129	20	18
N-Nitrosodi-n-propylamine	5.00	3.943		mg/Kg		79	40 - 136	5	29
N-Nitrosodiphenylamine	5.00	4.802		mg/Kg		96	51 - 150	3	11
Pentachlorophenol	5.00	3.286		mg/Kg		66	23 - 131	2	22
Phenanthrene	5.00	3.654		mg/Kg		73	38 - 140	2	11
Phenol	5.00	3.396		mg/Kg		68	40 - 130	2	20
Pyrene	5.00	3.830		mg/Kg		77	47 - 143	1	20
Pyridine	5.00	2.316		mg/Kg		46	46 - 88	20	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 138*
2-Fluorobiphenyl (Surr)	*74*		*27 - 120*
2-Fluorophenol (Surr)	*75*		*25 - 120*
Nitrobenzene-d5 (Surr)	*71*		*33 - 123*
Phenol-d6 (Surr)	*76*		*26 - 122*
p-Terphenyl-d14 (Surr)	*80*		*27 - 159*

Method: 8270C SIM - PAHs (GC/MS SIM)

Lab Sample ID: MB 570-86006/1-A
Matrix: Water
Analysis Batch: 86333

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86006

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
2-Methylnaphthalene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Acenaphthene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Acenaphthylene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Anthracene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Benzo[a]anthracene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Benzo[a]pyrene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Benzo[b]fluoranthene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Benzo[g,h,i]perylene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Benzo[k]fluoranthene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Chrysene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Dibenz(a,h)anthracene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Fluoranthene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Fluorene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Indeno[1,2,3-cd]pyrene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Naphthalene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Phenanthrene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1
Pyrene	ND		0.20		ug/L		08/06/20 07:02	08/07/20 11:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*33 - 144*	*08/06/20 07:02*	*08/07/20 11:02*	*1*
Nitrobenzene-d5 (Surr)	*84*		*28 - 139*	*08/06/20 07:02*	*08/07/20 11:02*	*1*
p-Terphenyl-d14 (Surr)	*92*		*23 - 160*	*08/06/20 07:02*	*08/07/20 11:02*	*1*

Lab Sample ID: LCS 570-86006/2-A
Matrix: Water
Analysis Batch: 86333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86006

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	2.00	2.295		ug/L		115	20 - 140
2-Methylnaphthalene	2.00	1.977		ug/L		99	21 - 140
Acenaphthene	2.00	2.114		ug/L		106	55 - 121
Acenaphthylene	2.00	2.185		ug/L		109	33 - 145
Anthracene	2.00	2.201		ug/L		110	27 - 133
Benzo[a]anthracene	2.00	2.206		ug/L		110	33 - 143
Benzo[a]pyrene	2.00	2.375		ug/L		119	17 - 163
Benzo[b]fluoranthene	2.00	2.086		ug/L		104	24 - 159
Benzo[g,h,i]perylene	2.00	2.167		ug/L		108	25 - 157
Benzo[k]fluoranthene	2.00	2.460		ug/L		123	24 - 159
Chrysene	2.00	2.252		ug/L		113	17 - 168
Dibenz(a,h)anthracene	2.00	1.930		ug/L		97	25 - 175
Fluoranthene	2.00	2.114		ug/L		106	26 - 137
Fluorene	2.00	2.086		ug/L		104	59 - 121
Indeno[1,2,3-cd]pyrene	2.00	2.037		ug/L		102	25 - 175
Naphthalene	2.00	1.920		ug/L		96	21 - 133
Phenanthrene	2.00	1.960		ug/L		98	54 - 120
Pyrene	2.00	2.076		ug/L		104	45 - 129

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCS 570-86006/2-A
Matrix: Water
Analysis Batch: 86333

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86006

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	95		33 - 144
Nitrobenzene-d5 (Surr)	94		28 - 139
p-Terphenyl-d14 (Surr)	98		23 - 160

Lab Sample ID: LCSD 570-86006/3-A
Matrix: Water
Analysis Batch: 86333

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86006

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			2.00	2.210		ug/L		111	20 - 140	4	25
2-Methylnaphthalene			2.00	1.986		ug/L		99	21 - 140	0	25
Acenaphthene			2.00	2.052		ug/L		103	55 - 121	3	25
Acenaphthylene			2.00	2.122		ug/L		106	33 - 145	3	25
Anthracene			2.00	2.220		ug/L		111	27 - 133	1	25
Benzo[a]anthracene			2.00	2.092		ug/L		105	33 - 143	5	25
Benzo[a]pyrene			2.00	2.256		ug/L		113	17 - 163	5	25
Benzo[b]fluoranthene			2.00	2.285		ug/L		114	24 - 159	9	25
Benzo[g,h,i]perylene			2.00	2.094		ug/L		105	25 - 157	3	25
Benzo[k]fluoranthene			2.00	2.135		ug/L		107	24 - 159	14	25
Chrysene			2.00	2.126		ug/L		106	17 - 168	6	25
Dibenz(a,h)anthracene			2.00	1.832		ug/L		92	25 - 175	5	25
Fluoranthene			2.00	1.991		ug/L		100	26 - 137	6	25
Fluorene			2.00	2.067		ug/L		103	59 - 121	1	25
Indeno[1,2,3-cd]pyrene			2.00	1.916		ug/L		96	25 - 175	6	25
Naphthalene			2.00	1.880		ug/L		94	21 - 133	2	25
Phenanthrene			2.00	1.931		ug/L		97	54 - 120	1	25
Pyrene			2.00	2.002		ug/L		100	45 - 129	4	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	95		33 - 144
Nitrobenzene-d5 (Surr)	85		28 - 139
p-Terphenyl-d14 (Surr)	93		23 - 160

Lab Sample ID: MB 570-86050/1-A
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
2-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Anthracene	ND		0.020	0.0013	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Benzo[a]anthracene	ND		0.020	0.0022	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Benzo[a]pyrene	ND		0.020	0.0027	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Benzo[b]fluoranthene	ND		0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Benzo[g,h,i]perylene	ND		0.020	0.0029	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Benzo[k]fluoranthene	ND		0.020	0.0032	mg/Kg		08/06/20 07:38	08/12/20 10:17	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-86050/1-A
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86050

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Dibenz(a,h)anthracene	ND		0.020	0.0021	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Fluoranthene	ND		0.020	0.0019	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Fluorene	ND		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0025	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Naphthalene	ND		0.020	0.0016	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Phenanthrene	ND		0.020	0.0017	mg/Kg		08/06/20 07:38	08/12/20 10:17	1
Pyrene	ND		0.020	0.0015	mg/Kg		08/06/20 07:38	08/12/20 10:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*22 - 130*	*08/06/20 07:38*	*08/12/20 10:17*	*1*
Nitrobenzene-d5 (Surr)	*83*		*20 - 145*	*08/06/20 07:38*	*08/12/20 10:17*	*1*
p-Terphenyl-d14 (Surr)	*100*		*33 - 147*	*08/06/20 07:38*	*08/12/20 10:17*	*1*

Lab Sample ID: LCS 570-86050/2-A
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86050

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	0.200	0.2138		mg/Kg		107	54 - 132
2-Methylnaphthalene	0.200	0.2055		mg/Kg		103	50 - 127
Acenaphthene	0.200	0.2137		mg/Kg		107	53 - 125
Acenaphthylene	0.200	0.2293		mg/Kg		115	50 - 123
Anthracene	0.200	0.2281		mg/Kg		114	50 - 132
Benzo[a]anthracene	0.200	0.2207		mg/Kg		110	50 - 133
Benzo[a]pyrene	0.200	0.2434		mg/Kg		122	50 - 134
Benzo[b]fluoranthene	0.200	0.2405		mg/Kg		120	50 - 142
Benzo[g,h,i]perylene	0.200	0.2384		mg/Kg		119	50 - 130
Benzo[k]fluoranthene	0.200	0.2401		mg/Kg		120	49 - 150
Chrysene	0.200	0.2258		mg/Kg		113	51 - 129
Dibenz(a,h)anthracene	0.200	0.2290		mg/Kg		115	50 - 133
Fluoranthene	0.200	0.2089		mg/Kg		104	55 - 127
Fluorene	0.200	0.2175		mg/Kg		109	55 - 127
Indeno[1,2,3-cd]pyrene	0.200	0.2295		mg/Kg		115	50 - 148
Naphthalene	0.200	0.1933		mg/Kg		97	51 - 129
Phenanthrene	0.200	0.2009		mg/Kg		100	50 - 122
Pyrene	0.200	0.2191		mg/Kg		110	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*100*		*22 - 130*
Nitrobenzene-d5 (Surr)	*90*		*20 - 145*
p-Terphenyl-d14 (Surr)	*102*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-86050/3-A
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86050

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			0.200	0.2257		mg/Kg		113	54 - 132	5	20
2-Methylnaphthalene			0.200	0.2133		mg/Kg		107	50 - 127	4	20
Acenaphthene			0.200	0.2256		mg/Kg		113	53 - 125	5	20
Acenaphthylene			0.200	0.2380		mg/Kg		119	50 - 123	4	20
Anthracene			0.200	0.2471		mg/Kg		124	50 - 132	8	20
Benzo[a]anthracene			0.200	0.2334		mg/Kg		117	50 - 133	6	20
Benzo[a]pyrene			0.200	0.2541		mg/Kg		127	50 - 134	4	20
Benzo[b]fluoranthene			0.200	0.2309		mg/Kg		115	50 - 142	4	20
Benzo[g,h,i]perylene			0.200	0.2569		mg/Kg		128	50 - 130	7	20
Benzo[k]fluoranthene			0.200	0.2788		mg/Kg		139	49 - 150	15	20
Chrysene			0.200	0.2377		mg/Kg		119	51 - 129	5	20
Dibenz(a,h)anthracene			0.200	0.2492		mg/Kg		125	50 - 133	8	20
Fluoranthene			0.200	0.2136		mg/Kg		107	55 - 127	2	20
Fluorene			0.200	0.2208		mg/Kg		110	55 - 127	1	20
Indeno[1,2,3-cd]pyrene			0.200	0.2472		mg/Kg		124	50 - 148	7	20
Naphthalene			0.200	0.2008		mg/Kg		100	51 - 129	4	20
Phenanthrene			0.200	0.2122		mg/Kg		106	50 - 122	5	20
Pyrene			0.200	0.2314		mg/Kg		116	50 - 134	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*103*		*22 - 130*
Nitrobenzene-d5 (Surr)	*91*		*20 - 145*
p-Terphenyl-d14 (Surr)	*105*		*33 - 147*

Lab Sample ID: 570-34864-13 MS
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 86050

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	ND		0.199	0.1545		mg/Kg		78	34 - 136
2-Methylnaphthalene	ND		0.199	0.1566		mg/Kg		79	29 - 137
Acenaphthene	ND		0.199	0.1665		mg/Kg		84	29 - 137
Acenaphthylene	ND		0.199	0.1678		mg/Kg		84	29 - 131
Anthracene	0.0017	J	0.199	0.2038		mg/Kg		101	26 - 134
Benzo[a]anthracene	0.0078	J	0.199	0.2348		mg/Kg		114	24 - 150
Benzo[a]pyrene	0.0057	J	0.199	0.2045		mg/Kg		100	29 - 149
Benzo[b]fluoranthene	0.0067	J	0.199	0.2006		mg/Kg		97	21 - 153
Benzo[g,h,i]perylene	0.015	J	0.199	0.1456		mg/Kg		65	20 - 148
Benzo[k]fluoranthene	0.0058	J	0.199	0.2064		mg/Kg		101	28 - 148
Chrysene	0.012	J	0.199	0.2244		mg/Kg		106	25 - 145
Dibenz(a,h)anthracene	ND		0.199	0.1549		mg/Kg		78	20 - 132
Fluoranthene	0.010	J	0.199	0.2174		mg/Kg		104	20 - 151
Fluorene	ND		0.199	0.1646		mg/Kg		83	36 - 132
Indeno[1,2,3-cd]pyrene	ND		0.199	0.1477		mg/Kg		74	20 - 154
Naphthalene	ND		0.199	0.1434		mg/Kg		72	20 - 150
Phenanthrene	0.012	J	0.199	0.2033		mg/Kg		96	20 - 144
Pyrene	0.014	J	0.199	0.2094		mg/Kg		98	20 - 150

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: 570-34864-13 MS
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 86050

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	73		22 - 130
Nitrobenzene-d5 (Surr)	60		20 - 145
p-Terphenyl-d14 (Surr)	97		33 - 147

Lab Sample ID: 570-34864-13 MSD
Matrix: Solid
Analysis Batch: 87235

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 86050

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene	ND		0.200	0.1606		mg/Kg		80	34 - 136	4	29
2-Methylnaphthalene	ND		0.200	0.1590		mg/Kg		80	29 - 137	2	31
Acenaphthene	ND		0.200	0.1708		mg/Kg		86	29 - 137	3	28
Acenaphthylene	ND		0.200	0.1739		mg/Kg		87	29 - 131	4	32
Anthracene	0.0017	J	0.200	0.2133		mg/Kg		106	26 - 134	5	27
Benzo[a]anthracene	0.0078	J	0.200	0.2321		mg/Kg		112	24 - 150	1	24
Benzo[a]pyrene	0.0057	J	0.200	0.1698		mg/Kg		82	29 - 149	19	22
Benzo[b]fluoranthene	0.0067	J	0.200	0.1793		mg/Kg		86	21 - 153	11	26
Benzo[g,h,i]perylene	0.015	J	0.200	0.1282		mg/Kg		57	20 - 148	13	27
Benzo[k]fluoranthene	0.0058	J	0.200	0.1668		mg/Kg		81	28 - 148	21	26
Chrysene	0.012	J	0.200	0.2149		mg/Kg		102	25 - 145	4	28
Dibenz(a,h)anthracene	ND		0.200	0.1399		mg/Kg		70	20 - 132	10	26
Fluoranthene	0.010	J	0.200	0.2313		mg/Kg		111	20 - 151	6	26
Fluorene	ND		0.200	0.1818		mg/Kg		91	36 - 132	10	27
Indeno[1,2,3-cd]pyrene	ND		0.200	0.1323		mg/Kg		66	20 - 154	11	25
Naphthalene	ND		0.200	0.1436		mg/Kg		72	20 - 150	0	33
Phenanthrene	0.012	J	0.200	0.2053		mg/Kg		97	20 - 144	1	27
Pyrene	0.014	J	0.200	0.2248		mg/Kg		106	20 - 150	7	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	72		22 - 130
Nitrobenzene-d5 (Surr)	61		20 - 145
p-Terphenyl-d14 (Surr)	101		33 - 147

Lab Sample ID: MB 570-87978/1-A
Matrix: Solid
Analysis Batch: 88278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
2-Methylnaphthalene	ND		0.020	0.0014	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Acenaphthene	ND		0.020	0.0010	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Acenaphthylene	ND		0.020	0.017	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Anthracene	ND		0.020	0.0013	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Benzo[a]anthracene	ND		0.020	0.0022	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Benzo[a]pyrene	ND		0.020	0.0027	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Benzo[b]fluoranthene	ND		0.020	0.0029	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Benzo[g,h,i]perylene	ND		0.020	0.0029	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Benzo[k]fluoranthene	ND		0.020	0.0032	mg/Kg		08/14/20 14:35	08/17/20 12:53	1

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: MB 570-87978/1-A
Matrix: Solid
Analysis Batch: 88278

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.020	0.0016	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Dibenz(a,h)anthracene	ND		0.020	0.0021	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Fluoranthene	ND		0.020	0.0019	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Fluorene	ND		0.020	0.0017	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Indeno[1,2,3-cd]pyrene	ND		0.020	0.0025	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Naphthalene	0.003429	J	0.020	0.0016	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Phenanthrene	ND		0.020	0.0017	mg/Kg		08/14/20 14:35	08/17/20 12:53	1
Pyrene	ND		0.020	0.0015	mg/Kg		08/14/20 14:35	08/17/20 12:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*22 - 130*	*08/14/20 14:35*	*08/17/20 12:53*	*1*
Nitrobenzene-d5 (Surr)	*72*		*20 - 145*	*08/14/20 14:35*	*08/17/20 12:53*	*1*
p-Terphenyl-d14 (Surr)	*80*		*33 - 147*	*08/14/20 14:35*	*08/17/20 12:53*	*1*

Lab Sample ID: LCS 570-87978/2-A
Matrix: Solid
Analysis Batch: 88278

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1-Methylnaphthalene	0.200	0.2022		mg/Kg		101	54 - 132
2-Methylnaphthalene	0.200	0.1913		mg/Kg		96	50 - 127
Acenaphthene	0.200	0.1868		mg/Kg		93	53 - 125
Acenaphthylene	0.200	0.1984		mg/Kg		99	50 - 123
Anthracene	0.200	0.1962		mg/Kg		98	50 - 132
Benzo[a]anthracene	0.200	0.1938		mg/Kg		97	50 - 133
Benzo[a]pyrene	0.200	0.2009		mg/Kg		100	50 - 134
Benzo[b]fluoranthene	0.200	0.1894		mg/Kg		95	50 - 142
Benzo[g,h,i]perylene	0.200	0.1989		mg/Kg		99	50 - 130
Benzo[k]fluoranthene	0.200	0.2144		mg/Kg		107	49 - 150
Chrysene	0.200	0.1918		mg/Kg		96	51 - 129
Dibenz(a,h)anthracene	0.200	0.1989		mg/Kg		99	50 - 133
Fluoranthene	0.200	0.1754		mg/Kg		88	55 - 127
Fluorene	0.200	0.1883		mg/Kg		94	55 - 127
Indeno[1,2,3-cd]pyrene	0.200	0.1958		mg/Kg		98	50 - 148
Naphthalene	0.200	0.1756		mg/Kg		88	51 - 129
Phenanthrene	0.200	0.1770		mg/Kg		88	50 - 122
Pyrene	0.200	0.1884		mg/Kg		94	50 - 134

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*89*		*22 - 130*
Nitrobenzene-d5 (Surr)	*79*		*20 - 145*
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*

Method: 8270C SIM - PAHs (GC/MS SIM) (Continued)

Lab Sample ID: LCSD 570-87978/3-A
Matrix: Solid
Analysis Batch: 88278

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87978

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1-Methylnaphthalene			0.200	0.1933		mg/Kg		97	54 - 132	4	20
2-Methylnaphthalene			0.200	0.1872		mg/Kg		94	50 - 127	2	20
Acenaphthene			0.200	0.1907		mg/Kg		95	53 - 125	2	20
Acenaphthylene			0.200	0.1971		mg/Kg		99	50 - 123	1	20
Anthracene			0.200	0.1889		mg/Kg		94	50 - 132	4	20
Benzo[a]anthracene			0.200	0.1923		mg/Kg		96	50 - 133	1	20
Benzo[a]pyrene			0.200	0.2038		mg/Kg		102	50 - 134	1	20
Benzo[b]fluoranthene			0.200	0.2052		mg/Kg		103	50 - 142	8	20
Benzo[g,h,i]perylene			0.200	0.2007		mg/Kg		100	50 - 130	1	20
Benzo[k]fluoranthene			0.200	0.2172		mg/Kg		109	49 - 150	1	20
Chrysene			0.200	0.1923		mg/Kg		96	51 - 129	0	20
Dibenz(a,h)anthracene			0.200	0.1976		mg/Kg		99	50 - 133	1	20
Fluoranthene			0.200	0.1724		mg/Kg		86	55 - 127	2	20
Fluorene			0.200	0.1863		mg/Kg		93	55 - 127	1	20
Indeno[1,2,3-cd]pyrene			0.200	0.1959		mg/Kg		98	50 - 148	0	20
Naphthalene			0.200	0.1787		mg/Kg		89	51 - 129	2	20
Phenanthrene			0.200	0.1725		mg/Kg		86	50 - 122	3	20
Pyrene			0.200	0.1851		mg/Kg		93	50 - 134	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*90*		*22 - 130*
Nitrobenzene-d5 (Surr)	*79*		*20 - 145*
p-Terphenyl-d14 (Surr)	*86*		*33 - 147*

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-86092/13
Matrix: Solid
Analysis Batch: 86092

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		mg/Kg			08/06/20 16:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*		*08/06/20 16:13*	*1*

Lab Sample ID: LCS 570-86092/10
Matrix: Solid
Analysis Batch: 86092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (C4-C13)			2.02	2.148		mg/Kg		106	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-86092/11
Matrix: Solid
Analysis Batch: 86092

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.02	2.281		mg/Kg		113	70 - 124	6	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*42 - 126*

Lab Sample ID: MB 570-86348/6
Matrix: Solid
Analysis Batch: 86348

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0		mg/Kg			08/07/20 13:32	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*		*08/07/20 13:32*	*20*

Lab Sample ID: LCS 570-86348/3
Matrix: Solid
Analysis Batch: 86348

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (C4-C13)			2.01	2.081		mg/Kg		103	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*

Lab Sample ID: LCSD 570-86348/4
Matrix: Solid
Analysis Batch: 86348

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.00	2.260		mg/Kg		113	70 - 124	8	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Lab Sample ID: MB 570-86819/5
Matrix: Water
Analysis Batch: 86819

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		50		ug/L			08/10/20 16:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*38 - 134*		*08/10/20 16:02*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-86819/3
Matrix: Water
Analysis Batch: 86819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (C4-C13)			2010	2121		ug/L		105	78 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*38 - 134*

Lab Sample ID: LCSD 570-86819/4
Matrix: Water
Analysis Batch: 86819

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2000	2241		ug/L		112	78 - 120	6	10

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*38 - 134*

Lab Sample ID: MB 570-87846/11
Matrix: Solid
Analysis Batch: 87846

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		2.0	1.1	mg/Kg			08/14/20 20:40	20

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*		*08/14/20 20:40*	*20*

Lab Sample ID: LCS 570-87846/3
Matrix: Solid
Analysis Batch: 87846

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (C4-C13)			2.02	2.204		mg/Kg		109	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Lab Sample ID: LCSD 570-87846/4
Matrix: Solid
Analysis Batch: 87846

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			2.02	2.359		mg/Kg		117	70 - 124	7	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-87087/1-A
Matrix: Water
Analysis Batch: 87520

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C7 as C7	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C8 as C8	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C9-C10	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C11-C12	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C13-C14	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C15-C16	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C17-C18	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C19-C20	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C21-C22	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C23-C24	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C25-C28	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C29-C32	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C33-C36	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C37-C40	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C41-C44	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
C6-C44	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1
Diesel Range Organics [C10-C28]	ND		50	17	ug/L		08/11/20 14:00	08/14/20 02:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*68 - 140*	*08/11/20 14:00*	*08/14/20 02:41*	*1*

Lab Sample ID: LCS 570-87087/2-A
Matrix: Water
Analysis Batch: 87520

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87087

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2000	2149		ug/L		107	69 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*68 - 140*

Lab Sample ID: LCSD 570-87087/3-A
Matrix: Water
Analysis Batch: 87520

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87087

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2000	2161		ug/L		108	69 - 123	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*90*		*68 - 140*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-87914/1-A
Matrix: Solid
Analysis Batch: 87838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87914

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C7 as C7	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C8 as C8	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C9-C10	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C11-C12	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C13-C14	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C15-C16	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C17-C18	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C19-C20	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C21-C22	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C23-C24	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C25-C28	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C29-C32	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C33-C36	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C37-C40	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C41-C44	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
C6-C44	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1
Diesel Range Organics [C10-C28]	ND		5.0	3.6	mg/Kg		08/14/20 11:54	08/14/20 20:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*110*		*61 - 145*	*08/14/20 11:54*	*08/14/20 20:29*	*1*

Lab Sample ID: LCS 570-87914/2-A
Matrix: Solid
Analysis Batch: 87838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87914

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	445.2		mg/Kg		111	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*105*		*61 - 145*

Lab Sample ID: LCSD 570-87914/3-A
Matrix: Solid
Analysis Batch: 87838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87914

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	404.7		mg/Kg		101	67 - 121	10	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-34864-14 MS
Matrix: Solid
Analysis Batch: 87838

Client Sample ID: PT1419-3-3.0
Prep Type: Total/NA
Prep Batch: 87914

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	55	F2 F1	401	909.4	F1	mg/Kg		213	33 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*110*		*61 - 145*

Lab Sample ID: 570-34864-14 MSD
Matrix: Solid
Analysis Batch: 87838

Client Sample ID: PT1419-3-3.0
Prep Type: Total/NA
Prep Batch: 87914

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	55	F2 F1	383	468.5	F2	mg/Kg		108	33 - 153	64	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*109*		*61 - 145*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-85800/1-A
Matrix: Solid
Analysis Batch: 85951

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 85800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1221	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1232	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1242	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1248	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1254	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1260	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1262	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1
Aroclor-1268	ND		50		ug/Kg		08/05/20 09:45	08/05/20 23:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*91*		*25 - 126*	*08/05/20 09:45*	*08/05/20 23:38*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*20 - 155*	*08/05/20 09:45*	*08/05/20 23:38*	*1*

Lab Sample ID: LCS 570-85800/2-A
Matrix: Solid
Analysis Batch: 85951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85800

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016			100	85.28		ug/Kg		85	50 - 142
Aroclor-1260			100	80.43		ug/Kg		80	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*81*		*25 - 126*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 570-85800/2-A
Matrix: Solid
Analysis Batch: 85951

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 85800

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	84		20 - 155

Lab Sample ID: LCSD 570-85800/3-A
Matrix: Solid
Analysis Batch: 85951

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 85800

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			100	94.45		ug/Kg		94	50 - 142	10	30
Aroclor-1260			100	80.50		ug/Kg		81	50 - 150	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	82		25 - 126
DCB Decachlorobiphenyl (Surr)	85		20 - 155

Lab Sample ID: 570-34864-13 MS
Matrix: Solid
Analysis Batch: 85951

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 85800

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	ND		100	92.94		ug/Kg		93	20 - 175
Aroclor-1260	ND		100	87.78		ug/Kg		88	20 - 180

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	76		25 - 126
DCB Decachlorobiphenyl (Surr)	78		20 - 155

Lab Sample ID: 570-34864-13 MSD
Matrix: Solid
Analysis Batch: 85951

Client Sample ID: PT1419-2-1.5D
Prep Type: Total/NA
Prep Batch: 85800

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	ND		99.9	88.34		ug/Kg		88	20 - 175	5	40
Aroclor-1260	ND		99.9	85.41		ug/Kg		85	20 - 180	3	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	74		25 - 126
DCB Decachlorobiphenyl (Surr)	77		20 - 155

Lab Sample ID: MB 570-86427/1-A
Matrix: Water
Analysis Batch: 86749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1221	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1232	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1242	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1248	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-86427/1-A
Matrix: Water
Analysis Batch: 86749

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1254	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1260	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1262	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1
Aroclor-1268	ND		0.50		ug/L		08/07/20 14:04	08/10/20 10:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*97*		*20 - 139*	*08/07/20 14:04*	*08/10/20 10:16*	*1*
DCB Decachlorobiphenyl (Surr)	*59*		*20 - 154*	*08/07/20 14:04*	*08/10/20 10:16*	*1*

Lab Sample ID: LCS 570-86427/2-A
Matrix: Water
Analysis Batch: 86749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86427

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			1.00	1.237		ug/L		124	50 - 135		
Aroclor-1260			1.00	1.051		ug/L		105	50 - 135		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*97*		*20 - 139*
DCB Decachlorobiphenyl (Surr)	*43*		*20 - 154*

Lab Sample ID: LCSD 570-86427/3-A
Matrix: Water
Analysis Batch: 86749

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86427

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			1.00	1.000		ug/L		100	50 - 135	21	25
Aroclor-1260			1.00	1.072		ug/L		107	50 - 135	2	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*89*		*20 - 139*
DCB Decachlorobiphenyl (Surr)	*72*		*20 - 154*

Lab Sample ID: MB 570-87535/1-A
Matrix: Solid
Analysis Batch: 87713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87535

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	13	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1221	ND		50	13	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1232	ND		50	13	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1242	ND		50	13	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1248	ND		50	13	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1254	ND		50	15	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1260	ND		50	15	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1262	ND		50	15	ug/Kg		08/13/20 10:24	08/14/20 11:44	1
Aroclor-1268	ND		50	15	ug/Kg		08/13/20 10:24	08/14/20 11:44	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 570-87535/1-A
Matrix: Solid
Analysis Batch: 87713

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87535

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	75		25 - 126	08/13/20 10:24	08/14/20 11:44	1
DCB Decachlorobiphenyl (Surr)	73		20 - 155	08/13/20 10:24	08/14/20 11:44	1

Lab Sample ID: LCS 570-87535/4-A
Matrix: Solid
Analysis Batch: 87713

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87535

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aroclor-1016			100	73.58		ug/Kg		74	50 - 142		
Aroclor-1260			100	75.96		ug/Kg		76	50 - 150		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	67		25 - 126
DCB Decachlorobiphenyl (Surr)	65		20 - 155

Lab Sample ID: LCSD 570-87535/5-A
Matrix: Solid
Analysis Batch: 87713

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87535

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016			100	77.99		ug/Kg		78	50 - 142	6	30
Aroclor-1260			100	79.92		ug/Kg		80	50 - 150	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	71		25 - 126
DCB Decachlorobiphenyl (Surr)	68		20 - 155

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-86429/1-A
Matrix: Solid
Analysis Batch: 86694

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		10		mg/Kg			08/10/20 22:01	1

Lab Sample ID: LCS 570-86429/2-A
Matrix: Solid
Analysis Batch: 86694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			500	512.8		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 570-86429/3-A
Matrix: Solid
Analysis Batch: 86694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			500	512.5		mg/Kg		102	90 - 110	0	15

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 570-86948/5
Matrix: Solid
Analysis Batch: 86948

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/Kg			08/11/20 09:30	1

Lab Sample ID: LCS 570-86948/6
Matrix: Water
Analysis Batch: 86948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	48.58		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 570-86948/7
Matrix: Solid
Analysis Batch: 86948

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	50.0	48.55		mg/Kg		97	90 - 110	0	15

Lab Sample ID: MB 570-87210/20
Matrix: Water
Analysis Batch: 87210

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		1.0		mg/L			08/12/20 15:24	1

Lab Sample ID: LCS 570-87210/21
Matrix: Water
Analysis Batch: 87210

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.37		mg/L		101	90 - 110

Lab Sample ID: LCSD 570-87210/22
Matrix: Water
Analysis Batch: 87210

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	50.0	50.31		mg/L		101	90 - 110	0	15

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: MB 570-85446/5
Matrix: Water
Analysis Batch: 85446

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		1.0		ug/L			08/04/20 09:03	1

Method: 7199 - Chromium, Hexavalent (IC) (Continued)

Lab Sample ID: LCS 570-85446/6
Matrix: Water
Analysis Batch: 85446

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			50.1	49.08		ug/L		98	80 - 120		

Lab Sample ID: LCSD 570-85446/7
Matrix: Water
Analysis Batch: 85446

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent			50.1	49.23		ug/L		98	80 - 120	0	20

Lab Sample ID: 570-34864-1 MS
Matrix: Water
Analysis Batch: 85446

Client Sample ID: TK130-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent	5.3		100	102.0		ug/L		97	70 - 130		

Lab Sample ID: 570-34864-1 MSD
Matrix: Water
Analysis Batch: 85446

Client Sample ID: TK130-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent	5.3		100	102.8		ug/L		97	70 - 130	1	25

Lab Sample ID: MB 570-86588/5
Matrix: Solid
Analysis Batch: 86588

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		1.0	0.066	ug/L			08/08/20 11:55	1

Lab Sample ID: LCS 570-86588/6
Matrix: Solid
Analysis Batch: 86588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			50.1	51.33		ug/L		103	80 - 120		

Lab Sample ID: LCSD 570-86588/7
Matrix: Solid
Analysis Batch: 86588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent			50.1	53.50		ug/L		107	80 - 120	4	20

Lab Sample ID: MB 570-86762/1-A
Matrix: Solid
Analysis Batch: 86708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86762

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/10/20 10:15	08/10/20 11:44	10

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: LCS 570-86762/2-A
Matrix: Solid
Analysis Batch: 86708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86762

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			20000	19110		ug/Kg		95	80 - 120		

Lab Sample ID: LCSD 570-86762/3-A
Matrix: Solid
Analysis Batch: 86708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86762

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent			20000	18060		ug/Kg		90	80 - 120	6	20

Lab Sample ID: MB 570-87126/1-A
Matrix: Solid
Analysis Batch: 87201

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87126

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		400		ug/Kg		08/11/20 15:41	08/12/20 19:05	10

Lab Sample ID: LCS 570-87126/2-A
Matrix: Solid
Analysis Batch: 87201

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87126

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			20000	19190		ug/Kg		96	80 - 120		

Lab Sample ID: LCSD 570-87126/3-A
Matrix: Solid
Analysis Batch: 87201

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87126

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent			20000	19240		ug/Kg		96	80 - 120	0	20

Lab Sample ID: LB 570-87963/1-A
Matrix: Solid
Analysis Batch: 88148

Client Sample ID: Method Blank
Prep Type: TCLP

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium, hexavalent	ND		1.0	0.066	ug/L			08/15/20 15:07	1

Lab Sample ID: LCS 570-87963/2-A
Matrix: Solid
Analysis Batch: 88148

Client Sample ID: Lab Control Sample
Prep Type: TCLP

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chromium, hexavalent			50.1	47.16		ug/L		94	80 - 120		

Lab Sample ID: LCSD 570-87963/3-A
Matrix: Solid
Analysis Batch: 88148

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent			50.1	47.59		ug/L		95	80 - 120	1	20

Method: 7199 - Chromium, Hexavalent (IC)

Lab Sample ID: 570-34864-31 MS
Matrix: Solid
Analysis Batch: 88148

Client Sample ID: CT814
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	0.17	J	50.1	48.16		ug/L		96	70 - 130

Lab Sample ID: 570-34864-31 MSD
Matrix: Solid
Analysis Batch: 88148

Client Sample ID: CT814
Prep Type: TCLP

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent	0.17	J	50.1	47.65		ug/L		95	70 - 130	1	25

Lab Sample ID: 570-34864-31 MS
Matrix: Solid
Analysis Batch: 86588

Client Sample ID: CT814
Prep Type: STLC DI

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium, hexavalent	ND		50.1	47.37		ug/L		95	70 - 130

Lab Sample ID: 570-34864-31 MSD
Matrix: Solid
Analysis Batch: 86588

Client Sample ID: CT814
Prep Type: STLC DI

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium, hexavalent	ND		50.1	48.13		ug/L		96	70 - 130	2	25

Method: 8315A - Carbonyl Compounds (HPLC)

Lab Sample ID: MB 440-619617/1-A
Matrix: Water
Analysis Batch: 619672

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 619617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 12:33	1
Chloracetaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 12:33	1
Formaldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 12:33	1
Glutaraldehyde	ND		0.010		mg/L		08/06/20 04:43	08/06/20 12:33	1

Lab Sample ID: LCS 440-619617/2-A
Matrix: Water
Analysis Batch: 619672

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 619617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetaldehyde	0.0500	0.04960		mg/L		99	48 - 144
Chloracetaldehyde	0.0500	0.05583		mg/L		112	52 - 150
Formaldehyde	0.0500	0.05452		mg/L		109	70 - 129
Glutaraldehyde	0.0500	0.04634		mg/L		93	40 - 160

Method: 8315A - Carbonyl Compounds (HPLC) (Continued)

Lab Sample ID: MB 440-620197/1-B
Matrix: Solid
Analysis Batch: 620379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 620298

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 12:15	1
Chloracetaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 12:15	1
Formaldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 12:15	1
Glutaraldehyde	ND		1.0		mg/Kg		08/12/20 04:24	08/12/20 12:15	1

Lab Sample ID: LCS 440-620197/2-B
Matrix: Solid
Analysis Batch: 620379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 620298

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetaldehyde	5.00	3.173		mg/Kg		63	48 - 144
Chloracetaldehyde	5.00	5.392		mg/Kg		108	52 - 150
Formaldehyde	5.00	5.051		mg/Kg		101	70 - 129
Glutaraldehyde	5.00	4.839		mg/Kg		97	40 - 160

Lab Sample ID: 570-34864-24 MS
Matrix: Solid
Analysis Batch: 620379

Client Sample ID: SF1530-1-0.5
Prep Type: Total/NA
Prep Batch: 620298

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acetaldehyde	ND		5.00	3.230		mg/Kg		65	50 - 150
Chloracetaldehyde	ND		5.00	5.221		mg/Kg		104	50 - 150
Formaldehyde	1.6		5.00	5.671		mg/Kg		81	50 - 150
Glutaraldehyde	ND		5.00	4.118		mg/Kg		82	50 - 150

Lab Sample ID: 570-34864-24 MSD
Matrix: Solid
Analysis Batch: 620379

Client Sample ID: SF1530-1-0.5
Prep Type: Total/NA
Prep Batch: 620298

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acetaldehyde	ND		5.00	3.133		mg/Kg		63	50 - 150	3	20
Chloracetaldehyde	ND		5.00	5.219		mg/Kg		104	50 - 150	0	20
Formaldehyde	1.6		5.00	5.789		mg/Kg		83	50 - 150	2	20
Glutaraldehyde	ND		5.00	3.974		mg/Kg		79	50 - 150	4	20

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-86234/1-A
Matrix: Solid
Analysis Batch: 86837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.5814	J	2.49	0.356	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Sulfur	ND	L	4.98	0.794	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Antimony	ND		0.746	0.148	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Arsenic	0.2796	J	0.746	0.258	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Barium	ND		0.498	0.153	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Beryllium	ND		0.249	0.136	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Cadmium	ND		0.498	0.134	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Chromium	ND		0.249	0.141	mg/Kg		08/06/20 18:00	08/10/20 09:34	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-86234/1-A
Matrix: Solid
Analysis Batch: 86837

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86234

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	ND		0.249	0.147	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Copper	ND		0.498	0.134	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Lead	ND		0.498	0.131	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Boron	1.630	J	1.99	0.447	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Molybdenum	ND		0.249	0.131	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Nickel	ND		0.249	0.144	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Calcium	ND		4.98	0.379	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Iron	0.2720	J	4.98	0.132	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Selenium	ND		0.746	0.299	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Magnesium	ND		4.98	0.168	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Manganese	ND	L	0.249	0.138	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Silver	ND		0.249	0.0853	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Phosphorus	0.6073	J	4.98	0.249	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Potassium	ND		24.9	1.74	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Silicon	ND		4.98	1.31	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Thallium	ND		0.746	0.151	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Sodium	ND		24.9	1.81	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Tin	ND		2.49	0.148	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Strontium	ND		1.49	0.137	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Titanium	ND		1.49	0.137	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Vanadium	ND		0.249	0.140	mg/Kg		08/06/20 18:00	08/10/20 09:34	1
Zinc	ND		0.995	0.177	mg/Kg		08/06/20 18:00	08/10/20 09:34	1

Lab Sample ID: LCS 570-86234/2-A
Matrix: Solid
Analysis Batch: 86837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24.6	25.30		mg/Kg		103	80 - 120
Sulfur	24.6	25.17		mg/Kg		102	80 - 120
Antimony	24.6	23.57		mg/Kg		96	80 - 120
Arsenic	24.6	23.91		mg/Kg		97	80 - 120
Barium	24.6	25.96		mg/Kg		105	80 - 120
Beryllium	24.6	23.88		mg/Kg		97	80 - 120
Cadmium	24.6	24.43		mg/Kg		99	80 - 120
Chromium	24.6	24.85		mg/Kg		101	80 - 120
Cobalt	24.6	24.60		mg/Kg		100	80 - 120
Copper	24.6	25.76		mg/Kg		105	80 - 120
Lead	24.6	25.42		mg/Kg		103	80 - 120
Boron	24.6	25.16		mg/Kg		102	80 - 120
Molybdenum	24.6	23.25		mg/Kg		94	80 - 120
Nickel	24.6	25.30		mg/Kg		103	80 - 120
Calcium	24.6	24.11		mg/Kg		98	80 - 120
Iron	24.6	26.36		mg/Kg		107	80 - 120
Selenium	24.6	23.32		mg/Kg		95	80 - 120
Magnesium	24.6	24.25		mg/Kg		98	80 - 120
Manganese	24.6	24.76		mg/Kg		101	80 - 120
Silver	12.3	12.80		mg/Kg		104	80 - 120
Phosphorus	24.6	24.46		mg/Kg		99	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-86234/2-A
Matrix: Solid
Analysis Batch: 86837

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86234

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Potassium	246	250.2		mg/Kg		102	80 - 120
Silicon	24.6	22.12		mg/Kg		90	80 - 120
Thallium	24.6	24.31		mg/Kg		99	80 - 120
Sodium	246	244.8		mg/Kg		99	80 - 120
Tin	24.6	25.97		mg/Kg		105	80 - 120
Strontium	24.6	24.28		mg/Kg		99	80 - 120
Titanium	24.6	24.72		mg/Kg		100	80 - 120
Vanadium	24.6	24.14		mg/Kg		98	80 - 120
Zinc	24.6	25.13		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 570-86234/3-A
Matrix: Solid
Analysis Batch: 86837

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86234

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	25.1	25.59		mg/Kg		102	80 - 120	1	20
Sulfur	25.1	26.50		mg/Kg		105	80 - 120	5	20
Antimony	25.1	24.69		mg/Kg		98	80 - 120	5	20
Arsenic	25.1	24.62		mg/Kg		98	80 - 120	3	20
Barium	25.1	26.40		mg/Kg		105	80 - 120	2	20
Beryllium	25.1	24.55		mg/Kg		98	80 - 120	3	20
Cadmium	25.1	25.22		mg/Kg		100	80 - 120	3	20
Chromium	25.1	25.24		mg/Kg		100	80 - 120	2	20
Cobalt	25.1	25.45		mg/Kg		101	80 - 120	3	20
Copper	25.1	26.36		mg/Kg		105	80 - 120	2	20
Lead	25.1	25.97		mg/Kg		103	80 - 120	2	20
Boron	25.1	26.33		mg/Kg		105	80 - 120	5	20
Molybdenum	25.1	24.34		mg/Kg		97	80 - 120	5	20
Nickel	25.1	26.16		mg/Kg		104	80 - 120	3	20
Calcium	25.1	24.32		mg/Kg		97	80 - 120	1	20
Iron	25.1	25.73		mg/Kg		102	80 - 120	2	20
Selenium	25.1	24.66		mg/Kg		98	80 - 120	6	20
Magnesium	25.1	24.71		mg/Kg		98	80 - 120	2	20
Manganese	25.1	25.17		mg/Kg		100	80 - 120	2	20
Silver	12.6	13.12		mg/Kg		104	80 - 120	2	20
Phosphorus	25.1	26.75		mg/Kg		106	80 - 120	9	20
Potassium	251	258.2		mg/Kg		103	80 - 120	3	20
Silicon	25.1	22.87		mg/Kg		91	80 - 120	3	20
Thallium	25.1	25.17		mg/Kg		100	80 - 120	3	20
Sodium	251	249.0		mg/Kg		99	80 - 120	2	20
Tin	25.1	27.21		mg/Kg		108	80 - 120	5	20
Strontium	25.1	24.92		mg/Kg		99	80 - 120	3	20
Titanium	25.1	24.96		mg/Kg		99	80 - 120	1	20
Vanadium	25.1	24.65		mg/Kg		98	80 - 120	2	20
Zinc	25.1	26.02		mg/Kg		104	80 - 120	3	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-86448/1-A
Matrix: Water
Analysis Batch: 86600

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86448

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Sulfur	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:16	1
Antimony	ND		0.100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Arsenic	ND		0.100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Barium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Beryllium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Cadmium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Chromium	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Cobalt	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Copper	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Lead	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Boron	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Molybdenum	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Nickel	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Calcium	ND		2.00		mg/L		08/07/20 15:19	08/07/20 23:16	1
Iron	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Selenium	ND		0.100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Magnesium	ND		0.500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Manganese	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Silver	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Phosphorus	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:16	1
Potassium	ND		2.00		mg/L		08/07/20 15:19	08/07/20 23:16	1
Silicon	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:16	1
Thallium	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Sodium	ND		2.00		mg/L		08/07/20 15:19	08/07/20 23:16	1
Strontium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Titanium	ND		0.0500		mg/L		08/07/20 15:19	08/07/20 23:16	1
Vanadium	ND		0.0100		mg/L		08/07/20 15:19	08/07/20 23:16	1
Zinc	ND		0.250		mg/L		08/07/20 15:19	08/07/20 23:16	1

Lab Sample ID: LCS 570-86448/2-A
Matrix: Water
Analysis Batch: 86600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	0.500	0.5090		mg/L		102	80 - 120
Sulfur	0.500	0.5385		mg/L		108	80 - 120
Antimony	0.500	0.4904		mg/L		98	80 - 120
Arsenic	0.500	0.4733		mg/L		95	80 - 120
Barium	0.500	0.5264		mg/L		105	80 - 120
Beryllium	0.500	0.4993		mg/L		100	80 - 120
Cadmium	0.500	0.5054		mg/L		101	80 - 120
Chromium	0.500	0.5052		mg/L		101	80 - 120
Cobalt	0.500	0.5158		mg/L		103	80 - 120
Copper	0.500	0.5270		mg/L		105	80 - 120
Lead	0.500	0.5247		mg/L		105	80 - 120
Boron	0.500	0.4903	J	mg/L		98	80 - 120
Molybdenum	0.500	0.4833		mg/L		97	80 - 120
Nickel	0.500	0.5326		mg/L		107	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-86448/2-A
Matrix: Water
Analysis Batch: 86600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86448

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	0.500	0.5558	J	mg/L		111	80 - 120
Iron	0.500	0.5278		mg/L		106	80 - 120
Selenium	0.500	0.4755		mg/L		95	80 - 120
Magnesium	0.500	0.5129		mg/L		103	80 - 120
Manganese	0.500	0.5081		mg/L		102	80 - 120
Silver	0.250	0.2663		mg/L		107	80 - 120
Phosphorus	0.500	0.5117		mg/L		102	80 - 120
Potassium	5.00	4.937		mg/L		99	80 - 120
Silicon	0.500	0.4331		mg/L		87	80 - 120
Thallium	0.500	0.5059		mg/L		101	80 - 120
Sodium	5.00	5.541		mg/L		111	80 - 120
Strontium	0.500	0.4989		mg/L		100	80 - 120
Titanium	0.500	0.4874		mg/L		97	80 - 120
Vanadium	0.500	0.4947		mg/L		99	80 - 120
Zinc	0.500	0.5257		mg/L		105	80 - 120

Lab Sample ID: LCSD 570-86448/3-A
Matrix: Water
Analysis Batch: 86600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86448

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	0.500	0.5078		mg/L		102	80 - 120	0	20
Sulfur	0.500	0.4778		mg/L		96	80 - 120	12	20
Antimony	0.500	0.4917		mg/L		98	80 - 120	0	20
Arsenic	0.500	0.4867		mg/L		97	80 - 120	3	20
Barium	0.500	0.5213		mg/L		104	80 - 120	1	20
Beryllium	0.500	0.4904		mg/L		98	80 - 120	2	20
Cadmium	0.500	0.5063		mg/L		101	80 - 120	0	20
Chromium	0.500	0.5006		mg/L		100	80 - 120	1	20
Cobalt	0.500	0.5181		mg/L		104	80 - 120	0	20
Copper	0.500	0.5260		mg/L		105	80 - 120	0	20
Lead	0.500	0.5263		mg/L		105	80 - 120	0	20
Boron	0.500	0.4884	J	mg/L		98	80 - 120	0	20
Molybdenum	0.500	0.4895		mg/L		98	80 - 120	1	20
Nickel	0.500	0.5284		mg/L		106	80 - 120	1	20
Calcium	0.500	0.5221	J	mg/L		104	80 - 120	6	20
Iron	0.500	0.5281		mg/L		106	80 - 120	0	20
Selenium	0.500	0.4875		mg/L		97	80 - 120	2	20
Magnesium	0.500	0.5096		mg/L		102	80 - 120	1	20
Manganese	0.500	0.5032		mg/L		101	80 - 120	1	20
Silver	0.250	0.2639		mg/L		106	80 - 120	1	20
Phosphorus	0.500	0.4864		mg/L		97	80 - 120	5	20
Potassium	5.00	4.913		mg/L		98	80 - 120	0	20
Silicon	0.500	0.4319		mg/L		86	80 - 120	0	20
Thallium	0.500	0.5138		mg/L		103	80 - 120	2	20
Sodium	5.00	5.515		mg/L		110	80 - 120	0	20
Strontium	0.500	0.4964		mg/L		99	80 - 120	0	20
Titanium	0.500	0.4913		mg/L		98	80 - 120	1	20
Vanadium	0.500	0.4929		mg/L		99	80 - 120	0	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-86448/3-A
Matrix: Water
Analysis Batch: 86600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86448

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc			0.500	0.5229		mg/L		105	80 - 120	1	20

Lab Sample ID: MB 570-87451/1-A
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87451

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		2.46	0.353	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Sulfur	1.188	J	4.93	0.786	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Antimony	ND		0.739	0.147	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Arsenic	ND		0.739	0.255	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Barium	ND		0.493	0.152	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Beryllium	ND		0.246	0.135	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Cadmium	ND		0.493	0.133	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Chromium	ND		0.246	0.140	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Cobalt	ND		0.246	0.146	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Copper	ND		0.493	0.133	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Lead	ND		0.493	0.130	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Boron	0.5516	J	1.97	0.442	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Molybdenum	ND		0.246	0.130	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Nickel	ND		0.246	0.143	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Calcium	ND		4.93	0.375	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Iron	ND		4.93	0.131	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Selenium	ND		0.739	0.296	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Magnesium	ND		4.93	0.167	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Manganese	ND		0.246	0.137	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Silver	ND		0.246	0.0844	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Phosphorus	0.7693	J	4.93	0.246	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Potassium	ND		24.6	1.72	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Silicon	ND		4.93	1.30	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Thallium	ND		0.739	0.150	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Sodium	1.805	J	24.6	1.79	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Tin	ND		2.46	0.147	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Strontium	ND		1.48	0.136	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Titanium	ND		1.48	0.136	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Vanadium	ND		0.246	0.139	mg/Kg		08/12/20 20:30	08/13/20 12:40	1
Zinc	ND		0.985	0.175	mg/Kg		08/12/20 20:30	08/13/20 12:40	1

Lab Sample ID: LCS 570-87451/2-A
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	24.9	23.91		mg/Kg		96	80 - 120
Sulfur	24.9	29.28		mg/Kg		118	80 - 120
Antimony	24.9	23.12		mg/Kg		93	80 - 120
Arsenic	24.9	23.27		mg/Kg		94	80 - 120
Barium	24.9	25.84		mg/Kg		104	80 - 120
Beryllium	24.9	23.95		mg/Kg		96	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-87451/2-A
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cadmium	24.9	24.30		mg/Kg		98	80 - 120
Chromium	24.9	24.49		mg/Kg		98	80 - 120
Cobalt	24.9	24.69		mg/Kg		99	80 - 120
Copper	24.9	25.66		mg/Kg		103	80 - 120
Lead	24.9	25.07		mg/Kg		101	80 - 120
Boron	24.9	23.04		mg/Kg		93	80 - 120
Molybdenum	24.9	23.22		mg/Kg		93	80 - 120
Nickel	24.9	25.29		mg/Kg		102	80 - 120
Calcium	24.9	23.39		mg/Kg		94	80 - 120
Iron	24.9	24.52		mg/Kg		99	80 - 120
Selenium	24.9	22.01		mg/Kg		88	80 - 120
Magnesium	24.9	24.64		mg/Kg		99	80 - 120
Manganese	24.9	24.48		mg/Kg		98	80 - 120
Silver	12.4	13.12		mg/Kg		105	80 - 120
Phosphorus	24.9	23.90		mg/Kg		96	80 - 120
Potassium	249	243.6		mg/Kg		98	80 - 120
Silicon	24.9	23.84		mg/Kg		96	80 - 120
Thallium	24.9	24.40		mg/Kg		98	80 - 120
Sodium	249	242.2		mg/Kg		97	80 - 120
Tin	24.9	25.12		mg/Kg		101	80 - 120
Strontium	24.9	24.28		mg/Kg		98	80 - 120
Titanium	24.9	24.17		mg/Kg		97	80 - 120
Vanadium	24.9	23.77		mg/Kg		96	80 - 120
Zinc	24.9	25.01		mg/Kg		101	80 - 120

Lab Sample ID: LCSD 570-87451/3-A
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	24.5	24.08		mg/Kg		98	80 - 120	1	20
Sulfur	24.5	25.82		mg/Kg		105	80 - 120	13	20
Antimony	24.5	23.87		mg/Kg		97	80 - 120	3	20
Arsenic	24.5	23.80		mg/Kg		97	80 - 120	2	20
Barium	24.5	26.09		mg/Kg		106	80 - 120	1	20
Beryllium	24.5	24.00		mg/Kg		98	80 - 120	0	20
Cadmium	24.5	24.33		mg/Kg		99	80 - 120	0	20
Chromium	24.5	24.62		mg/Kg		100	80 - 120	1	20
Cobalt	24.5	24.60		mg/Kg		100	80 - 120	0	20
Copper	24.5	25.77		mg/Kg		105	80 - 120	0	20
Lead	24.5	25.28		mg/Kg		103	80 - 120	1	20
Boron	24.5	23.48		mg/Kg		96	80 - 120	2	20
Molybdenum	24.5	23.49		mg/Kg		96	80 - 120	1	20
Nickel	24.5	25.27		mg/Kg		103	80 - 120	0	20
Calcium	24.5	22.94		mg/Kg		94	80 - 120	2	20
Iron	24.5	24.45		mg/Kg		100	80 - 120	0	20
Selenium	24.5	23.22		mg/Kg		95	80 - 120	5	20
Magnesium	24.5	24.77		mg/Kg		101	80 - 120	1	20
Manganese	24.5	24.62		mg/Kg		100	80 - 120	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-87451/3-A
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87451

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver			12.3	13.15		mg/Kg		107	80 - 120	0	20
Phosphorus			24.5	24.51		mg/Kg		100	80 - 120	3	20
Potassium			245	239.4		mg/Kg		98	80 - 120	2	20
Silicon			24.5	23.80		mg/Kg		97	80 - 120	0	20
Thallium			24.5	24.50		mg/Kg		100	80 - 120	0	20
Sodium			245	236.0		mg/Kg		96	80 - 120	3	20
Tin			24.5	25.22		mg/Kg		103	80 - 120	0	20
Strontium			24.5	23.94		mg/Kg		98	80 - 120	1	20
Titanium			24.5	24.30		mg/Kg		99	80 - 120	1	20
Vanadium			24.5	23.91		mg/Kg		98	80 - 120	1	20
Zinc			24.5	25.15		mg/Kg		103	80 - 120	1	20

Lab Sample ID: 570-34864-11 MS
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: PT1419-1-0.5
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Aluminum	7170		24.9	6822	4	mg/Kg		-1389	75 - 125
Aluminum	7170		24.9	6822	4	mg/Kg		-1389	75 - 125
Sulfur	152	B	24.9	179.1	4	mg/Kg		107	75 - 125
Sulfur	152	B	24.9	179.1	4	mg/Kg		107	75 - 125
Antimony	ND	L F1	24.9	9.043	F1	mg/Kg		36	50 - 115
Antimony	ND	L F1	24.9	9.043	F1	mg/Kg		36	50 - 115
Arsenic	8.17		24.9	32.83		mg/Kg		99	75 - 125
Arsenic	8.17		24.9	32.83		mg/Kg		99	75 - 125
Barium	220		24.9	253.9	4	mg/Kg		134	75 - 125
Barium	220		24.9	253.9	4	mg/Kg		134	75 - 125
Beryllium	1.24		24.9	27.68		mg/Kg		106	75 - 125
Beryllium	1.24		24.9	27.68		mg/Kg		106	75 - 125
Cadmium	8.65		24.9	32.98		mg/Kg		98	75 - 125
Cadmium	8.65		24.9	32.98		mg/Kg		98	75 - 125
Chromium	22.3		24.9	47.39		mg/Kg		101	75 - 125
Chromium	22.3		24.9	47.39		mg/Kg		101	75 - 125
Cobalt	8.41		24.9	32.83		mg/Kg		98	75 - 125
Cobalt	8.41		24.9	32.83		mg/Kg		98	75 - 125
Copper	44.4		24.9	70.41		mg/Kg		105	75 - 125
Copper	44.4		24.9	70.41		mg/Kg		105	75 - 125
Lead	5.62		24.9	30.53		mg/Kg		100	75 - 125
Lead	5.62		24.9	30.53		mg/Kg		100	75 - 125
Boron	ND	L F1	24.9	15.24	F1	mg/Kg		61	75 - 125
Boron	ND	L F1	24.9	15.24	F1	mg/Kg		61	75 - 125
Molybdenum	25.8		24.9	47.42		mg/Kg		87	75 - 125
Molybdenum	25.8		24.9	47.42		mg/Kg		87	75 - 125
Nickel	86.4		24.9	113.3		mg/Kg		108	75 - 125
Nickel	86.4		24.9	113.3		mg/Kg		108	75 - 125
Calcium	19200		24.9	16430	4	mg/Kg		-11171	75 - 125
Calcium	19200		24.9	16430	4	mg/Kg		-11171	75 - 125
Iron	19200		24.9	18290	4	mg/Kg		-3578	75 - 125
Iron	19200		24.9	18290	4	mg/Kg		-3578	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-34864-11 MS
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: PT1419-1-0.5
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Selenium	ND	L	24.9	22.23		mg/Kg		89	75 - 125
Selenium	ND	L	24.9	22.23		mg/Kg		89	75 - 125
Magnesium	4680		24.9	4389	4	mg/Kg		-1166	75 - 125
Magnesium	4680		24.9	4389	4	mg/Kg		-1166	75 - 125
Manganese	276		24.9	304.5	4	mg/Kg		115	75 - 125
Manganese	276		24.9	304.5	4	mg/Kg		115	75 - 125
Silver	0.132	J	12.4	12.55		mg/Kg		100	75 - 125
Silver	0.132	J	12.4	12.55		mg/Kg		100	75 - 125
Phosphorus	1760	B	24.9	1668	4	mg/Kg		-358	75 - 125
Phosphorus	1760	B	24.9	1668	4	mg/Kg		-358	75 - 125
Potassium	2880		249	2947	4	mg/Kg		25	75 - 125
Potassium	2880		249	2947	4	mg/Kg		25	75 - 125
Silicon	94.3	F1	24.9	134.0	F1	mg/Kg		160	75 - 125
Silicon	94.3	F1	24.9	134.0	F1	mg/Kg		160	75 - 125
Thallium	ND		24.9	22.36		mg/Kg		90	75 - 125
Thallium	ND		24.9	22.36		mg/Kg		90	75 - 125
Sodium	346	B	249	571.6		mg/Kg		91	75 - 125
Sodium	346	B	249	571.6		mg/Kg		91	75 - 125
Tin	ND	L F1	24.9	17.96	F1	mg/Kg		72	75 - 125
Tin	ND	L F1	24.9	17.96	F1	mg/Kg		72	75 - 125
Strontium	74.7	F1	24.9	91.57	F1	mg/Kg		68	75 - 125
Strontium	74.7	F1	24.9	91.57	F1	mg/Kg		68	75 - 125
Titanium	254		24.9	261.0	4	mg/Kg		27	75 - 125
Titanium	254		24.9	261.0	4	mg/Kg		27	75 - 125
Vanadium	113		24.9	139.8	4	mg/Kg		110	75 - 125
Vanadium	113		24.9	139.8	4	mg/Kg		110	75 - 125
Zinc	128		24.9	149.6	4	mg/Kg		86	75 - 125
Zinc	128		24.9	149.6	4	mg/Kg		86	75 - 125

Lab Sample ID: 570-34864-11 MSD
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: PT1419-1-0.5
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aluminum	7170		24.8	6818	4	mg/Kg		-1412	75 - 125	0	20
Aluminum	7170		24.8	6818	4	mg/Kg		-1412	75 - 125	0	20
Sulfur	152	B	24.8	183.1	4	mg/Kg		124	75 - 125	2	20
Sulfur	152	B	24.8	183.1	4	mg/Kg		124	75 - 125	2	20
Antimony	ND	L F1	24.8	9.770	F1	mg/Kg		39	50 - 115	8	20
Antimony	ND	L F1	24.8	9.770	F1	mg/Kg		39	50 - 115	8	20
Arsenic	8.17		24.8	32.67		mg/Kg		99	75 - 125	0	20
Arsenic	8.17		24.8	32.67		mg/Kg		99	75 - 125	0	20
Barium	220		24.8	251.6	4	mg/Kg		126	75 - 125	1	20
Barium	220		24.8	251.6	4	mg/Kg		126	75 - 125	1	20
Beryllium	1.24		24.8	27.66		mg/Kg		107	75 - 125	0	20
Beryllium	1.24		24.8	27.66		mg/Kg		107	75 - 125	0	20
Cadmium	8.65		24.8	33.10		mg/Kg		99	75 - 125	0	20
Cadmium	8.65		24.8	33.10		mg/Kg		99	75 - 125	0	20
Chromium	22.3		24.8	46.98		mg/Kg		100	75 - 125	1	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-34864-11 MSD
Matrix: Solid
Analysis Batch: 87687

Client Sample ID: PT1419-1-0.5
Prep Type: Total/NA
Prep Batch: 87451

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	22.3		24.8	46.98		mg/Kg		100	75 - 125	1	20
Cobalt	8.41		24.8	32.98		mg/Kg		99	75 - 125	0	20
Cobalt	8.41		24.8	32.98		mg/Kg		99	75 - 125	0	20
Copper	44.4		24.8	70.10		mg/Kg		104	75 - 125	0	20
Copper	44.4		24.8	70.10		mg/Kg		104	75 - 125	0	20
Lead	5.62		24.8	30.61		mg/Kg		101	75 - 125	0	20
Lead	5.62		24.8	30.61		mg/Kg		101	75 - 125	0	20
Boron	ND	L F1	24.8	15.56	F1	mg/Kg		63	75 - 125	2	20
Boron	ND	L F1	24.8	15.56	F1	mg/Kg		63	75 - 125	2	20
Molybdenum	25.8		24.8	47.61		mg/Kg		88	75 - 125	0	20
Molybdenum	25.8		24.8	47.61		mg/Kg		88	75 - 125	0	20
Nickel	86.4		24.8	112.1		mg/Kg		104	75 - 125	1	20
Nickel	86.4		24.8	112.1		mg/Kg		104	75 - 125	1	20
Calcium	19200		24.8	16760	4	mg/Kg		-9891	75 - 125	2	20
Calcium	19200		24.8	16760	4	mg/Kg		-9891	75 - 125	2	20
Iron	19200		24.8	18260	4	mg/Kg		-3696	75 - 125	0	20
Iron	19200		24.8	18260	4	mg/Kg		-3696	75 - 125	0	20
Selenium	ND	L	24.8	20.37		mg/Kg		82	75 - 125	9	20
Selenium	ND	L	24.8	20.37		mg/Kg		82	75 - 125	9	20
Magnesium	4680		24.8	4337	4	mg/Kg		-1382	75 - 125	1	20
Magnesium	4680		24.8	4337	4	mg/Kg		-1382	75 - 125	1	20
Manganese	276		24.8	304.0	4	mg/Kg		113	75 - 125	0	20
Manganese	276		24.8	304.0	4	mg/Kg		113	75 - 125	0	20
Silver	0.132	J	12.4	12.38		mg/Kg		99	75 - 125	1	20
Silver	0.132	J	12.4	12.38		mg/Kg		99	75 - 125	1	20
Phosphorus	1760	B	24.8	1673	4	mg/Kg		-337	75 - 125	0	20
Phosphorus	1760	B	24.8	1673	4	mg/Kg		-337	75 - 125	0	20
Potassium	2880		248	3003	4	mg/Kg		48	75 - 125	2	20
Potassium	2880		248	3003	4	mg/Kg		48	75 - 125	2	20
Silicon	94.3	F1	24.8	133.0	F1	mg/Kg		157	75 - 125	1	20
Silicon	94.3	F1	24.8	133.0	F1	mg/Kg		157	75 - 125	1	20
Thallium	ND		24.8	21.84		mg/Kg		88	75 - 125	2	20
Thallium	ND		24.8	21.84		mg/Kg		88	75 - 125	2	20
Sodium	346	B	248	577.6		mg/Kg		94	75 - 125	1	20
Sodium	346	B	248	577.6		mg/Kg		94	75 - 125	1	20
Tin	ND	L F1	24.8	16.82	F1	mg/Kg		68	75 - 125	7	20
Tin	ND	L F1	24.8	16.82	F1	mg/Kg		68	75 - 125	7	20
Strontium	74.7	F1	24.8	93.00	F1	mg/Kg		74	75 - 125	2	20
Strontium	74.7	F1	24.8	93.00	F1	mg/Kg		74	75 - 125	2	20
Titanium	254		24.8	260.6	4	mg/Kg		25	75 - 125	0	20
Titanium	254		24.8	260.6	4	mg/Kg		25	75 - 125	0	20
Vanadium	113		24.8	138.2	4	mg/Kg		103	75 - 125	1	20
Vanadium	113		24.8	138.2	4	mg/Kg		103	75 - 125	1	20
Zinc	128		24.8	150.2	4	mg/Kg		89	75 - 125	0	20
Zinc	128		24.8	150.2	4	mg/Kg		89	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 570-86704/1-A
Matrix: Water
Analysis Batch: 86789

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86704

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.000500		mg/L		08/10/20 06:30	08/10/20 11:53	1

Lab Sample ID: LCS 570-86704/2-A
Matrix: Water
Analysis Batch: 86789

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86704

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.0100	0.01047		mg/L		105	80 - 120		

Lab Sample ID: LCSD 570-86704/3-A
Matrix: Water
Analysis Batch: 86789

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86704

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.0100	0.01054		mg/L		105	80 - 120	1	20

Lab Sample ID: 570-34864-1 MS
Matrix: Water
Analysis Batch: 86789

Client Sample ID: TK130-1
Prep Type: Total/NA
Prep Batch: 86704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.0100	0.008241		mg/L		82	55 - 133		

Lab Sample ID: 570-34864-1 MSD
Matrix: Water
Analysis Batch: 86789

Client Sample ID: TK130-1
Prep Type: Total/NA
Prep Batch: 86704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.0100	0.008246		mg/L		82	55 - 133	0	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-86237/1-A
Matrix: Solid
Analysis Batch: 86379

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 86237

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		08/06/20 18:00	08/07/20 12:29	1

Lab Sample ID: LCS 570-86237/2-A
Matrix: Solid
Analysis Batch: 86379

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 86237

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.794	0.7321		mg/Kg		92	85 - 121		

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-86237/3-A
Matrix: Solid
Analysis Batch: 86379

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 86237

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.806	0.7398		mg/Kg		92	85 - 121	1	10

Lab Sample ID: MB 570-87452/1-A
Matrix: Solid
Analysis Batch: 87916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 87452

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806	0.0131	mg/Kg		08/12/20 21:00	08/14/20 12:22	1

Lab Sample ID: LCS 570-87452/2-A
Matrix: Solid
Analysis Batch: 87916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 87452

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.820	0.7895		mg/Kg		96	85 - 121		

Lab Sample ID: LCSD 570-87452/3-A
Matrix: Solid
Analysis Batch: 87916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 87452

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.794	0.7646		mg/Kg		96	85 - 121	3	10

Lab Sample ID: 570-34864-11 MS
Matrix: Solid
Analysis Batch: 87916

Client Sample ID: PT1419-1-0.5
Prep Type: Total/NA
Prep Batch: 87452

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	0.0671	J F1	0.794	0.5124	F1	mg/Kg		56	71 - 137		

Lab Sample ID: 570-34864-11 MSD
Matrix: Solid
Analysis Batch: 87916

Client Sample ID: PT1419-1-0.5
Prep Type: Total/NA
Prep Batch: 87452

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.0671	J F1	0.806	0.5202	F1	mg/Kg		56	71 - 137	2	14

Method: LACSD 258 - Mercaptans, Total (Colorimetric)

Lab Sample ID: MB 570-85910/4
Matrix: Water
Analysis Batch: 85910

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercaptans	ND		0.200		mg/L			08/05/20 14:48	1

Method: LACSD 258 - Mercaptans, Total (Colorimetric) (Continued)

Lab Sample ID: LCS 570-85910/5
Matrix: Water
Analysis Batch: 85910

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercaptans	2.50	2.035		mg/L		81	80 - 120

Lab Sample ID: LCSD 570-85910/6
Matrix: Water
Analysis Batch: 85910

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercaptans	2.50	2.092		mg/L		84	80 - 120	3	20

Lab Sample ID: 570-34864-1 MS
Matrix: Water
Analysis Batch: 85910

Client Sample ID: TK130-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercaptans	ND		2.50	2.087		mg/L		83	70 - 130

Lab Sample ID: 570-34864-1 MSD
Matrix: Water
Analysis Batch: 85910

Client Sample ID: TK130-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercaptans	ND		2.50	2.122		mg/L		85	70 - 130	2	25

Lab Sample ID: 570-34864-1 DU
Matrix: Water
Analysis Batch: 85910

Client Sample ID: TK130-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercaptans	ND		ND		mg/L		NC	25

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 440-620670/2
Matrix: Solid
Analysis Batch: 620670

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity as CaCO3	ND		496		mg/Kg			08/14/20 07:30	1
Bicarbonate Alkalinity as CaCO3	ND		496		mg/Kg			08/14/20 07:30	1
Carbonate Alkalinity as CaCO3	ND		496		mg/Kg			08/14/20 07:30	1
Hydroxide Alkalinity as CaCO3	ND		496		mg/Kg			08/14/20 07:30	1

Lab Sample ID: LCS 440-620670/1
Matrix: Solid
Analysis Batch: 620670

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity as CaCO3	1870	1879		mg/Kg		100	80 - 120

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 570-34864-24 DU
Matrix: Solid
Analysis Batch: 620670

Client Sample ID: SF1530-1-0.5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity as CaCO3	6970			7009		mg/Kg				0.6	20
Bicarbonate Alkalinity as CaCO3	6970			7009		mg/Kg				0.6	20
Carbonate Alkalinity as CaCO3	ND			ND		mg/Kg				NC	20
Hydroxide Alkalinity as CaCO3	ND			ND		mg/Kg				NC	20

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-85981/3
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	53.30		ug/Kg	107	73 - 133	63 - 143	
1,1,1-Trichloroethane	50.0	53.32		ug/Kg	107	71 - 131	61 - 141	
1,1,2,2-Tetrachloroethane	50.0	55.06		ug/Kg	110	77 - 120	70 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.92		ug/Kg	94	77 - 125	69 - 133	
1,1,2-Trichloroethane	50.0	52.12		ug/Kg	104	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	53.32		ug/Kg	107	74 - 120	66 - 128	
1,1-Dichloroethene	50.0	52.02		ug/Kg	104	71 - 125	62 - 134	
1,1-Dichloropropene	50.0	55.03		ug/Kg	110	69 - 120	61 - 129	
1,2,3-Trichlorobenzene	50.0	57.60		ug/Kg	115	73 - 127	64 - 136	
1,2,3-Trichloropropane	50.0	53.84		ug/Kg	108	60 - 120	50 - 130	
1,2,4-Trichlorobenzene	50.0	59.45		ug/Kg	119	74 - 128	65 - 137	
1,2,4-Trimethylbenzene	50.0	54.17		ug/Kg	108	75 - 123	67 - 131	
1,2-Dibromo-3-Chloropropane	50.0	52.47		ug/Kg	105	54 - 132	41 - 145	
1,2-Dibromoethane	50.0	53.14		ug/Kg	106	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	52.05		ug/Kg	104	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	49.08		ug/Kg	98	79 - 121	72 - 128	
1,2-Dichloropropane	50.0	56.26		ug/Kg	113	77 - 123	69 - 131	
1,3,5-Trimethylbenzene	50.0	54.95		ug/Kg	110	80 - 123	73 - 130	
1,3-Butadiene	50.0	37.45	*	ug/Kg	75	80 - 120	N/A	X
1,3-Dichlorobenzene	50.0	52.50		ug/Kg	105	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	51.84		ug/Kg	104	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	52.53		ug/Kg	105	80 - 120	73 - 127	
1,4-Dioxane	500	565.3		ug/Kg	113	80 - 120	73 - 127	
2,2,4-Trimethylpentane	50.0	54.42		ug/Kg	109	70 - 130	N/A	
2,2-Dichloropropane	50.0	58.21		ug/Kg	116	58 - 142	44 - 156	
2-Butanone	50.0	54.74		ug/Kg	109	56 - 176	36 - 196	
2-Chlorotoluene	50.0	54.36		ug/Kg	109	56 - 176	36 - 196	
2-Hexanone	50.0	56.93		ug/Kg	114	67 - 151	53 - 165	
2-Methyl-2-butanol (TAA)	250	280.3		ug/Kg	112	80 - 120	60 - 140	
4-Chlorotoluene	50.0	52.64		ug/Kg	105	67 - 151	53 - 165	
4-Methyl-2-pentanone	50.0	57.60		ug/Kg	115	72 - 126	63 - 135	
Acetone	50.0	58.52		ug/Kg	117	30 - 150	10 - 170	
Acetonitrile	100	106.1		ug/Kg	106	79 - 120	N/A	
Acrolein	100	121.1	*	ug/Kg	121	80 - 120	N/A	X
Acrylonitrile	50.0	53.50	J	ug/Kg	107	80 - 120	N/A	
Benzene	50.0	54.58		ug/Kg	109	79 - 120	72 - 127	
Bromobenzene	50.0	52.39		ug/Kg	105	80 - 120	73 - 127	
Bromochloromethane	50.0	51.08		ug/Kg	102	80 - 120	73 - 127	
Bromodichloromethane	50.0	54.66		ug/Kg	109	73 - 127	64 - 136	
Bromoform	50.0	48.52		ug/Kg	97	55 - 133	42 - 146	
Bromomethane	50.0	42.52		ug/Kg	85	36 - 144	18 - 162	
Carbon disulfide	50.0	49.66		ug/Kg	99	53 - 125	41 - 137	
Carbon tetrachloride	50.0	56.17		ug/Kg	112	58 - 142	44 - 156	
Chlorobenzene	50.0	52.48		ug/Kg	105	80 - 120	73 - 127	
Chloroethane	50.0	53.68		ug/Kg	107	60 - 120	50 - 130	
Chloroform	50.0	54.52		ug/Kg	109	80 - 120	73 - 127	
Chloromethane	50.0	54.26		ug/Kg	109	50 - 122	38 - 134	
cis-1,2-Dichloroethene	50.0	55.53		ug/Kg	111	80 - 123	73 - 130	
cis-1,3-Dichloropropene	50.0	57.39		ug/Kg	115	74 - 128	65 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85981/3
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	51.42		ug/Kg	103	80 - 120	N/A	
Dibromochloromethane	50.0	51.27		ug/Kg	103	50 - 122	38 - 134	
Dibromomethane	50.0	53.22		ug/Kg	106	70 - 130	60 - 140	
Dichlorodifluoromethane	50.0	48.53		ug/Kg	97	32 - 158	11 - 179	
Diethyl ether	50.0	56.29		ug/Kg	113	80 - 120	73 - 127	
Di-isopropyl ether (DIPE)	50.0	55.21		ug/Kg	110	65 - 131	54 - 142	
Ethanol	500	430.6	J	ug/Kg	86	32 - 158	11 - 179	
Ethylbenzene	50.0	54.37		ug/Kg	109	57 - 153	41 - 169	
Ethyl-t-butyl ether (ETBE)	50.0	54.64		ug/Kg	109	58 - 136	45 - 149	
Hexachloro-1,3-butadiene	50.0	55.84		ug/Kg	112	80 - 120	N/A	
Hexane	50.0	51.67		ug/Kg	103	80 - 120	N/A	
Iodomethane	250	240.9		ug/Kg	96	80 - 120	N/A	
Isobutyl alcohol	250	270.1		ug/Kg	108	80 - 120	N/A	
Isopropanol	250	294.1		ug/Kg	118	80 - 120	N/A	
Isopropylbenzene	50.0	55.41		ug/Kg	111	80 - 129	72 - 137	
m,p-Xylene	100	110.5		ug/Kg	111	80 - 122	73 - 129	
Methylene Chloride	50.0	50.74		ug/Kg	101	72 - 120	64 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	52.88		ug/Kg	106	64 - 124	54 - 134	
Naphthalene	50.0	58.23		ug/Kg	116	64 - 124	54 - 134	
n-Butylbenzene	50.0	58.04		ug/Kg	116	78 - 126	70 - 134	
N-Propylbenzene	50.0	55.60		ug/Kg	111	80 - 122	73 - 129	
o-Xylene	50.0	55.55		ug/Kg	111	79 - 127	71 - 135	
p-Isopropyltoluene	50.0	56.88		ug/Kg	114	80 - 122	73 - 129	
sec-Butylbenzene	50.0	56.46		ug/Kg	113	79 - 127	71 - 135	
Styrene	50.0	54.07		ug/Kg	108	80 - 123	73 - 130	
Tert-amyl-methyl ether (TAME)	50.0	55.12		ug/Kg	110	63 - 129	52 - 140	
tert-Butyl alcohol (TBA)	250	252.8		ug/Kg	101	79 - 121	72 - 128	
tert-Butylbenzene	50.0	55.59		ug/Kg	111	80 - 128	72 - 136	
Tetrachloroethene	50.0	52.03		ug/Kg	104	75 - 123	67 - 131	
Tetrahydrofuran	50.0	54.69		ug/Kg	109	80 - 120	N/A	
Thiophene	50.0	54.27		ug/Kg	109	80 - 120	N/A	
Toluene	50.0	53.46		ug/Kg	107	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	52.37		ug/Kg	105	80 - 120	73 - 127	
trans-1,3-Dichloropropene	50.0	54.39		ug/Kg	109	66 - 120	57 - 129	
trans-1,4-Dichloro-2-butene	50.0	52.36		ug/Kg	105	80 - 120	N/A	
Trichloroethene	50.0	53.48		ug/Kg	107	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	52.13		ug/Kg	104	70 - 136	59 - 147	
Vinyl acetate	50.0	61.45		ug/Kg	123	51 - 159	N/A	
Vinyl chloride	50.0	57.54		ug/Kg	115	68 - 120	59 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	0

X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85981/4
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	52.20		ug/Kg	104	73 - 133	63 - 143	
1,1,1-Trichloroethane	50.0	51.65		ug/Kg	103	71 - 131	61 - 141	
1,1,2,2-Tetrachloroethane	50.0	55.49		ug/Kg	111	77 - 120	70 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	43.98		ug/Kg	88	77 - 125	69 - 133	
1,1,2-Trichloroethane	50.0	52.22		ug/Kg	104	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	52.04		ug/Kg	104	74 - 120	66 - 128	
1,1-Dichloroethene	50.0	49.37		ug/Kg	99	71 - 125	62 - 134	
1,1-Dichloropropene	50.0	53.45		ug/Kg	107	69 - 120	61 - 129	
1,2,3-Trichlorobenzene	50.0	58.45		ug/Kg	117	73 - 127	64 - 136	
1,2,3-Trichloropropane	50.0	53.17		ug/Kg	106	60 - 120	50 - 130	
1,2,4-Trichlorobenzene	50.0	58.21		ug/Kg	116	74 - 128	65 - 137	
1,2,4-Trimethylbenzene	50.0	53.82		ug/Kg	108	75 - 123	67 - 131	
1,2-Dibromo-3-Chloropropane	50.0	51.64		ug/Kg	103	54 - 132	41 - 145	
1,2-Dibromoethane	50.0	52.14		ug/Kg	104	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	52.79		ug/Kg	106	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	48.96		ug/Kg	98	79 - 121	72 - 128	
1,2-Dichloropropane	50.0	53.93		ug/Kg	108	77 - 123	69 - 131	
1,3,5-Trimethylbenzene	50.0	53.17		ug/Kg	106	80 - 123	73 - 130	
1,3-Butadiene	50.0	35.74	*	ug/Kg	71	80 - 120	N/A	X
1,3-Dichlorobenzene	50.0	52.26		ug/Kg	105	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	51.46		ug/Kg	103	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	51.99		ug/Kg	104	80 - 120	73 - 127	
1,4-Dioxane	500	535.6		ug/Kg	107	80 - 120	73 - 127	
2,2,4-Trimethylpentane	50.0	52.29		ug/Kg	105	70 - 130	N/A	
2,2-Dichloropropane	50.0	56.75		ug/Kg	113	58 - 142	44 - 156	
2-Butanone	50.0	55.10		ug/Kg	110	56 - 176	36 - 196	
2-Chlorotoluene	50.0	53.24		ug/Kg	106	56 - 176	36 - 196	
2-Hexanone	50.0	54.61		ug/Kg	109	67 - 151	53 - 165	
2-Methyl-2-butanol (TAA)	250	268.6		ug/Kg	107	80 - 120	60 - 140	
4-Chlorotoluene	50.0	52.65		ug/Kg	105	67 - 151	53 - 165	
4-Methyl-2-pentanone	50.0	55.57		ug/Kg	111	72 - 126	63 - 135	
Acetone	50.0	57.74		ug/Kg	115	30 - 150	10 - 170	
Acetonitrile	100	104.6		ug/Kg	105	79 - 120	N/A	
Acrolein	100	111.2		ug/Kg	111	80 - 120	N/A	
Acrylonitrile	50.0	52.44	J	ug/Kg	105	80 - 120	N/A	
Benzene	50.0	52.91		ug/Kg	106	79 - 120	72 - 127	
Bromobenzene	50.0	51.46		ug/Kg	103	80 - 120	73 - 127	
Bromochloromethane	50.0	49.02		ug/Kg	98	80 - 120	73 - 127	
Bromodichloromethane	50.0	54.30		ug/Kg	109	73 - 127	64 - 136	
Bromoform	50.0	49.35		ug/Kg	99	55 - 133	42 - 146	
Bromomethane	50.0	39.28		ug/Kg	79	36 - 144	18 - 162	
Carbon disulfide	50.0	46.86		ug/Kg	94	53 - 125	41 - 137	
Carbon tetrachloride	50.0	54.75		ug/Kg	109	58 - 142	44 - 156	
Chlorobenzene	50.0	51.06		ug/Kg	102	80 - 120	73 - 127	
Chloroethane	50.0	51.35		ug/Kg	103	60 - 120	50 - 130	
Chloroform	50.0	53.14		ug/Kg	106	80 - 120	73 - 127	
Chloromethane	50.0	53.56		ug/Kg	107	50 - 122	38 - 134	
cis-1,2-Dichloroethene	50.0	54.10		ug/Kg	108	80 - 123	73 - 130	
cis-1,3-Dichloropropene	50.0	56.68		ug/Kg	113	74 - 128	65 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85981/4
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	49.43	J	ug/Kg	99	80 - 120	N/A	
Dibromochloromethane	50.0	51.26		ug/Kg	103	50 - 122	38 - 134	
Dibromomethane	50.0	52.25		ug/Kg	104	70 - 130	60 - 140	
Dichlorodifluoromethane	50.0	46.25		ug/Kg	93	32 - 158	11 - 179	
Diethyl ether	50.0	54.99		ug/Kg	110	80 - 120	73 - 127	
Di-isopropyl ether (DIPE)	50.0	53.71		ug/Kg	107	65 - 131	54 - 142	
Ethanol	500	429.4	J	ug/Kg	86	32 - 158	11 - 179	
Ethylbenzene	50.0	52.86		ug/Kg	106	57 - 153	41 - 169	
Ethyl-t-butyl ether (ETBE)	50.0	53.32		ug/Kg	107	58 - 136	45 - 149	
Hexachloro-1,3-butadiene	50.0	53.93		ug/Kg	108	80 - 120	N/A	
Hexane	50.0	49.58		ug/Kg	99	80 - 120	N/A	
Iodomethane	250	227.3		ug/Kg	91	80 - 120	N/A	
Isobutyl alcohol	250	273.1		ug/Kg	109	80 - 120	N/A	
Isopropanol	250	285.1		ug/Kg	114	80 - 120	N/A	
Isopropylbenzene	50.0	54.03		ug/Kg	108	80 - 129	72 - 137	
m,p-Xylene	100	107.6		ug/Kg	108	80 - 122	73 - 129	
Methylene Chloride	50.0	48.62		ug/Kg	97	72 - 120	64 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	51.69		ug/Kg	103	64 - 124	54 - 134	
Naphthalene	50.0	57.32		ug/Kg	115	64 - 124	54 - 134	
n-Butylbenzene	50.0	56.52		ug/Kg	113	78 - 126	70 - 134	
N-Propylbenzene	50.0	53.88		ug/Kg	108	80 - 122	73 - 129	
o-Xylene	50.0	54.18		ug/Kg	108	79 - 127	71 - 135	
p-Isopropyltoluene	50.0	55.90		ug/Kg	112	80 - 122	73 - 129	
sec-Butylbenzene	50.0	55.41		ug/Kg	111	79 - 127	71 - 135	
Styrene	50.0	52.84		ug/Kg	106	80 - 123	73 - 130	
Tert-amyl-methyl ether (TAME)	50.0	53.63		ug/Kg	107	63 - 129	52 - 140	
tert-Butyl alcohol (TBA)	250	256.0		ug/Kg	102	79 - 121	72 - 128	
tert-Butylbenzene	50.0	54.71		ug/Kg	109	80 - 128	72 - 136	
Tetrachloroethene	50.0	50.81		ug/Kg	102	75 - 123	67 - 131	
Tetrahydrofuran	50.0	53.75		ug/Kg	107	80 - 120	N/A	
Thiophene	50.0	53.86		ug/Kg	108	80 - 120	N/A	
Toluene	50.0	52.01		ug/Kg	104	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	51.32		ug/Kg	103	80 - 120	73 - 127	
trans-1,3-Dichloropropene	50.0	53.44		ug/Kg	107	66 - 120	57 - 129	
trans-1,4-Dichloro-2-butene	50.0	49.79		ug/Kg	100	80 - 120	N/A	
Trichloroethene	50.0	52.28		ug/Kg	105	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	49.88		ug/Kg	100	70 - 136	59 - 147	
Vinyl acetate	50.0	59.34		ug/Kg	119	51 - 159	N/A	
Vinyl chloride	50.0	53.89		ug/Kg	108	68 - 120	59 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	0

X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-86028/4
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	43.50		ug/Kg	87	73 - 133	63 - 143	
1,1,1-Trichloroethane	50.0	41.87		ug/Kg	84	71 - 131	61 - 141	
1,1,2,2-Tetrachloroethane	50.0	48.51		ug/Kg	97	77 - 120	70 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	36.54	* me	ug/Kg	73	77 - 125	69 - 133	ME
1,1,2-Trichloroethane	50.0	44.83		ug/Kg	90	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	41.31		ug/Kg	83	74 - 120	66 - 128	
1,1-Dichloroethene	50.0	39.94		ug/Kg	80	71 - 125	62 - 134	
1,1-Dichloropropene	50.0	42.20		ug/Kg	84	69 - 120	61 - 129	
1,2,3-Trichlorobenzene	50.0	45.14		ug/Kg	90	73 - 127	64 - 136	
1,2,3-Trichloropropane	50.0	47.54		ug/Kg	95	60 - 120	50 - 130	
1,2,4-Trichlorobenzene	50.0	44.45		ug/Kg	89	74 - 128	65 - 137	
1,2,4-Trimethylbenzene	50.0	42.35		ug/Kg	85	75 - 123	67 - 131	
1,2-Dibromo-3-Chloropropane	50.0	47.30		ug/Kg	95	54 - 132	41 - 145	
1,2-Dibromoethane	50.0	45.42		ug/Kg	91	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	42.30		ug/Kg	85	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	42.87		ug/Kg	86	79 - 121	72 - 128	
1,2-Dichloropropane	50.0	44.26		ug/Kg	89	77 - 123	69 - 131	
1,3,5-Trimethylbenzene	50.0	41.56		ug/Kg	83	80 - 123	73 - 130	
1,3-Butadiene	50.0	27.77	*	ug/Kg	56	80 - 120	N/A	X
1,3-Dichlorobenzene	50.0	40.96		ug/Kg	82	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	43.68		ug/Kg	87	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	41.03		ug/Kg	82	80 - 120	73 - 127	
1,4-Dioxane	500	497.1		ug/Kg	99	80 - 120	73 - 127	
2,2,4-Trimethylpentane	50.0	41.13		ug/Kg	82	70 - 130	N/A	
2,2-Dichloropropane	50.0	46.79		ug/Kg	94	58 - 142	44 - 156	
2-Butanone	50.0	48.27		ug/Kg	97	56 - 176	36 - 196	
2-Chlorotoluene	50.0	41.91		ug/Kg	84	56 - 176	36 - 196	
2-Hexanone	50.0	49.41		ug/Kg	99	67 - 151	53 - 165	
2-Methyl-2-butanol (TAA)	250	265.4		ug/Kg	106	80 - 120	60 - 140	
4-Chlorotoluene	50.0	41.26		ug/Kg	83	67 - 151	53 - 165	
4-Methyl-2-pentanone	50.0	51.14		ug/Kg	102	72 - 126	63 - 135	
Acetone	50.0	48.43	J	ug/Kg	97	30 - 150	10 - 170	
Acetonitrile	100	87.42	J	ug/Kg	87	79 - 120	N/A	
Acrolein	100	101.8		ug/Kg	102	80 - 120	N/A	
Acrylonitrile	50.0	46.85	J	ug/Kg	94	80 - 120	N/A	
Benzene	50.0	42.25		ug/Kg	85	79 - 120	72 - 127	
Bromobenzene	50.0	41.73		ug/Kg	83	80 - 120	73 - 127	
Bromochloromethane	50.0	41.73		ug/Kg	83	80 - 120	73 - 127	
Bromodichloromethane	50.0	46.30		ug/Kg	93	73 - 127	64 - 136	
Bromoform	50.0	44.42		ug/Kg	89	55 - 133	42 - 146	
Bromomethane	50.0	34.77		ug/Kg	70	36 - 144	18 - 162	
Carbon disulfide	50.0	36.70		ug/Kg	73	53 - 125	41 - 137	
Carbon tetrachloride	50.0	45.46		ug/Kg	91	58 - 142	44 - 156	
Chlorobenzene	50.0	40.51		ug/Kg	81	80 - 120	73 - 127	
Chloroethane	50.0	48.64		ug/Kg	97	60 - 120	50 - 130	
Chloroform	50.0	43.26		ug/Kg	87	80 - 120	73 - 127	
Chloromethane	50.0	44.92		ug/Kg	90	50 - 122	38 - 134	
cis-1,2-Dichloroethene	50.0	42.81		ug/Kg	86	80 - 123	73 - 130	
cis-1,3-Dichloropropene	50.0	46.89		ug/Kg	94	74 - 128	65 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-86028/4
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	39.17	J *	ug/Kg	78	80 - 120	N/A	X
Dibromochloromethane	50.0	44.80		ug/Kg	90	50 - 122	38 - 134	
Dibromomethane	50.0	46.50		ug/Kg	93	70 - 130	60 - 140	
Dichlorodifluoromethane	50.0	43.09		ug/Kg	86	32 - 158	11 - 179	
Diethyl ether	50.0	47.44		ug/Kg	95	80 - 120	73 - 127	
Di-isopropyl ether (DIPE)	50.0	43.71		ug/Kg	87	65 - 131	54 - 142	
Ethanol	500	362.7	J	ug/Kg	73	32 - 158	11 - 179	
Ethylbenzene	50.0	40.94		ug/Kg	82	57 - 153	41 - 169	
Ethyl-t-butyl ether (ETBE)	50.0	44.31		ug/Kg	89	58 - 136	45 - 149	
Hexachloro-1,3-butadiene	50.0	41.02		ug/Kg	82	80 - 120	N/A	
Hexane	50.0	38.74	*	ug/Kg	77	80 - 120	N/A	X
Iodomethane	250	185.5	*	ug/Kg	74	80 - 120	N/A	X
Isobutyl alcohol	250	251.2		ug/Kg	100	80 - 120	N/A	
Isopropanol	250	262.6		ug/Kg	105	80 - 120	N/A	
Isopropylbenzene	50.0	41.79		ug/Kg	84	80 - 129	72 - 137	
m,p-Xylene	100	84.14		ug/Kg	84	80 - 122	73 - 129	
Methylene Chloride	50.0	40.34		ug/Kg	81	72 - 120	64 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	44.44		ug/Kg	89	64 - 124	54 - 134	
Naphthalene	50.0	46.69		ug/Kg	93	64 - 124	54 - 134	
n-Butylbenzene	50.0	43.13		ug/Kg	86	78 - 126	70 - 134	
N-Propylbenzene	50.0	41.81		ug/Kg	84	80 - 122	73 - 129	
o-Xylene	50.0	42.58		ug/Kg	85	79 - 127	71 - 135	
p-Isopropyltoluene	50.0	42.74		ug/Kg	85	80 - 122	73 - 129	
sec-Butylbenzene	50.0	42.22		ug/Kg	84	79 - 127	71 - 135	
Styrene	50.0	41.60		ug/Kg	83	80 - 123	73 - 130	
Tert-amyl-methyl ether (TAME)	50.0	46.32		ug/Kg	93	63 - 129	52 - 140	
tert-Butyl alcohol (TBA)	250	237.5		ug/Kg	95	79 - 121	72 - 128	
tert-Butylbenzene	50.0	41.99		ug/Kg	84	80 - 128	72 - 136	
Tetrachloroethene	50.0	40.16		ug/Kg	80	75 - 123	67 - 131	
Tetrahydrofuran	50.0	47.97		ug/Kg	96	80 - 120	N/A	
Thiophene	50.0	43.41		ug/Kg	87	80 - 120	N/A	
Toluene	50.0	41.15		ug/Kg	82	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	40.66		ug/Kg	81	80 - 120	73 - 127	
trans-1,3-Dichloropropene	50.0	46.40		ug/Kg	93	66 - 120	57 - 129	
trans-1,4-Dichloro-2-butene	50.0	48.69		ug/Kg	97	80 - 120	N/A	
Trichloroethene	50.0	41.76		ug/Kg	84	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	48.17		ug/Kg	96	70 - 136	59 - 147	
Vinyl acetate	50.0	52.88		ug/Kg	106	51 - 159	N/A	
Vinyl chloride	50.0	48.98		ug/Kg	98	68 - 120	59 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86028/7
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	45.48		ug/Kg	91	73 - 133	63 - 143	
1,1,1-Trichloroethane	50.0	43.46		ug/Kg	87	71 - 131	61 - 141	
1,1,2,2-Tetrachloroethane	50.0	52.82		ug/Kg	106	77 - 120	70 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	36.53	* me	ug/Kg	73	77 - 125	69 - 133	ME
1,1,2-Trichloroethane	50.0	47.66		ug/Kg	95	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	42.38		ug/Kg	85	74 - 120	66 - 128	
1,1-Dichloroethene	50.0	40.41		ug/Kg	81	71 - 125	62 - 134	
1,1-Dichloropropene	50.0	43.91		ug/Kg	88	69 - 120	61 - 129	
1,2,3-Trichlorobenzene	50.0	47.97		ug/Kg	96	73 - 127	64 - 136	
1,2,3-Trichloropropane	50.0	52.55		ug/Kg	105	60 - 120	50 - 130	
1,2,4-Trichlorobenzene	50.0	48.42		ug/Kg	97	74 - 128	65 - 137	
1,2,4-Trimethylbenzene	50.0	44.85		ug/Kg	90	75 - 123	67 - 131	
1,2-Dibromo-3-Chloropropane	50.0	51.15		ug/Kg	102	54 - 132	41 - 145	
1,2-Dibromoethane	50.0	48.61		ug/Kg	97	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	45.65		ug/Kg	91	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	44.92		ug/Kg	90	79 - 121	72 - 128	
1,2-Dichloropropane	50.0	45.58		ug/Kg	91	77 - 123	69 - 131	
1,3,5-Trimethylbenzene	50.0	44.08		ug/Kg	88	80 - 123	73 - 130	
1,3-Butadiene	50.0	27.81	*	ug/Kg	56	80 - 120	N/A	X
1,3-Dichlorobenzene	50.0	44.17		ug/Kg	88	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	46.91		ug/Kg	94	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	44.57		ug/Kg	89	80 - 120	73 - 127	
1,4-Dioxane	500	525.8		ug/Kg	105	80 - 120	73 - 127	
2,2,4-Trimethylpentane	50.0	42.24		ug/Kg	84	70 - 130	N/A	
2,2-Dichloropropane	50.0	48.48		ug/Kg	97	58 - 142	44 - 156	
2-Butanone	50.0	50.64		ug/Kg	101	56 - 176	36 - 196	
2-Chlorotoluene	50.0	44.43		ug/Kg	89	56 - 176	36 - 196	
2-Hexanone	50.0	52.67		ug/Kg	105	67 - 151	53 - 165	
2-Methyl-2-butanol (TAA)	250	277.7		ug/Kg	111	80 - 120	60 - 140	
4-Chlorotoluene	50.0	43.83		ug/Kg	88	67 - 151	53 - 165	
4-Methyl-2-pentanone	50.0	52.46		ug/Kg	105	72 - 126	63 - 135	
Acetone	50.0	53.99		ug/Kg	108	30 - 150	10 - 170	
Acetonitrile	100	89.69	J	ug/Kg	90	79 - 120	N/A	
Acrolein	100	109.6		ug/Kg	110	80 - 120	N/A	
Acrylonitrile	50.0	49.93	J	ug/Kg	100	80 - 120	N/A	
Benzene	50.0	43.64		ug/Kg	87	79 - 120	72 - 127	
Bromobenzene	50.0	45.09		ug/Kg	90	80 - 120	73 - 127	
Bromochloromethane	50.0	43.97		ug/Kg	88	80 - 120	73 - 127	
Bromodichloromethane	50.0	48.30		ug/Kg	97	73 - 127	64 - 136	
Bromoform	50.0	47.46		ug/Kg	95	55 - 133	42 - 146	
Bromomethane	50.0	37.42		ug/Kg	75	36 - 144	18 - 162	
Carbon disulfide	50.0	37.98		ug/Kg	76	53 - 125	41 - 137	
Carbon tetrachloride	50.0	46.43		ug/Kg	93	58 - 142	44 - 156	
Chlorobenzene	50.0	43.29		ug/Kg	87	80 - 120	73 - 127	
Chloroethane	50.0	47.42		ug/Kg	95	60 - 120	50 - 130	
Chloroform	50.0	45.35		ug/Kg	91	80 - 120	73 - 127	
Chloromethane	50.0	43.74		ug/Kg	87	50 - 122	38 - 134	
cis-1,2-Dichloroethene	50.0	45.14		ug/Kg	90	80 - 123	73 - 130	
cis-1,3-Dichloropropene	50.0	49.62		ug/Kg	99	74 - 128	65 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86028/7
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	39.73	J *	ug/Kg	79	80 - 120	N/A	X
Dibromochloromethane	50.0	47.94		ug/Kg	96	50 - 122	38 - 134	
Dibromomethane	50.0	48.54		ug/Kg	97	70 - 130	60 - 140	
Dichlorodifluoromethane	50.0	42.38		ug/Kg	85	32 - 158	11 - 179	
Diethyl ether	50.0	48.27		ug/Kg	97	80 - 120	73 - 127	
Di-isopropyl ether (DIPE)	50.0	44.80		ug/Kg	90	65 - 131	54 - 142	
Ethanol	500	430.5	J	ug/Kg	86	32 - 158	11 - 179	
Ethylbenzene	50.0	43.49		ug/Kg	87	57 - 153	41 - 169	
Ethyl-t-butyl ether (ETBE)	50.0	45.28		ug/Kg	91	58 - 136	45 - 149	
Hexachloro-1,3-butadiene	50.0	44.26		ug/Kg	89	80 - 120	N/A	
Hexane	50.0	39.22	*	ug/Kg	78	80 - 120	N/A	X
Iodomethane	250	188.4	*	ug/Kg	75	80 - 120	N/A	X
Isobutyl alcohol	250	259.8		ug/Kg	104	80 - 120	N/A	
Isopropanol	250	270.6		ug/Kg	108	80 - 120	N/A	
Isopropylbenzene	50.0	44.90		ug/Kg	90	80 - 129	72 - 137	
m,p-Xylene	100	90.51		ug/Kg	91	80 - 122	73 - 129	
Methylene Chloride	50.0	42.29		ug/Kg	85	72 - 120	64 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	46.18		ug/Kg	92	64 - 124	54 - 134	
Naphthalene	50.0	48.99		ug/Kg	98	64 - 124	54 - 134	
n-Butylbenzene	50.0	46.54		ug/Kg	93	78 - 126	70 - 134	
N-Propylbenzene	50.0	44.42		ug/Kg	89	80 - 122	73 - 129	
o-Xylene	50.0	45.56		ug/Kg	91	79 - 127	71 - 135	
p-Isopropyltoluene	50.0	45.47		ug/Kg	91	80 - 122	73 - 129	
sec-Butylbenzene	50.0	45.30		ug/Kg	91	79 - 127	71 - 135	
Styrene	50.0	44.55		ug/Kg	89	80 - 123	73 - 130	
Tert-amyl-methyl ether (TAME)	50.0	47.83		ug/Kg	96	63 - 129	52 - 140	
tert-Butyl alcohol (TBA)	250	246.7		ug/Kg	99	79 - 121	72 - 128	
tert-Butylbenzene	50.0	45.25		ug/Kg	90	80 - 128	72 - 136	
Tetrachloroethene	50.0	41.82		ug/Kg	84	75 - 123	67 - 131	
Tetrahydrofuran	50.0	50.82		ug/Kg	102	80 - 120	N/A	
Thiophene	50.0	45.74		ug/Kg	91	80 - 120	N/A	
Toluene	50.0	43.67		ug/Kg	87	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	41.71		ug/Kg	83	80 - 120	73 - 127	
trans-1,3-Dichloropropene	50.0	49.05		ug/Kg	98	66 - 120	57 - 129	
trans-1,4-Dichloro-2-butene	50.0	50.50		ug/Kg	101	80 - 120	N/A	
Trichloroethene	50.0	43.03		ug/Kg	86	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	48.97		ug/Kg	98	70 - 136	59 - 147	
Vinyl acetate	50.0	57.97		ug/Kg	116	51 - 159	N/A	
Vinyl chloride	50.0	49.13		ug/Kg	98	68 - 120	59 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88024/3
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	57.60		ug/L	115	80 - 126	72 - 134	
1,1,1-Trichloroethane	50.0	49.56		ug/L	99	73 - 127	64 - 136	
1,1,2,2-Tetrachloroethane	50.0	50.32		ug/L	101	76 - 120	69 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	44.41		ug/L	89	53 - 155	36 - 172	
1,1,2-Trichloroethane	50.0	50.82		ug/L	102	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	46.37		ug/L	93	73 - 127	64 - 136	
1,1-Dichloroethene	50.0	44.57		ug/L	89	64 - 136	52 - 148	
1,1-Dichloropropene	50.0	47.59		ug/L	95	73 - 127	64 - 136	
1,2,3-Trichlorobenzene	50.0	50.34		ug/L	101	76 - 130	67 - 139	
1,2,3-Trichloropropane	50.0	53.23		ug/L	106	77 - 125	69 - 133	
1,2,4-Trichlorobenzene	50.0	48.53		ug/L	97	74 - 134	64 - 144	
1,2,4-Trimethylbenzene	50.0	49.39		ug/L	99	80 - 123	73 - 130	
1,2-Dibromo-3-Chloropropane	50.0	49.40		ug/L	99	68 - 128	58 - 138	
1,2-Dibromoethane	50.0	51.60		ug/L	103	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	49.74		ug/L	99	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	45.19		ug/L	90	75 - 123	67 - 131	
1,2-Dichloropropane	50.0	50.62		ug/L	101	80 - 120	73 - 127	
1,3,5-Trimethylbenzene	50.0	50.52		ug/L	101	80 - 126	72 - 134	
1,3-Butadiene	50.0	35.52		ug/L	71	50 - 150	N/A	
1,3-Dichlorobenzene	50.0	49.29		ug/L	99	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	49.52		ug/L	99	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	49.31		ug/L	99	80 - 120	73 - 127	
1,4-Dioxane	500	515.4		ug/L	103	64 - 130	53 - 141	
2,2,4-Trimethylpentane	50.0	51.63		ug/L	103	60 - 120	N/A	
2,2-Dichloropropane	50.0	58.45		ug/L	117	53 - 155	36 - 172	
2-Butanone	50.0	47.15		ug/L	94	53 - 137	39 - 151	
2-Chlorotoluene	50.0	50.30		ug/L	101	80 - 121	73 - 128	
2-Hexanone	50.0	50.26		ug/L	101	59 - 131	47 - 143	
2-Methyl-2-butanol (TAA)	250	297.9		ug/L	119	60 - 120	50 - 130	
4-Chlorotoluene	50.0	48.86		ug/L	98	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	52.90		ug/L	106	68 - 122	59 - 131	
Acetone	50.0	48.76		ug/L	98	50 - 150	33 - 167	
Acetonitrile	100	94.87		ug/L	95	58 - 136	N/A	
Acrolein	100	103.3		ug/L	103	50 - 150	N/A	
Acrylonitrile	50.0	49.70		ug/L	99	66 - 126	N/A	
Benzene	50.0	47.92		ug/L	96	78 - 120	71 - 127	
Bromobenzene	50.0	50.71		ug/L	101	80 - 120	73 - 127	
Bromochloromethane	50.0	48.52		ug/L	97	77 - 125	69 - 133	
Bromodichloromethane	50.0	52.36		ug/L	105	80 - 125	73 - 133	
Bromoform	50.0	57.88		ug/L	116	68 - 128	58 - 138	
Bromomethane	50.0	32.28	J	ug/L	65	50 - 150	33 - 167	
Carbon disulfide	50.0	44.37		ug/L	89	50 - 150	33 - 167	
Carbon tetrachloride	50.0	57.23		ug/L	114	67 - 139	55 - 151	
Chlorobenzene	50.0	50.27		ug/L	101	80 - 120	73 - 127	
Chloroethane	50.0	42.04		ug/L	84	64 - 130	53 - 141	
Chloroform	50.0	47.41		ug/L	95	77 - 120	70 - 127	
Chloromethane	50.0	35.91		ug/L	72	56 - 128	44 - 140	
cis-1,2-Dichloroethene	50.0	49.24		ug/L	98	78 - 120	71 - 127	
cis-1,3-Dichloropropene	50.0	51.99		ug/L	104	80 - 129	72 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88024/3
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	48.60		ug/L	97	54 - 138	N/A	
Dibromochloromethane	50.0	56.99		ug/L	114	77 - 125	69 - 133	
Dibromomethane	50.0	49.82		ug/L	100	80 - 120	73 - 127	
Dichlorodifluoromethane	50.0	32.83		ug/L	66	50 - 150	33 - 167	
Diethyl ether	50.0	51.68		ug/L	103	70 - 130	60 - 140	
Di-isopropyl ether (DIPE)	50.0	48.81		ug/L	98	72 - 132	62 - 142	
Ethanol	500	574.2		ug/L	115	56 - 150	40 - 166	
Ethylbenzene	50.0	50.07		ug/L	100	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	50.0	48.59		ug/L	97	74 - 122	66 - 130	
Hexachloro-1,3-butadiene	50.0	50.75		ug/L	101	75 - 135	N/A	
Hexane	50.0	47.68		ug/L	95	50 - 150	N/A	
Iodomethane	250	235.3		ug/L	94	50 - 150	N/A	
Isobutyl alcohol	250	326.2	*	ug/L	130	60 - 120	N/A	X
Isopropanol	250	261.8		ug/L	105	50 - 143	N/A	
Isopropylbenzene	50.0	50.60		ug/L	101	80 - 126	72 - 134	
m,p-Xylene	100	98.13		ug/L	98	80 - 125	73 - 133	
Methylene Chloride	50.0	46.80		ug/L	94	73 - 127	64 - 136	
Methyl-t-Butyl Ether (MTBE)	50.0	47.58		ug/L	95	77 - 120	70 - 127	
Naphthalene	50.0	49.26		ug/L	99	64 - 136	52 - 148	
n-Butylbenzene	50.0	47.87		ug/L	96	78 - 132	69 - 141	
N-Propylbenzene	50.0	49.97		ug/L	100	80 - 125	73 - 133	
o-Xylene	50.0	49.45		ug/L	99	80 - 125	73 - 133	
p-Isopropyltoluene	50.0	50.21		ug/L	100	80 - 129	72 - 137	
sec-Butylbenzene	50.0	49.47		ug/L	99	80 - 125	73 - 133	
Styrene	50.0	51.29		ug/L	103	80 - 122	73 - 129	
Tert-amyl-methyl ether (TAME)	50.0	51.28		ug/L	103	74 - 122	66 - 130	
tert-Butyl alcohol (TBA)	250	275.5		ug/L	110	80 - 126	72 - 134	
tert-Butylbenzene	50.0	49.82		ug/L	100	80 - 125	73 - 133	
Tetrachloroethene	50.0	50.96		ug/L	102	54 - 144	39 - 159	
Tetrahydrofuran	50.0	48.99		ug/L	98	61 - 127	N/A	
Thiophene	50.0	50.15		ug/L	100	80 - 120	N/A	
Toluene	50.0	47.52		ug/L	95	80 - 122	73 - 129	
trans-1,2-Dichloroethene	50.0	47.27		ug/L	95	70 - 130	60 - 140	
trans-1,3-Dichloropropene	50.0	57.13		ug/L	114	78 - 132	69 - 141	
trans-1,4-Dichloro-2-butene	50.0	49.58		ug/L	99	57 - 141	N/A	
Trichloroethene	50.0	48.02		ug/L	96	77 - 125	69 - 133	
Trichlorofluoromethane	50.0	46.78		ug/L	94	69 - 141	57 - 153	
Vinyl acetate	50.0	64.44		ug/L	129	50 - 150	N/A	
Vinyl chloride	50.0	35.84		ug/L	72	63 - 135	51 - 147	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	0

X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88024/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	61.41		ug/L	123	80 - 126	72 - 134	
1,1,1-Trichloroethane	50.0	53.75		ug/L	108	73 - 127	64 - 136	
1,1,2,2-Tetrachloroethane	50.0	53.08		ug/L	106	76 - 120	69 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.53		ug/L	97	53 - 155	36 - 172	
1,1,2-Trichloroethane	50.0	53.12		ug/L	106	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	49.63		ug/L	99	73 - 127	64 - 136	
1,1-Dichloroethene	50.0	48.55		ug/L	97	64 - 136	52 - 148	
1,1-Dichloropropene	50.0	51.55		ug/L	103	73 - 127	64 - 136	
1,2,3-Trichlorobenzene	50.0	54.31		ug/L	109	76 - 130	67 - 139	
1,2,3-Trichloropropane	50.0	56.10		ug/L	112	77 - 125	69 - 133	
1,2,4-Trichlorobenzene	50.0	53.02		ug/L	106	74 - 134	64 - 144	
1,2,4-Trimethylbenzene	50.0	53.97		ug/L	108	80 - 123	73 - 130	
1,2-Dibromo-3-Chloropropane	50.0	53.36		ug/L	107	68 - 128	58 - 138	
1,2-Dibromoethane	50.0	54.49		ug/L	109	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	53.80		ug/L	108	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	47.92		ug/L	96	75 - 123	67 - 131	
1,2-Dichloropropane	50.0	54.10		ug/L	108	80 - 120	73 - 127	
1,3,5-Trimethylbenzene	50.0	54.36		ug/L	109	80 - 126	72 - 134	
1,3-Butadiene	50.0	38.37		ug/L	77	50 - 150	N/A	
1,3-Dichlorobenzene	50.0	53.56		ug/L	107	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	52.38		ug/L	105	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	53.21		ug/L	106	80 - 120	73 - 127	
1,4-Dioxane	500	524.2		ug/L	105	64 - 130	53 - 141	
2,2,4-Trimethylpentane	50.0	56.26		ug/L	113	60 - 120	N/A	
2,2-Dichloropropane	50.0	62.29		ug/L	125	53 - 155	36 - 172	
2-Butanone	50.0	50.21		ug/L	100	53 - 137	39 - 151	
2-Chlorotoluene	50.0	53.97		ug/L	108	80 - 121	73 - 128	
2-Hexanone	50.0	52.95		ug/L	106	59 - 131	47 - 143	
2-Methyl-2-butanol (TAA)	250	315.8	* me	ug/L	126	60 - 120	50 - 130	ME
4-Chlorotoluene	50.0	53.28		ug/L	107	80 - 120	73 - 127	
4-Methyl-2-pentanone	50.0	55.13		ug/L	110	68 - 122	59 - 131	
Acetone	50.0	52.58		ug/L	105	50 - 150	33 - 167	
Acetonitrile	100	100.9		ug/L	101	58 - 136	N/A	
Acrolein	100	115.6		ug/L	116	50 - 150	N/A	
Acrylonitrile	50.0	51.69		ug/L	103	66 - 126	N/A	
Benzene	50.0	51.69		ug/L	103	78 - 120	71 - 127	
Bromobenzene	50.0	54.08		ug/L	108	80 - 120	73 - 127	
Bromochloromethane	50.0	51.57		ug/L	103	77 - 125	69 - 133	
Bromodichloromethane	50.0	56.07		ug/L	112	80 - 125	73 - 133	
Bromoform	50.0	61.37		ug/L	123	68 - 128	58 - 138	
Bromomethane	50.0	35.65	J	ug/L	71	50 - 150	33 - 167	
Carbon disulfide	50.0	48.59		ug/L	97	50 - 150	33 - 167	
Carbon tetrachloride	50.0	61.71		ug/L	123	67 - 139	55 - 151	
Chlorobenzene	50.0	53.64		ug/L	107	80 - 120	73 - 127	
Chloroethane	50.0	45.60		ug/L	91	64 - 130	53 - 141	
Chloroform	50.0	50.50		ug/L	101	77 - 120	70 - 127	
Chloromethane	50.0	38.92		ug/L	78	56 - 128	44 - 140	
cis-1,2-Dichloroethene	50.0	52.59		ug/L	105	78 - 120	71 - 127	
cis-1,3-Dichloropropene	50.0	55.50		ug/L	111	80 - 129	72 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-88024/4
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	53.13		ug/L	106	54 - 138	N/A	
Dibromochloromethane	50.0	60.09		ug/L	120	77 - 125	69 - 133	
Dibromomethane	50.0	52.55		ug/L	105	80 - 120	73 - 127	
Dichlorodifluoromethane	50.0	37.50		ug/L	75	50 - 150	33 - 167	
Diethyl ether	50.0	54.40		ug/L	109	70 - 130	60 - 140	
Di-isopropyl ether (DIPE)	50.0	52.17		ug/L	104	72 - 132	62 - 142	
Ethanol	500	578.2		ug/L	116	56 - 150	40 - 166	
Ethylbenzene	50.0	53.95		ug/L	108	80 - 120	73 - 127	
Ethyl-t-butyl ether (ETBE)	50.0	51.79		ug/L	104	74 - 122	66 - 130	
Hexachloro-1,3-butadiene	50.0	55.30		ug/L	111	75 - 135	N/A	
Hexane	50.0	51.96		ug/L	104	50 - 150	N/A	
Iodomethane	250	253.2		ug/L	101	50 - 150	N/A	
Isobutyl alcohol	250	340.7	*	ug/L	136	60 - 120	N/A	X
Isopropanol	250	266.8		ug/L	107	50 - 143	N/A	
Isopropylbenzene	50.0	54.57		ug/L	109	80 - 126	72 - 134	
m,p-Xylene	100	105.0		ug/L	105	80 - 125	73 - 133	
Methylene Chloride	50.0	50.06		ug/L	100	73 - 127	64 - 136	
Methyl-t-Butyl Ether (MTBE)	50.0	50.76		ug/L	102	77 - 120	70 - 127	
Naphthalene	50.0	53.27		ug/L	107	64 - 136	52 - 148	
n-Butylbenzene	50.0	52.58		ug/L	105	78 - 132	69 - 141	
N-Propylbenzene	50.0	54.08		ug/L	108	80 - 125	73 - 133	
o-Xylene	50.0	53.47		ug/L	107	80 - 125	73 - 133	
p-Isopropyltoluene	50.0	54.83		ug/L	110	80 - 129	72 - 137	
sec-Butylbenzene	50.0	54.37		ug/L	109	80 - 125	73 - 133	
Styrene	50.0	54.82		ug/L	110	80 - 122	73 - 129	
Tert-amyl-methyl ether (TAME)	50.0	54.29		ug/L	109	74 - 122	66 - 130	
tert-Butyl alcohol (TBA)	250	286.6		ug/L	115	80 - 126	72 - 134	
tert-Butylbenzene	50.0	54.73		ug/L	109	80 - 125	73 - 133	
Tetrachloroethene	50.0	54.93		ug/L	110	54 - 144	39 - 159	
Tetrahydrofuran	50.0	48.49		ug/L	97	61 - 127	N/A	
Thiophene	50.0	53.58		ug/L	107	80 - 120	N/A	
Toluene	50.0	51.13		ug/L	102	80 - 122	73 - 129	
trans-1,2-Dichloroethene	50.0	51.07		ug/L	102	70 - 130	60 - 140	
trans-1,3-Dichloropropene	50.0	60.08		ug/L	120	78 - 132	69 - 141	
trans-1,4-Dichloro-2-butene	50.0	51.95		ug/L	104	57 - 141	N/A	
Trichloroethene	50.0	52.49		ug/L	105	77 - 125	69 - 133	
Trichlorofluoromethane	50.0	48.59		ug/L	97	69 - 141	57 - 153	
Vinyl acetate	50.0	63.70		ug/L	127	50 - 150	N/A	
Vinyl chloride	50.0	39.07		ug/L	78	63 - 135	51 - 147	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88073/3
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,1,1,2-Tetrachloroethane	50.0	46.95		ug/Kg	94	73 - 133	63 - 143	
1,1,1-Trichloroethane	50.0	48.03		ug/Kg	96	71 - 131	61 - 141	
1,1,2,2-Tetrachloroethane	50.0	47.18		ug/Kg	94	77 - 120	70 - 127	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.65		ug/Kg	93	77 - 125	69 - 133	
1,1,2-Trichloroethane	50.0	47.07		ug/Kg	94	80 - 120	73 - 127	
1,1-Dichloroethane	50.0	49.01		ug/Kg	98	74 - 120	66 - 128	
1,1-Dichloroethene	50.0	47.42		ug/Kg	95	71 - 125	62 - 134	
1,1-Dichloropropene	50.0	48.91		ug/Kg	98	69 - 120	60 - 128	
1,2,3-Trichlorobenzene	50.0	49.26		ug/Kg	99	73 - 127	64 - 136	
1,2,3-Trichloropropane	50.0	47.76		ug/Kg	96	60 - 120	50 - 130	
1,2,4-Trichlorobenzene	50.0	49.84		ug/Kg	100	74 - 128	65 - 137	
1,2,4-Trimethylbenzene	50.0	49.81		ug/Kg	100	75 - 123	67 - 131	
1,2-Dibromo-3-Chloropropane	50.0	44.21		ug/Kg	88	54 - 132	41 - 145	
1,2-Dibromoethane	50.0	46.88		ug/Kg	94	80 - 120	73 - 127	
1,2-Dichlorobenzene	50.0	47.47		ug/Kg	95	80 - 120	73 - 127	
1,2-Dichloroethane	50.0	44.40		ug/Kg	89	79 - 121	72 - 128	
1,2-Dichloropropane	50.0	47.17		ug/Kg	94	77 - 120	70 - 127	
1,3,5-Trimethylbenzene	50.0	49.35		ug/Kg	99	80 - 123	73 - 130	
1,3-Butadiene	50.0	39.33	* me	ug/Kg	79	80 - 120	73 - 127	ME
1,3-Dichlorobenzene	50.0	47.36		ug/Kg	95	80 - 120	73 - 127	
1,3-Dichloropropane	50.0	46.43		ug/Kg	93	80 - 120	73 - 127	
1,4-Dichlorobenzene	50.0	46.79		ug/Kg	94	80 - 120	73 - 127	
1,4-Dioxane	500	486.5		ug/Kg	97	80 - 120	73 - 127	
2,2,4-Trimethylpentane	50.0	47.56		ug/Kg	95		N/A	
2,2-Dichloropropane	50.0	49.90		ug/Kg	100	58 - 142	44 - 156	
2-Butanone	50.0	44.47		ug/Kg	89	56 - 176	36 - 196	
2-Chlorotoluene	50.0	48.70		ug/Kg	97	56 - 176	36 - 196	
2-Hexanone	50.0	46.76		ug/Kg	94	67 - 151	53 - 165	
2-Methyl-2-butanol (TAA)	250	228.9		ug/Kg	92		N/A	
4-Chlorotoluene	50.0	48.00		ug/Kg	96	67 - 151	53 - 165	
4-Methyl-2-pentanone	50.0	47.40		ug/Kg	95	72 - 126	63 - 135	
Acetone	50.0	53.70		ug/Kg	107	30 - 150	10 - 170	
Acetonitrile	100	83.96	J	ug/Kg	84	79 - 120	72 - 127	
Acrolein	100	99.61		ug/Kg	100	80 - 120	73 - 127	
Acrylonitrile	50.0	47.79	J	ug/Kg	96	80 - 120	73 - 127	
Benzene	50.0	48.54		ug/Kg	97	79 - 120	72 - 127	
Bromobenzene	50.0	47.09		ug/Kg	94	80 - 120	73 - 127	
Bromochloromethane	50.0	43.40		ug/Kg	87	80 - 120	73 - 127	
Bromodichloromethane	50.0	47.93		ug/Kg	96	73 - 127	64 - 136	
Bromoform	50.0	42.13		ug/Kg	84	55 - 133	42 - 146	
Bromomethane	50.0	36.52		ug/Kg	73	36 - 144	18 - 162	
Carbon disulfide	50.0	43.30		ug/Kg	87	53 - 125	41 - 137	
Carbon tetrachloride	50.0	49.96		ug/Kg	100	58 - 142	44 - 156	
Chlorobenzene	50.0	46.94		ug/Kg	94	80 - 120	73 - 127	
Chloroethane	50.0	46.16		ug/Kg	92	60 - 120	50 - 130	
Chloroform	50.0	48.47		ug/Kg	97	80 - 120	73 - 127	
Chloromethane	50.0	43.94		ug/Kg	88	50 - 122	38 - 134	
cis-1,2-Dichloroethene	50.0	49.30		ug/Kg	99	80 - 123	73 - 130	
cis-1,3-Dichloropropene	50.0	49.76		ug/Kg	100	74 - 128	65 - 137	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-88073/3
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Cyclohexane	50.0	45.87	J	ug/Kg	92	80 - 120	73 - 127	
Dibromochloromethane	50.0	46.10		ug/Kg	92	50 - 122	38 - 134	
Dibromomethane	50.0	46.35		ug/Kg	93	70 - 130	60 - 140	
Dichlorodifluoromethane	50.0	44.01		ug/Kg	88	32 - 158	11 - 179	
Diethyl ether	50.0	48.46		ug/Kg	97	80 - 120	73 - 127	
Di-isopropyl ether (DIPE)	50.0	47.57		ug/Kg	95	65 - 131	54 - 142	
Ethanol	500	399.8	J	ug/Kg	80	32 - 158	11 - 179	
Ethylbenzene	50.0	48.04		ug/Kg	96	57 - 153	41 - 169	
Ethyl-t-butyl ether (ETBE)	50.0	47.49		ug/Kg	95	58 - 136	45 - 149	
Hexachloro-1,3-butadiene	50.0	48.18		ug/Kg	96	80 - 120	73 - 127	
Hexane	50.0	46.17		ug/Kg	92	80 - 120	73 - 127	
Iodomethane	250	208.9		ug/Kg	84	80 - 120	73 - 127	
Isobutyl alcohol	250	225.2		ug/Kg	90	80 - 120	73 - 127	
Isopropanol	250	236.4		ug/Kg	95	80 - 120	73 - 127	
Isopropylbenzene	50.0	49.10		ug/Kg	98	80 - 129	72 - 137	
m,p-Xylene	100	99.45		ug/Kg	99	80 - 122	73 - 129	
Methylene Chloride	50.0	46.77		ug/Kg	94	72 - 120	64 - 128	
Methyl-t-Butyl Ether (MTBE)	50.0	47.35		ug/Kg	95	64 - 124	54 - 134	
Naphthalene	50.0	45.80		ug/Kg	92	64 - 124	54 - 134	
n-Butylbenzene	50.0	51.71		ug/Kg	103	78 - 126	70 - 134	
N-Propylbenzene	50.0	49.67		ug/Kg	99	80 - 122	73 - 129	
o-Xylene	50.0	49.34		ug/Kg	99	79 - 127	71 - 135	
p-Isopropyltoluene	50.0	50.66		ug/Kg	101	80 - 122	73 - 129	
sec-Butylbenzene	50.0	50.67		ug/Kg	101	79 - 127	71 - 135	
Styrene	50.0	48.50		ug/Kg	97	80 - 123	73 - 130	
Tert-amyl-methyl ether (TAME)	50.0	45.53		ug/Kg	91	63 - 129	52 - 140	
tert-Butyl alcohol (TBA)	250	235.5		ug/Kg	94	79 - 121	72 - 128	
tert-Butylbenzene	50.0	49.93		ug/Kg	100	80 - 128	72 - 136	
Tetrachloroethene	50.0	46.27		ug/Kg	93	75 - 123	67 - 131	
Tetrahydrofuran	50.0	47.63		ug/Kg	95	80 - 120	73 - 127	
Thiophene	50.0	48.45		ug/Kg	97	80 - 120	73 - 127	
Toluene	50.0	48.09		ug/Kg	96	80 - 120	73 - 127	
trans-1,2-Dichloroethene	50.0	48.63		ug/Kg	97	80 - 120	73 - 127	
trans-1,3-Dichloropropene	50.0	45.55		ug/Kg	91	66 - 120	57 - 129	
trans-1,4-Dichloro-2-butene	50.0	48.09		ug/Kg	96	80 - 120	73 - 127	
Trichloroethene	50.0	48.47		ug/Kg	97	80 - 120	73 - 127	
Trichlorofluoromethane	50.0	45.70		ug/Kg	91	70 - 136	59 - 147	
Vinyl acetate	50.0	49.45		ug/Kg	99	51 - 159	N/A	
Vinyl chloride	50.0	49.44		ug/Kg	99	68 - 120	59 - 129	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
88	4	1

ME = Marginal Exceedance

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: LCS 570-85792/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	5.00	3.840		mg/Kg	77	45 - 129	31 - 143	
1,2-Dichlorobenzene	5.00	3.364		mg/Kg	67	45 - 123	32 - 136	
1,3-Dichlorobenzene	5.00	3.273		mg/Kg	65	45 - 123	32 - 136	
1,4-Dichlorobenzene	5.00	3.247		mg/Kg	65	42 - 132	27 - 147	
1-Methylnaphthalene	5.00	4.077		mg/Kg	82	45 - 105	35 - 115	
2,4,5-Trichlorophenol	5.00	4.371		mg/Kg	87	43 - 127	29 - 141	
2,4,6-Trichlorophenol	5.00	4.559		mg/Kg	91	48 - 126	35 - 139	
2,4-Dichlorophenol	5.00	4.229		mg/Kg	85	49 - 127	36 - 140	
2,4-Dimethylphenol	5.00	3.857		mg/Kg	77	45 - 147	28 - 164	
2,4-Dinitrophenol	5.00	4.595		mg/Kg	92	18 - 138	1 - 158	
2,4-Dinitrotoluene	5.00	4.506		mg/Kg	90	51 - 129	38 - 142	
2,6-Dichlorophenol	5.00	4.064		mg/Kg	81	55 - 115	45 - 127	
2,6-Dinitrotoluene	5.00	4.504		mg/Kg	90	44 - 140	28 - 156	
2-Chloronaphthalene	5.00	4.305		mg/Kg	86	45 - 129	31 - 143	
2-Chlorophenol	5.00	3.572		mg/Kg	71	58 - 124	47 - 135	
2-Methylnaphthalene	5.00	4.006		mg/Kg	80	42 - 132	27 - 147	
2-Methylphenol	5.00	3.620		mg/Kg	72	45 - 129	31 - 143	
2-Nitroaniline	5.00	3.914		mg/Kg	78	35 - 150	16 - 169	
2-Nitrophenol	5.00	4.152		mg/Kg	83	50 - 140	35 - 155	
3 & 4 Methylphenol	10.0	6.523		mg/Kg	65	37 - 127	22 - 142	
3,3'-Dichlorobenzidine	5.00	4.467		mg/Kg	89	20 - 150	1 - 172	
3-Nitroaniline	5.00	3.879		mg/Kg	78	24 - 120	8 - 136	
4,6-Dinitro-2-methylphenol	5.00	4.633		mg/Kg	93	36 - 138	19 - 155	
4-Bromophenyl phenyl ether	5.00	4.490		mg/Kg	90	39 - 135	23 - 151	
4-Chloro-3-methylphenol	5.00	3.905		mg/Kg	78	55 - 151	39 - 167	
4-Chloroaniline	5.00	3.439		mg/Kg	69	16 - 124	1 - 142	
4-Chlorophenyl phenyl ether	5.00	4.297		mg/Kg	86	45 - 135	30 - 150	
4-Nitroaniline	5.00	4.075		mg/Kg	82	47 - 137	32 - 152	
4-Nitrophenol	5.00	4.405		mg/Kg	88	24 - 126	7 - 143	
Acenaphthene	5.00	4.307		mg/Kg	86	51 - 123	39 - 135	
Acenaphthylene	5.00	4.705		mg/Kg	94	52 - 120	41 - 131	
Aniline	5.00	2.925		mg/Kg	58	50 - 130	37 - 146	
Anthracene	5.00	4.507		mg/Kg	90	41 - 125	27 - 139	
Azobenzene	5.00	3.908		mg/Kg	78	60 - 140	47 - 153	
Benzidine	5.00	4.010	J	mg/Kg	80	20 - 92	8 - 104	
Benzo[a]anthracene	5.00	4.919		mg/Kg	98	45 - 117	33 - 129	
Benzo[a]pyrene	5.00	5.367		mg/Kg	107	41 - 125	27 - 139	
Benzo[b]fluoranthene	5.00	4.889		mg/Kg	98	41 - 137	25 - 153	
Benzo[g,h,i]perylene	5.00	4.917		mg/Kg	98	16 - 124	1 - 142	
Benzo[k]fluoranthene	5.00	4.944		mg/Kg	99	42 - 144	25 - 161	
Benzoic acid	5.00	3.847		mg/Kg	77	18 - 150	1 - 172	
Benzyl alcohol	5.00	3.480		mg/Kg	70	46 - 150	29 - 167	
Bis(2-chloroethoxy)methane	5.00	3.830		mg/Kg	77	43 - 133	28 - 148	
bis (2-Chloroisopropyl) ether	5.00	3.513		mg/Kg	70	27 - 147	7 - 167	
Bis(2-chloroethyl)ether	5.00	3.246		mg/Kg	65	46 - 124	33 - 137	
Bis(2-ethylhexyl) phthalate	5.00	4.146		mg/Kg	83	55 - 121	44 - 132	
Butyl benzyl phthalate	5.00	4.232		mg/Kg	85	43 - 139	27 - 155	
Chrysene	5.00	4.526		mg/Kg	91	45 - 117	33 - 129	
Dibenz(a,h)anthracene	5.00	4.818		mg/Kg	96	21 - 129	3 - 147	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-85792/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Dibenzofuran	5.00	4.041		mg/Kg	81	46 - 130	32 - 144	
Diethyl phthalate	5.00	4.209		mg/Kg	84	44 - 134	29 - 149	
Dimethyl phthalate	5.00	4.135		mg/Kg	83	51 - 123	39 - 135	
Di-n-butyl phthalate	5.00	4.244		mg/Kg	85	44 - 134	29 - 149	
Di-n-octyl phthalate	5.00	4.563		mg/Kg	91	18 - 150	1 - 172	
Fluoranthene	5.00	4.558		mg/Kg	91	39 - 129	24 - 144	
Fluorene	5.00	4.344		mg/Kg	87	54 - 126	42 - 138	
Hexachloro-1,3-butadiene	5.00	4.083		mg/Kg	82	40 - 136	24 - 152	
Hexachlorobenzene	5.00	4.511		mg/Kg	90	40 - 136	24 - 152	
Hexachlorocyclopentadiene	5.00	5.426		mg/Kg	109	31 - 115	17 - 129	
Hexachloroethane	5.00	3.241		mg/Kg	65	40 - 124	26 - 138	
Indeno[1,2,3-cd]pyrene	5.00	4.849		mg/Kg	97	70 - 130	60 - 140	
Isophorone	5.00	3.742		mg/Kg	75	70 - 130	60 - 140	
Naphthalene	5.00	3.885		mg/Kg	78	32 - 146	13 - 165	
Nitrobenzene	5.00	3.534		mg/Kg	71	41 - 137	25 - 153	
N-Nitrosodimethylamine	5.00	2.783		mg/Kg	56	45 - 129	31 - 143	
N-Nitrosodi-n-propylamine	5.00	3.413		mg/Kg	68	40 - 136	24 - 152	
N-Nitrosodiphenylamine	5.00	4.863		mg/Kg	97	51 - 150	34 - 166	
Pentachlorophenol	5.00	4.098		mg/Kg	82	23 - 131	5 - 149	
Phenanthrene	5.00	4.405		mg/Kg	88	38 - 140	21 - 157	
Phenol	5.00	3.394		mg/Kg	68	40 - 130	25 - 145	
Pyrene	5.00	4.381		mg/Kg	88	47 - 143	31 - 159	
Pyridine	5.00	2.117	* me	mg/Kg	42	46 - 88	39 - 95	ME

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	1

ME = Marginal Exceedance

Lab Sample ID: LCSD 570-85792/3-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	5.00	4.253		mg/Kg	85	45 - 129	31 - 143	
1,2-Dichlorobenzene	5.00	3.777		mg/Kg	76	45 - 123	32 - 136	
1,3-Dichlorobenzene	5.00	3.655		mg/Kg	73	45 - 123	32 - 136	
1,4-Dichlorobenzene	5.00	3.658		mg/Kg	73	42 - 132	27 - 147	
1-Methylnaphthalene	5.00	4.604		mg/Kg	92	45 - 105	35 - 115	
2,4,5-Trichlorophenol	5.00	4.907		mg/Kg	98	43 - 127	29 - 141	
2,4,6-Trichlorophenol	5.00	5.000		mg/Kg	100	48 - 126	35 - 139	
2,4-Dichlorophenol	5.00	4.618		mg/Kg	92	49 - 127	36 - 140	
2,4-Dimethylphenol	5.00	4.358		mg/Kg	87	45 - 147	28 - 164	
2,4-Dinitrophenol	5.00	5.180		mg/Kg	104	18 - 138	1 - 158	
2,4-Dinitrotoluene	5.00	5.176		mg/Kg	104	51 - 129	38 - 142	
2,6-Dichlorophenol	5.00	4.583		mg/Kg	92	55 - 115	45 - 127	
2,6-Dinitrotoluene	5.00	5.113		mg/Kg	102	44 - 140	28 - 156	
2-Chloronaphthalene	5.00	4.734		mg/Kg	95	45 - 129	31 - 143	
2-Chlorophenol	5.00	4.077		mg/Kg	82	58 - 124	47 - 135	
2-Methylnaphthalene	5.00	4.488		mg/Kg	90	42 - 132	27 - 147	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85792/3-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
2-Methylphenol	5.00	4.093		mg/Kg	82	45 - 129	31 - 143	
2-Nitroaniline	5.00	4.390		mg/Kg	88	35 - 150	16 - 169	
2-Nitrophenol	5.00	4.676		mg/Kg	94	50 - 140	35 - 155	
3 & 4 Methylphenol	10.0	7.472	*1	mg/Kg	75	37 - 127	22 - 142	
3,3'-Dichlorobenzidine	5.00	4.784		mg/Kg	96	20 - 150	1 - 172	
3-Nitroaniline	5.00	4.285		mg/Kg	86	24 - 120	8 - 136	
4,6-Dinitro-2-methylphenol	5.00	5.162		mg/Kg	103	36 - 138	19 - 155	
4-Bromophenyl phenyl ether	5.00	4.991		mg/Kg	100	39 - 135	23 - 151	
4-Chloro-3-methylphenol	5.00	4.503		mg/Kg	90	55 - 151	39 - 167	
4-Chloroaniline	5.00	3.813		mg/Kg	76	16 - 124	1 - 142	
4-Chlorophenyl phenyl ether	5.00	4.901		mg/Kg	98	45 - 135	30 - 150	
4-Nitroaniline	5.00	4.652	*1	mg/Kg	93	47 - 137	32 - 152	
4-Nitrophenol	5.00	5.224		mg/Kg	104	24 - 126	7 - 143	
Acenaphthene	5.00	4.824		mg/Kg	96	51 - 123	39 - 135	
Acenaphthylene	5.00	5.178		mg/Kg	104	52 - 120	41 - 131	
Aniline	5.00	3.328		mg/Kg	67	50 - 130	37 - 146	
Anthracene	5.00	5.123	*1	mg/Kg	102	41 - 125	27 - 139	
Azobenzene	5.00	4.341		mg/Kg	87	60 - 140	47 - 153	
Benzidine	5.00	4.728	J * me	mg/Kg	95	20 - 92	8 - 104	ME
Benzo[a]anthracene	5.00	5.478		mg/Kg	110	45 - 117	33 - 129	
Benzo[a]pyrene	5.00	5.921		mg/Kg	118	41 - 125	27 - 139	
Benzo[b]fluoranthene	5.00	5.441		mg/Kg	109	41 - 137	25 - 153	
Benzo[g,h,i]perylene	5.00	5.432		mg/Kg	109	16 - 124	1 - 142	
Benzo[k]fluoranthene	5.00	5.517		mg/Kg	110	42 - 144	25 - 161	
Benzoic acid	5.00	4.551	*1	mg/Kg	91	18 - 150	1 - 172	
Benzyl alcohol	5.00	3.976		mg/Kg	80	46 - 150	29 - 167	
Bis(2-chloroethoxy)methane	5.00	4.289		mg/Kg	86	43 - 133	28 - 148	
bis (2-Chloroisopropyl) ether	5.00	4.017	*1	mg/Kg	80	27 - 147	7 - 167	
Bis(2-chloroethyl)ether	5.00	3.718		mg/Kg	74	46 - 124	33 - 137	
Bis(2-ethylhexyl) phthalate	5.00	4.764	*1	mg/Kg	95	55 - 121	44 - 132	
Butyl benzyl phthalate	5.00	4.878		mg/Kg	98	43 - 139	27 - 155	
Chrysene	5.00	4.977		mg/Kg	100	45 - 117	33 - 129	
Dibenz(a,h)anthracene	5.00	5.363		mg/Kg	107	21 - 129	3 - 147	
Dibenzofuran	5.00	4.495		mg/Kg	90	46 - 130	32 - 144	
Diethyl phthalate	5.00	4.874	*1	mg/Kg	97	44 - 134	29 - 149	
Dimethyl phthalate	5.00	4.677		mg/Kg	94	51 - 123	39 - 135	
Di-n-butyl phthalate	5.00	4.975	*1	mg/Kg	100	44 - 134	29 - 149	
Di-n-octyl phthalate	5.00	5.250	*1	mg/Kg	105	18 - 150	1 - 172	
Fluoranthene	5.00	5.355	*1	mg/Kg	107	39 - 129	24 - 144	
Fluorene	5.00	4.910		mg/Kg	98	54 - 126	42 - 138	
Hexachloro-1,3-butadiene	5.00	4.553		mg/Kg	91	40 - 136	24 - 152	
Hexachlorobenzene	5.00	5.083	*1	mg/Kg	102	40 - 136	24 - 152	
Hexachlorocyclopentadiene	5.00	5.680		mg/Kg	114	31 - 115	17 - 129	
Hexachloroethane	5.00	3.664		mg/Kg	73	40 - 124	26 - 138	
Indeno[1,2,3-cd]pyrene	5.00	5.424		mg/Kg	108	70 - 130	60 - 140	
Isophorone	5.00	4.198		mg/Kg	84	70 - 130	60 - 140	
Naphthalene	5.00	4.268		mg/Kg	85	32 - 146	13 - 165	
Nitrobenzene	5.00	3.935		mg/Kg	79	41 - 137	25 - 153	
N-Nitrosodimethylamine	5.00	3.125		mg/Kg	63	45 - 129	31 - 143	
N-Nitrosodi-n-propylamine	5.00	4.025		mg/Kg	81	40 - 136	24 - 152	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-85792/3-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
N-Nitrosodiphenylamine	5.00	5.527	*1	mg/Kg	111	51 - 150	34 - 166	
Pentachlorophenol	5.00	4.364		mg/Kg	87	23 - 131	5 - 149	
Phenanthrene	5.00	5.031	*1	mg/Kg	101	38 - 140	21 - 157	
Phenol	5.00	3.846		mg/Kg	77	40 - 130	25 - 145	
Pyrene	5.00	4.981		mg/Kg	100	47 - 143	31 - 159	
Pyridine	5.00	2.335		mg/Kg	47	46 - 88	39 - 95	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	1

ME = Marginal Exceedance

Lab Sample ID: LCS 570-86209/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	96.55		ug/L	97	49 - 120	37 - 132	
1,2-Dichlorobenzene	100	91.07		ug/L	91	35 - 105	23 - 117	
1,3-Dichlorobenzene	100	92.30		ug/L	92	30 - 100	18 - 112	
1,4-Dichlorobenzene	100	90.73		ug/L	91	30 - 100	18 - 112	
1-Methylnaphthalene	100	97.07		ug/L	97	45 - 105	35 - 115	
2,4,5-Trichlorophenol	100	97.98		ug/L	98	50 - 110	40 - 120	
2,4,6-Trichlorophenol	100	104.7		ug/L	105	50 - 115	39 - 126	
2,4-Dichlorophenol	100	99.46		ug/L	99	50 - 105	41 - 114	
2,4-Dimethylphenol	100	90.53		ug/L	91	30 - 110	17 - 123	
2,4-Dinitrophenol	100	100.0		ug/L	100	15 - 140	-6 - 161	
2,4-Dinitrotoluene	100	101.6		ug/L	102	50 - 120	38 - 132	
2,6-Dichlorophenol	100	95.95		ug/L	96	42 - 120	29 - 133	
2,6-Dinitrotoluene	100	104.2		ug/L	104	50 - 115	39 - 126	
2-Chloronaphthalene	100	98.05		ug/L	98	50 - 105	41 - 114	
2-Chlorophenol	100	86.41		ug/L	86	35 - 105	23 - 117	
2-Methylnaphthalene	100	96.72		ug/L	97	45 - 105	35 - 115	
2-Methylphenol	100	75.51		ug/L	76	40 - 110	28 - 122	
2-Nitroaniline	100	87.28		ug/L	87	50 - 115	39 - 126	
2-Nitrophenol	100	98.68		ug/L	99	40 - 115	28 - 128	
3 & 4 Methylphenol	200	129.1		ug/L	65	30 - 110	17 - 123	
3,3'-Dichlorobenzidine	100	104.3		ug/L	104	10 - 125	1 - 144	
3-Nitroaniline	100	89.64		ug/L	90	20 - 125	2 - 142	
4,6-Dinitro-2-methylphenol	100	101.5		ug/L	102	40 - 130	25 - 145	
4-Bromophenyl phenyl ether	100	110.4		ug/L	110	50 - 115	39 - 126	
4-Chloro-3-methylphenol	100	89.28		ug/L	89	45 - 110	34 - 121	
4-Chloroaniline	100	82.70		ug/L	83	15 - 110	1 - 126	
4-Chlorophenyl phenyl ether	100	102.6		ug/L	103	50 - 110	40 - 120	
4-Nitroaniline	100	91.11		ug/L	91	35 - 120	21 - 134	
4-Nitrophenol	100	47.01		ug/L	47	20 - 150	1 - 172	
Acenaphthene	100	99.70		ug/L	100	45 - 110	34 - 121	
Acenaphthylene	100	105.3		ug/L	105	50 - 105	41 - 114	
Aniline	100	70.94		ug/L	71	30 - 120	15 - 135	
Anthracene	100	103.4		ug/L	103	55 - 110	46 - 119	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-86209/2-A
Matrix: Water

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Azobenzene	100	92.09		ug/L	92	50 - 130	37 - 143	
Benzidine	100	108.4		ug/L	108	24 - 150	3 - 171	
Benzo[a]anthracene	100	109.3		ug/L	109	55 - 110	46 - 119	
Benzo[a]pyrene	100	104.3		ug/L	104	55 - 110	46 - 119	
Benzo[b]fluoranthene	100	104.1		ug/L	104	45 - 120	32 - 132	
Benzo[g,h,i]perylene	100	104.2		ug/L	104	40 - 125	26 - 139	
Benzo[k]fluoranthene	100	93.67		ug/L	94	45 - 125	32 - 138	
Benzoic acid	100	32.10	J	ug/L	32	0.1 - 125	1 - 146	
Benzyl alcohol	100	74.41		ug/L	74	30 - 110	17 - 123	
Bis(2-chloroethoxy)methane	100	92.64		ug/L	93	45 - 105	35 - 115	
bis (2-Chloroisopropyl) ether	100	93.33		ug/L	93	25 - 130	8 - 148	
Bis(2-chloroethyl)ether	100	88.27		ug/L	88	35 - 110	22 - 122	
Bis(2-ethylhexyl) phthalate	100	98.16		ug/L	98	40 - 125	26 - 139	
Butyl benzyl phthalate	100	101.3		ug/L	101	45 - 115	33 - 127	
Chrysene	100	98.56		ug/L	99	55 - 110	46 - 119	
Dibenz(a,h)anthracene	100	102.9		ug/L	103	40 - 125	26 - 139	
Dibenzofuran	100	93.27		ug/L	93	55 - 105	47 - 113	
Diethyl phthalate	100	98.01		ug/L	98	40 - 120	27 - 133	
Dimethyl phthalate	100	97.04		ug/L	97	25 - 125	8 - 142	
Di-n-butyl phthalate	100	98.30		ug/L	98	55 - 115	45 - 125	
Di-n-octyl phthalate	100	101.7		ug/L	102	35 - 135	18 - 152	
Fluoranthene	100	102.0		ug/L	102	55 - 115	45 - 125	
Fluorene	100	100.4		ug/L	100	50 - 110	40 - 120	
Hexachloro-1,3-butadiene	100	107.1	* me	ug/L	107	25 - 105	12 - 118	ME
Hexachlorobenzene	100	105.3		ug/L	105	50 - 110	40 - 120	
Hexachlorocyclopentadiene	100	124.1	*	ug/L	124	31 - 109	18 - 122	X
Hexachloroethane	100	89.74		ug/L	90	30 - 95	19 - 106	
Indeno[1,2,3-cd]pyrene	100	102.9		ug/L	103	45 - 125	32 - 138	
Isophorone	100	90.74		ug/L	91	50 - 110	40 - 120	
Naphthalene	100	95.34		ug/L	95	40 - 100	30 - 110	
Nitrobenzene	100	86.24		ug/L	86	45 - 110	34 - 121	
N-Nitrosodimethylamine	100	54.56		ug/L	55	25 - 110	11 - 124	
N-Nitrosodi-n-propylamine	100	85.62		ug/L	86	35 - 130	19 - 146	
N-Nitrosodiphenylamine	100	117.2	* me	ug/L	117	50 - 110	40 - 120	ME
Pentachlorophenol	100	88.91		ug/L	89	40 - 115	28 - 128	
Phenanthrene	100	102.8		ug/L	103	50 - 115	39 - 126	
Phenol	100	36.43		ug/L	36	10 - 115	1 - 132	
Pyrene	100	104.8		ug/L	105	50 - 130	37 - 143	
Pyridine	100	53.99		ug/L	54	36 - 96	26 - 106	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	2

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86209/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	100	95.17		ug/L	95	49 - 120	37 - 132	
1,2-Dichlorobenzene	100	91.64		ug/L	92	35 - 105	23 - 117	
1,3-Dichlorobenzene	100	90.08		ug/L	90	30 - 100	18 - 112	
1,4-Dichlorobenzene	100	88.78		ug/L	89	30 - 100	18 - 112	
1-Methylnaphthalene	100	95.46		ug/L	95	45 - 105	35 - 115	
2,4,5-Trichlorophenol	100	98.47		ug/L	98	50 - 110	40 - 120	
2,4,6-Trichlorophenol	100	101.1		ug/L	101	50 - 115	39 - 126	
2,4-Dichlorophenol	100	96.00		ug/L	96	50 - 105	41 - 114	
2,4-Dimethylphenol	100	84.91		ug/L	85	30 - 110	17 - 123	
2,4-Dinitrophenol	100	97.82		ug/L	98	15 - 140	-6 - 161	
2,4-Dinitrotoluene	100	101.5		ug/L	101	50 - 120	38 - 132	
2,6-Dichlorophenol	100	93.88		ug/L	94	42 - 120	29 - 133	
2,6-Dinitrotoluene	100	101.9		ug/L	102	50 - 115	39 - 126	
2-Chloronaphthalene	100	94.03		ug/L	94	50 - 105	41 - 114	
2-Chlorophenol	100	86.90		ug/L	87	35 - 105	23 - 117	
2-Methylnaphthalene	100	94.01		ug/L	94	45 - 105	35 - 115	
2-Methylphenol	100	75.53		ug/L	76	40 - 110	28 - 122	
2-Nitroaniline	100	84.04		ug/L	84	50 - 115	39 - 126	
2-Nitrophenol	100	94.10		ug/L	94	40 - 115	28 - 128	
3 & 4 Methylphenol	200	130.1		ug/L	65	30 - 110	17 - 123	
3,3'-Dichlorobenzidine	100	100.7		ug/L	101	10 - 125	1 - 144	
3-Nitroaniline	100	88.61		ug/L	89	20 - 125	2 - 142	
4,6-Dinitro-2-methylphenol	100	99.64		ug/L	100	40 - 130	25 - 145	
4-Bromophenyl phenyl ether	100	106.5		ug/L	106	50 - 115	39 - 126	
4-Chloro-3-methylphenol	100	86.40		ug/L	86	45 - 110	34 - 121	
4-Chloroaniline	100	82.23		ug/L	82	15 - 110	1 - 126	
4-Chlorophenyl phenyl ether	100	103.4		ug/L	103	50 - 110	40 - 120	
4-Nitroaniline	100	87.34		ug/L	87	35 - 120	21 - 134	
4-Nitrophenol	100	44.40		ug/L	44	20 - 150	1 - 172	
Acenaphthene	100	95.48		ug/L	95	45 - 110	34 - 121	
Acenaphthylene	100	101.8		ug/L	102	50 - 105	41 - 114	
Aniline	100	71.45		ug/L	71	30 - 120	15 - 135	
Anthracene	100	96.99		ug/L	97	55 - 110	46 - 119	
Azobenzene	100	85.30		ug/L	85	50 - 130	37 - 143	
Benzidine	100	105.8		ug/L	106	24 - 150	3 - 171	
Benzo[a]anthracene	100	104.9		ug/L	105	55 - 110	46 - 119	
Benzo[a]pyrene	100	96.13		ug/L	96	55 - 110	46 - 119	
Benzo[b]fluoranthene	100	98.14		ug/L	98	45 - 120	32 - 132	
Benzo[g,h,i]perylene	100	96.18		ug/L	96	40 - 125	26 - 139	
Benzo[k]fluoranthene	100	85.46		ug/L	85	45 - 125	32 - 138	
Benzoic acid	100	30.33	J	ug/L	30	0.1 - 125	1 - 146	
Benzyl alcohol	100	73.19		ug/L	73	30 - 110	17 - 123	
Bis(2-chloroethoxy)methane	100	87.46		ug/L	87	45 - 105	35 - 115	
bis (2-Chloroisopropyl) ether	100	91.69		ug/L	92	25 - 130	8 - 148	
Bis(2-chloroethyl)ether	100	85.53		ug/L	86	35 - 110	22 - 122	
Bis(2-ethylhexyl) phthalate	100	97.87		ug/L	98	40 - 125	26 - 139	
Butyl benzyl phthalate	100	98.32		ug/L	98	45 - 115	33 - 127	
Chrysene	100	94.68		ug/L	95	55 - 110	46 - 119	
Dibenz(a,h)anthracene	100	96.89		ug/L	97	40 - 125	26 - 139	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-86209/3-A
Matrix: Water

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Dibenzofuran	100	90.78		ug/L	91	55 - 105	47 - 113	
Diethyl phthalate	100	98.15		ug/L	98	40 - 120	27 - 133	
Dimethyl phthalate	100	95.04		ug/L	95	25 - 125	8 - 142	
Di-n-butyl phthalate	100	96.90		ug/L	97	55 - 115	45 - 125	
Di-n-octyl phthalate	100	98.97		ug/L	99	35 - 135	18 - 152	
Fluoranthene	100	95.37		ug/L	95	55 - 115	45 - 125	
Fluorene	100	100.6		ug/L	101	50 - 110	40 - 120	
Hexachloro-1,3-butadiene	100	106.3	* me	ug/L	106	25 - 105	12 - 118	ME
Hexachlorobenzene	100	98.52		ug/L	99	50 - 110	40 - 120	
Hexachlorocyclopentadiene	100	123.3	*	ug/L	123	31 - 109	18 - 122	X
Hexachloroethane	100	91.38		ug/L	91	30 - 95	19 - 106	
Indeno[1,2,3-cd]pyrene	100	95.79		ug/L	96	45 - 125	32 - 138	
Isophorone	100	85.88		ug/L	86	50 - 110	40 - 120	
Naphthalene	100	91.18		ug/L	91	40 - 100	30 - 110	
Nitrobenzene	100	79.54		ug/L	80	45 - 110	34 - 121	
N-Nitrosodimethylamine	100	42.84	*1	ug/L	43	25 - 110	11 - 124	
N-Nitrosodi-n-propylamine	100	86.08		ug/L	86	35 - 130	19 - 146	
N-Nitrosodiphenylamine	100	110.8	* me	ug/L	111	50 - 110	40 - 120	ME
Pentachlorophenol	100	85.28		ug/L	85	40 - 115	28 - 128	
Phenanthrene	100	96.10		ug/L	96	50 - 115	39 - 126	
Phenol	100	35.41		ug/L	35	10 - 115	1 - 132	
Pyrene	100	102.2		ug/L	102	50 - 130	37 - 143	
Pyridine	100	40.52	*1	ug/L	41	36 - 96	26 - 106	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	2

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Lab Sample ID: LCS 570-87538/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	5.00	3.850		mg/Kg	77	45 - 129	31 - 143	
1,2-Dichlorobenzene	5.00	3.374		mg/Kg	67	45 - 123	32 - 136	
1,3-Dichlorobenzene	5.00	3.673		mg/Kg	73	45 - 123	32 - 136	
1,4-Dichlorobenzene	5.00	3.616		mg/Kg	72	42 - 132	27 - 147	
1-Methylnaphthalene	5.00	3.672		mg/Kg	73	45 - 105	35 - 115	
2,4,5-Trichlorophenol	5.00	3.427		mg/Kg	69	43 - 127	29 - 141	
2,4,6-Trichlorophenol	5.00	3.558		mg/Kg	71	48 - 126	35 - 139	
2,4-Dichlorophenol	5.00	3.450		mg/Kg	69	49 - 127	36 - 140	
2,4-Dimethylphenol	5.00	3.711		mg/Kg	74	45 - 147	28 - 164	
2,4-Dinitrophenol	5.00	3.572		mg/Kg	71	18 - 138	1 - 158	
2,4-Dinitrotoluene	5.00	3.662		mg/Kg	73	51 - 129	38 - 142	
2,6-Dichlorophenol	5.00	3.497		mg/Kg	70	55 - 115	45 - 127	
2,6-Dinitrotoluene	5.00	3.687		mg/Kg	74	44 - 140	28 - 156	
2-Chloronaphthalene	5.00	4.081		mg/Kg	82	45 - 129	31 - 143	
2-Chlorophenol	5.00	3.270		mg/Kg	65	58 - 124	47 - 135	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87538/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
2-Methylnaphthalene	5.00	3.599		mg/Kg	72	42 - 132	27 - 147	
2-Methylphenol	5.00	3.003		mg/Kg	60	45 - 129	31 - 143	
2-Nitroaniline	5.00	4.354		mg/Kg	87	35 - 150	16 - 169	
2-Nitrophenol	5.00	3.376		mg/Kg	68	50 - 140	35 - 155	
3 & 4 Methylphenol	10.0	5.557		mg/Kg	56	37 - 127	22 - 142	
3,3'-Dichlorobenzidine	5.00	3.449		mg/Kg	69	20 - 150	1 - 172	
3-Nitroaniline	5.00	3.798		mg/Kg	76	24 - 120	8 - 136	
4,6-Dinitro-2-methylphenol	5.00	3.362		mg/Kg	67	36 - 138	19 - 155	
4-Bromophenyl phenyl ether	5.00	4.280		mg/Kg	86	39 - 135	23 - 151	
4-Chloro-3-methylphenol	5.00	3.606		mg/Kg	72	55 - 151	39 - 167	
4-Chloroaniline	5.00	3.380		mg/Kg	68	16 - 124	1 - 142	
4-Chlorophenyl phenyl ether	5.00	5.437		mg/Kg	109	45 - 135	30 - 150	
4-Nitroaniline	5.00	5.041		mg/Kg	101	47 - 137	32 - 152	
4-Nitrophenol	5.00	3.930		mg/Kg	79	24 - 126	7 - 143	
Acenaphthene	5.00	3.777		mg/Kg	76	51 - 123	39 - 135	
Acenaphthylene	5.00	3.990		mg/Kg	80	52 - 120	41 - 131	
Aniline	5.00	3.153		mg/Kg	63	50 - 130	37 - 146	
Anthracene	5.00	3.792		mg/Kg	76	41 - 125	27 - 139	
Azobenzene	5.00	3.465		mg/Kg	69	60 - 140	47 - 153	
Benzidine	5.00	3.214	J	mg/Kg	64	20 - 92	8 - 104	
Benzo[a]anthracene	5.00	3.953		mg/Kg	79	45 - 117	33 - 129	
Benzo[a]pyrene	5.00	3.771		mg/Kg	75	41 - 125	27 - 139	
Benzo[b]fluoranthene	5.00	3.508		mg/Kg	70	41 - 137	25 - 153	
Benzo[g,h,i]perylene	5.00	4.016		mg/Kg	80	16 - 124	1 - 142	
Benzo[k]fluoranthene	5.00	3.444		mg/Kg	69	42 - 144	25 - 161	
Benzoic acid	5.00	3.641		mg/Kg	73	18 - 150	1 - 172	
Benzyl alcohol	5.00	3.115		mg/Kg	62	46 - 150	29 - 167	
Bis(2-chloroethoxy)methane	5.00	4.154		mg/Kg	83	43 - 133	28 - 148	
bis (2-Chloroisopropyl) ether	5.00	4.261		mg/Kg	85	27 - 147	7 - 167	
Bis(2-chloroethyl)ether	5.00	3.676		mg/Kg	74	46 - 124	33 - 137	
Bis(2-ethylhexyl) phthalate	5.00	3.371		mg/Kg	67	55 - 121	44 - 132	
Butyl benzyl phthalate	5.00	3.531		mg/Kg	71	43 - 139	27 - 155	
Chrysene	5.00	3.664		mg/Kg	73	45 - 117	33 - 129	
Dibenz(a,h)anthracene	5.00	3.932		mg/Kg	79	21 - 129	3 - 147	
Dibenzofuran	5.00	3.468		mg/Kg	69	46 - 130	32 - 144	
Diethyl phthalate	5.00	4.663		mg/Kg	93	44 - 134	29 - 149	
Dimethyl phthalate	5.00	3.620		mg/Kg	72	51 - 123	39 - 135	
Di-n-butyl phthalate	5.00	3.535		mg/Kg	71	44 - 134	29 - 149	
Di-n-octyl phthalate	5.00	3.336		mg/Kg	67	18 - 150	1 - 172	
Fluoranthene	5.00	3.641		mg/Kg	73	39 - 129	24 - 144	
Fluorene	5.00	4.884		mg/Kg	98	54 - 126	42 - 138	
Hexachloro-1,3-butadiene	5.00	4.059		mg/Kg	81	40 - 136	24 - 152	
Hexachlorobenzene	5.00	4.297		mg/Kg	86	40 - 136	24 - 152	
Hexachlorocyclopentadiene	5.00	6.225	* me	mg/Kg	125	31 - 115	17 - 129	ME
Hexachloroethane	5.00	3.353		mg/Kg	67	40 - 124	26 - 138	
Indeno[1,2,3-cd]pyrene	5.00	3.896		mg/Kg	78	70 - 130	60 - 140	
Isophorone	5.00	3.609		mg/Kg	72	70 - 130	60 - 140	
Naphthalene	5.00	3.591		mg/Kg	72	32 - 146	13 - 165	
Nitrobenzene	5.00	3.509		mg/Kg	70	41 - 137	25 - 153	
N-Nitrosodimethylamine	5.00	4.292		mg/Kg	86	45 - 129	31 - 143	

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-87538/2-A
Matrix: Solid

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
N-Nitrosodi-n-propylamine	5.00	3.756		mg/Kg	75	40 - 136	24 - 152	
N-Nitrosodiphenylamine	5.00	4.939		mg/Kg	99	51 - 150	34 - 166	
Pentachlorophenol	5.00	3.237		mg/Kg	65	23 - 131	5 - 149	
Phenanthrene	5.00	3.719		mg/Kg	74	38 - 140	21 - 157	
Phenol	5.00	3.328		mg/Kg	67	40 - 130	25 - 145	
Pyrene	5.00	3.857		mg/Kg	77	47 - 143	31 - 159	
Pyridine	13.0	2.828	*	mg/Kg	22	46 - 88	39 - 95	X

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	1

ME = Marginal Exceedance
X = % Recovery is greater than widest possible limit

Lab Sample ID: LCSD 570-87538/3-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
1,2,4-Trichlorobenzene	5.00	3.959		mg/Kg	79	45 - 129	31 - 143	
1,2-Dichlorobenzene	5.00	3.731		mg/Kg	75	45 - 123	32 - 136	
1,3-Dichlorobenzene	5.00	3.687		mg/Kg	74	45 - 123	32 - 136	
1,4-Dichlorobenzene	5.00	3.582		mg/Kg	72	42 - 132	27 - 147	
1-Methylnaphthalene	5.00	3.722		mg/Kg	74	45 - 105	35 - 115	
2,4,5-Trichlorophenol	5.00	3.489		mg/Kg	70	43 - 127	29 - 141	
2,4,6-Trichlorophenol	5.00	3.525		mg/Kg	71	48 - 126	35 - 139	
2,4-Dichlorophenol	5.00	3.593		mg/Kg	72	49 - 127	36 - 140	
2,4-Dimethylphenol	5.00	3.497		mg/Kg	70	45 - 147	28 - 164	
2,4-Dinitrophenol	5.00	3.701		mg/Kg	74	18 - 138	1 - 158	
2,4-Dinitrotoluene	5.00	3.677		mg/Kg	74	51 - 129	38 - 142	
2,6-Dichlorophenol	5.00	3.556		mg/Kg	71	55 - 115	45 - 127	
2,6-Dinitrotoluene	5.00	3.701		mg/Kg	74	44 - 140	28 - 156	
2-Chloronaphthalene	5.00	3.942		mg/Kg	79	45 - 129	31 - 143	
2-Chlorophenol	5.00	3.252		mg/Kg	65	58 - 124	47 - 135	
2-Methylnaphthalene	5.00	3.596		mg/Kg	72	42 - 132	27 - 147	
2-Methylphenol	5.00	3.394		mg/Kg	68	45 - 129	31 - 143	
2-Nitroaniline	5.00	3.932		mg/Kg	79	35 - 150	16 - 169	
2-Nitrophenol	5.00	3.333		mg/Kg	67	50 - 140	35 - 155	
3 & 4 Methylphenol	10.0	6.318		mg/Kg	63	37 - 127	22 - 142	
3,3'-Dichlorobenzidine	5.00	3.417		mg/Kg	68	20 - 150	1 - 172	
3-Nitroaniline	5.00	3.708		mg/Kg	74	24 - 120	8 - 136	
4,6-Dinitro-2-methylphenol	5.00	3.334		mg/Kg	67	36 - 138	19 - 155	
4-Bromophenyl phenyl ether	5.00	4.099		mg/Kg	82	39 - 135	23 - 151	
4-Chloro-3-methylphenol	5.00	3.587		mg/Kg	72	55 - 151	39 - 167	
4-Chloroaniline	5.00	3.391		mg/Kg	68	16 - 124	1 - 142	
4-Chlorophenyl phenyl ether	5.00	4.236	*1	mg/Kg	85	45 - 135	30 - 150	
4-Nitroaniline	5.00	4.074	*1	mg/Kg	81	47 - 137	32 - 152	
4-Nitrophenol	5.00	3.630		mg/Kg	73	24 - 126	7 - 143	
Acenaphthene	5.00	3.704		mg/Kg	74	51 - 123	39 - 135	
Acenaphthylene	5.00	3.942		mg/Kg	79	52 - 120	41 - 131	

Marginal Exceedance (ME) Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-87538/3-A
Matrix: Solid

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	%Rec	%Rec. Limits	ME %Rec. Limits	Marginal Exceedance Status
Aniline	5.00	3.203		mg/Kg	64	50 - 130	37 - 146	
Anthracene	5.00	3.773		mg/Kg	75	41 - 125	27 - 139	
Azobenzene	5.00	3.423		mg/Kg	68	60 - 140	47 - 153	
Benzidine	5.00	3.041	J	mg/Kg	61	20 - 92	8 - 104	
Benzo[a]anthracene	5.00	3.898		mg/Kg	78	45 - 117	33 - 129	
Benzo[a]pyrene	5.00	3.684		mg/Kg	74	41 - 125	27 - 139	
Benzo[b]fluoranthene	5.00	3.593		mg/Kg	72	41 - 137	25 - 153	
Benzo[g,h,i]perylene	5.00	4.005		mg/Kg	80	16 - 124	1 - 142	
Benzo[k]fluoranthene	5.00	3.280		mg/Kg	66	42 - 144	25 - 161	
Benzoic acid	5.00	3.730		mg/Kg	75	18 - 150	1 - 172	
Benzyl alcohol	5.00	3.342		mg/Kg	67	46 - 150	29 - 167	
Bis(2-chloroethoxy)methane	5.00	3.990		mg/Kg	80	43 - 133	28 - 148	
bis (2-Chloroisopropyl) ether	5.00	4.323		mg/Kg	86	27 - 147	7 - 167	
Bis(2-chloroethyl)ether	5.00	3.727		mg/Kg	75	46 - 124	33 - 137	
Bis(2-ethylhexyl) phthalate	5.00	3.308		mg/Kg	66	55 - 121	44 - 132	
Butyl benzyl phthalate	5.00	3.529		mg/Kg	71	43 - 139	27 - 155	
Chrysene	5.00	3.558		mg/Kg	71	45 - 117	33 - 129	
Dibenz(a,h)anthracene	5.00	3.906		mg/Kg	78	21 - 129	3 - 147	
Dibenzofuran	5.00	3.503		mg/Kg	70	46 - 130	32 - 144	
Diethyl phthalate	5.00	3.665	*1	mg/Kg	73	44 - 134	29 - 149	
Dimethyl phthalate	5.00	3.651		mg/Kg	73	51 - 123	39 - 135	
Di-n-butyl phthalate	5.00	3.538		mg/Kg	71	44 - 134	29 - 149	
Di-n-octyl phthalate	5.00	3.324		mg/Kg	66	18 - 150	1 - 172	
Fluoranthene	5.00	3.691		mg/Kg	74	39 - 129	24 - 144	
Fluorene	5.00	3.812		mg/Kg	76	54 - 126	42 - 138	
Hexachloro-1,3-butadiene	5.00	4.022		mg/Kg	80	40 - 136	24 - 152	
Hexachlorobenzene	5.00	4.105		mg/Kg	82	40 - 136	24 - 152	
Hexachlorocyclopentadiene	5.00	6.017	* me	mg/Kg	120	31 - 115	17 - 129	ME
Hexachloroethane	5.00	3.635		mg/Kg	73	40 - 124	26 - 138	
Indeno[1,2,3-cd]pyrene	5.00	3.878		mg/Kg	78	70 - 130	60 - 140	
Isophorone	5.00	3.404	* me	mg/Kg	68	70 - 130	60 - 140	ME
Naphthalene	5.00	3.533		mg/Kg	71	32 - 146	13 - 165	
Nitrobenzene	5.00	3.197		mg/Kg	64	41 - 137	25 - 153	
N-Nitrosodimethylamine	5.00	3.527	*1	mg/Kg	71	45 - 129	31 - 143	
N-Nitrosodi-n-propylamine	5.00	3.943		mg/Kg	79	40 - 136	24 - 152	
N-Nitrosodiphenylamine	5.00	4.802		mg/Kg	96	51 - 150	34 - 166	
Pentachlorophenol	5.00	3.286		mg/Kg	66	23 - 131	5 - 149	
Phenanthrene	5.00	3.654		mg/Kg	73	38 - 140	21 - 157	
Phenol	5.00	3.396		mg/Kg	68	40 - 130	25 - 145	
Pyrene	5.00	3.830		mg/Kg	77	47 - 143	31 - 159	
Pyridine	5.00	2.316		mg/Kg	46	46 - 88	39 - 95	

Summary

Number of Analytes Reported	Number of Marginal Exceedances Allowed	Number of Marginal Exceedances Found
72	4	2

ME = Marginal Exceedance

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

GC/MS VOA

Prep Batch: 85861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	5035	
570-34864-24 - DL	SF1530-1-0.5	Total/NA	Solid	5035	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	5035	
570-34864-25 - DL	SF1530-1-0.5D	Total/NA	Solid	5035	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	5035	
570-34864-27 - DL	SF1530-3-3.0	Total/NA	Solid	5035	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	5035	
570-34864-28 - DL	VB27599-1-S	Total/NA	Solid	5035	
570-34864-28	VB27599-1-S	Total/NA	Solid	5035	
570-34864-29 - DL	V881-1-S	Total/NA	Solid	5035	
570-34864-29	V881-1-S	Total/NA	Solid	5035	
570-34864-31	CT814	Total/NA	Solid	5035	

Prep Batch: 85862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	5035	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	5035	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	5035	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	5035	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	5035	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	5035	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	5035	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	5035	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	5035	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	5035	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	5035	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	5035	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	5035	

Analysis Batch: 85947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-2	TK130-2	Total/NA	Water	8260B	
570-34864-3	TK130-3	Total/NA	Water	8260B	
570-34864-4	EB	Total/NA	Water	8260B	
MB 570-85947/9	Method Blank	Total/NA	Water	8260B	
LCS 570-85947/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-85947/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 85956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-5	TB-1	Total/NA	Water	8260B	
570-34864-6	TB-2	Total/NA	Water	8260B	
570-34864-7	TB-3	Total/NA	Water	8260B	
570-34864-8	TB-4	Total/NA	Water	8260B	
570-34864-9	TB-5	Total/NA	Water	8260B	
570-34864-10	TB-6	Total/NA	Water	8260B	
MB 570-85956/11	Method Blank	Total/NA	Water	8260B	
LCS 570-85956/4	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-85956/5	Lab Control Sample Dup	Total/NA	Water	8260B	

GC/MS VOA

Analysis Batch: 85981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8260B	85862
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8260B	85862
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8260B	85862
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8260B	85862
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8260B	85862
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8260B	85862
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8260B	85862
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8260B	85862
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8260B	85862
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8260B	85862
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8260B	85862
MB 570-85981/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-85981/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-85981/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 86028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8260B	85862
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8260B	85862
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8260B	85861
570-34864-24 - DL	SF1530-1-0.5	Total/NA	Solid	8260B	85861
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8260B	85861
570-34864-25 - DL	SF1530-1-0.5D	Total/NA	Solid	8260B	85861
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8260B	85861
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8260B	85861
570-34864-27 - DL	SF1530-3-3.0	Total/NA	Solid	8260B	85861
570-34864-28	VB27599-1-S	Total/NA	Solid	8260B	85861
570-34864-28 - DL	VB27599-1-S	Total/NA	Solid	8260B	85861
570-34864-29	V881-1-S	Total/NA	Solid	8260B	85861
570-34864-29 - DL	V881-1-S	Total/NA	Solid	8260B	85861
MB 570-86028/10	Method Blank	Total/NA	Solid	8260B	
MB 570-86028/9	Method Blank	Total/NA	Solid	8260B	
LCS 570-86028/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-86028/7	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 88024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8260B	
570-34864-5 - RA	TB-1	Total/NA	Water	8260B	
570-34864-6 - RA	TB-2	Total/NA	Water	8260B	
570-34864-7 - RA	TB-3	Total/NA	Water	8260B	
570-34864-8 - RA	TB-4	Total/NA	Water	8260B	
570-34864-9 - RA	TB-5	Total/NA	Water	8260B	
570-34864-10 - RA	TB-6	Total/NA	Water	8260B	
MB 570-88024/8	Method Blank	Total/NA	Water	8260B	
LCS 570-88024/3	Lab Control Sample	Total/NA	Water	8260B	
LCSD 570-88024/4	Lab Control Sample Dup	Total/NA	Water	8260B	

Analysis Batch: 88073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	8260B	85861

GC/MS VOA (Continued)

Analysis Batch: 88073 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-88073/7	Method Blank	Total/NA	Solid	8260B	
LCS 570-88073/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-88073/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 85792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3545	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	3545	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	3545	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	3545	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	3545	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	3545	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	3545	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	3545	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	3545	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	3545	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	3545	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	3545	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	3545	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	3545	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	3545	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	3545	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	3545	
570-34864-28	VB27599-1-S	Total/NA	Solid	3545	
570-34864-29	V881-1-S	Total/NA	Solid	3545	
MB 570-85792/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-85792/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-85792/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-34864-13 MS	PT1419-2-1.5D	Total/NA	Solid	3545	
570-34864-13 MSD	PT1419-2-1.5D	Total/NA	Solid	3545	

Prep Batch: 86006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	3510C	
570-34864-2	TK130-2	Total/NA	Water	3510C	
570-34864-3	TK130-3	Total/NA	Water	3510C	
MB 570-86006/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-86006/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-86006/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Prep Batch: 86050

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3545	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	3545	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	3545	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	3545	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	3545	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	3545	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	3545	

GC/MS Semi VOA (Continued)

Prep Batch: 86050 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-18	SF1515-1-0.5	Total/NA	Solid	3545	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	3545	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	3545	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	3545	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	3545	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	3545	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	3545	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	3545	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	3545	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	3545	
570-34864-28	VB27599-1-S	Total/NA	Solid	3545	
570-34864-29	V881-1-S	Total/NA	Solid	3545	
MB 570-86050/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-86050/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-86050/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-34864-13 MS	PT1419-2-1.5D	Total/NA	Solid	3545	
570-34864-13 MSD	PT1419-2-1.5D	Total/NA	Solid	3545	

Analysis Batch: 86128

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8270C	85792
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8270C	85792
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8270C	85792
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8270C	85792
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8270C	85792
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8270C	85792
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8270C	85792
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8270C	85792
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8270C	85792
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8270C	85792
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8270C	85792
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8270C	85792
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8270C	85792
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8270C	85792
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8270C	85792
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8270C	85792
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8270C	85792
570-34864-28	VB27599-1-S	Total/NA	Solid	8270C	85792
570-34864-29	V881-1-S	Total/NA	Solid	8270C	85792
MB 570-85792/1-A	Method Blank	Total/NA	Solid	8270C	85792
LCS 570-85792/2-A	Lab Control Sample	Total/NA	Solid	8270C	85792
LCSD 570-85792/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	85792
570-34864-13 MS	PT1419-2-1.5D	Total/NA	Solid	8270C	85792
570-34864-13 MSD	PT1419-2-1.5D	Total/NA	Solid	8270C	85792

Prep Batch: 86209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	3510C	
570-34864-2	TK130-2	Total/NA	Water	3510C	
570-34864-3	TK130-3	Total/NA	Water	3510C	
570-34864-4	EB	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 86209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-86209/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-86209/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-86209/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 86333

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8270C SIM	86006
570-34864-2	TK130-2	Total/NA	Water	8270C SIM	86006
570-34864-3	TK130-3	Total/NA	Water	8270C SIM	86006
MB 570-86006/1-A	Method Blank	Total/NA	Water	8270C SIM	86006
LCS 570-86006/2-A	Lab Control Sample	Total/NA	Water	8270C SIM	86006
LCSD 570-86006/3-A	Lab Control Sample Dup	Total/NA	Water	8270C SIM	86006

Analysis Batch: 86385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8270C	86209
570-34864-2	TK130-2	Total/NA	Water	8270C	86209
570-34864-3	TK130-3	Total/NA	Water	8270C	86209
570-34864-4	EB	Total/NA	Water	8270C	86209
MB 570-86209/1-A	Method Blank	Total/NA	Water	8270C	86209
LCS 570-86209/2-A	Lab Control Sample	Total/NA	Water	8270C	86209
LCSD 570-86209/3-A	Lab Control Sample Dup	Total/NA	Water	8270C	86209

Analysis Batch: 87235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8270C SIM	86050
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-28	VB27599-1-S	Total/NA	Solid	8270C SIM	86050
570-34864-29	V881-1-S	Total/NA	Solid	8270C SIM	86050
MB 570-86050/1-A	Method Blank	Total/NA	Solid	8270C SIM	86050
LCS 570-86050/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	86050
LCSD 570-86050/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	86050
570-34864-13 MS	PT1419-2-1.5D	Total/NA	Solid	8270C SIM	86050
570-34864-13 MSD	PT1419-2-1.5D	Total/NA	Solid	8270C SIM	86050

GC/MS Semi VOA

Analysis Batch: 87530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8270C SIM	86050
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8270C SIM	86050
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8270C SIM	86050
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8270C SIM	86050
570-34864-28	VB27599-1-S	Total/NA	Solid	8270C SIM	86050
570-34864-29	V881-1-S	Total/NA	Solid	8270C SIM	86050

Prep Batch: 87538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	3545	
MB 570-87538/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-87538/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-87538/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	

Analysis Batch: 87929

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	8270C	87538
MB 570-87538/1-A	Method Blank	Total/NA	Solid	8270C	87538
LCS 570-87538/2-A	Lab Control Sample	Total/NA	Solid	8270C	87538
LCSD 570-87538/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	87538

Prep Batch: 87978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	3545	
MB 570-87978/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-87978/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-87978/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	

Analysis Batch: 88278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	8270C SIM	87978
MB 570-87978/1-A	Method Blank	Total/NA	Solid	8270C SIM	87978
LCS 570-87978/2-A	Lab Control Sample	Total/NA	Solid	8270C SIM	87978
LCSD 570-87978/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C SIM	87978

Analysis Batch: 88606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8270C	85792
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8270C	85792
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8270C	85792
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8270C	85792
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8270C	85792
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8270C	85792
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8270C	85792
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8270C	85792
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8270C	85792

GC/MS Semi VOA (Continued)

Analysis Batch: 88606 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8270C	85792
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8270C	85792
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8270C	85792
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8270C	85792
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8270C	85792
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8270C	85792
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8270C	85792
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8270C	85792
570-34864-28	VB27599-1-S	Total/NA	Solid	8270C	85792
570-34864-29	V881-1-S	Total/NA	Solid	8270C	85792
MB 570-85792/1-A	Method Blank	Total/NA	Solid	8270C	85792

Analysis Batch: 88618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8270C	86209
570-34864-2	TK130-2	Total/NA	Water	8270C	86209
570-34864-3	TK130-3	Total/NA	Water	8270C	86209
570-34864-4	EB	Total/NA	Water	8270C	86209
MB 570-86209/1-A	Method Blank	Total/NA	Water	8270C	86209

GC VOA

Prep Batch: 85861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	5035	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	5035	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	5035	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	5035	
570-34864-28	VB27599-1-S	Total/NA	Solid	5035	
570-34864-29	V881-1-S	Total/NA	Solid	5035	
570-34864-31	CT814	Total/NA	Solid	5035	

Prep Batch: 85862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	5035	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	5035	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	5035	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	5035	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	5035	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	5035	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	5035	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	5035	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	5035	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	5035	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	5035	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	5035	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	5035	

Analysis Batch: 86092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8015B	85862

GC VOA (Continued)

Analysis Batch: 86092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8015B	85862
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8015B	85862
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8015B	85862
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8015B	85862
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8015B	85862
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8015B	85862
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8015B	85862
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8015B	85862
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8015B	85862
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8015B	85862
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8015B	85862
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8015B	85862
MB 570-86092/13	Method Blank	Total/NA	Solid	8015B	
LCS 570-86092/10	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-86092/11	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 86348

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8015B	85861
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8015B	85861
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8015B	85861
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8015B	85861
570-34864-28	VB27599-1-S	Total/NA	Solid	8015B	85861
570-34864-29	V881-1-S	Total/NA	Solid	8015B	85861
MB 570-86348/6	Method Blank	Total/NA	Solid	8015B	
LCS 570-86348/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-86348/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 86819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8015B	
570-34864-2	TK130-2	Total/NA	Water	8015B	
570-34864-3	TK130-3	Total/NA	Water	8015B	
570-34864-4	EB	Total/NA	Water	8015B	
MB 570-86819/5	Method Blank	Total/NA	Water	8015B	
LCS 570-86819/3	Lab Control Sample	Total/NA	Water	8015B	
LCSD 570-86819/4	Lab Control Sample Dup	Total/NA	Water	8015B	

Analysis Batch: 87846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	8015B	85861
MB 570-87846/11	Method Blank	Total/NA	Solid	8015B	
LCS 570-87846/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-87846/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 85800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3545	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	3545	

GC Semi VOA (Continued)

Prep Batch: 85800 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	3545	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	3545	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	3545	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	3545	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	3545	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	3545	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	3545	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	3545	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	3545	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	3545	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	3545	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	3545	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	3545	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	3545	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	3545	
570-34864-28	VB27599-1-S	Total/NA	Solid	3545	
570-34864-29	V881-1-S	Total/NA	Solid	3545	
MB 570-85800/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-85800/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-85800/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-34864-13 MS	PT1419-2-1.5D	Total/NA	Solid	3545	
570-34864-13 MSD	PT1419-2-1.5D	Total/NA	Solid	3545	

Analysis Batch: 85951

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8082	85800
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8082	85800
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8082	85800
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8082	85800
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8082	85800
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8082	85800
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8082	85800
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8082	85800
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8082	85800
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8082	85800
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8082	85800
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8082	85800
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8082	85800
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8082	85800
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8082	85800
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8082	85800
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8082	85800
570-34864-28	VB27599-1-S	Total/NA	Solid	8082	85800
570-34864-29	V881-1-S	Total/NA	Solid	8082	85800
MB 570-85800/1-A	Method Blank	Total/NA	Solid	8082	85800
LCS 570-85800/2-A	Lab Control Sample	Total/NA	Solid	8082	85800
LCSD 570-85800/3-A	Lab Control Sample Dup	Total/NA	Solid	8082	85800
570-34864-13 MS	PT1419-2-1.5D	Total/NA	Solid	8082	85800
570-34864-13 MSD	PT1419-2-1.5D	Total/NA	Solid	8082	85800

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Prep Batch: 86427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	3510C	
570-34864-2	TK130-2	Total/NA	Water	3510C	
570-34864-3	TK130-3	Total/NA	Water	3510C	
MB 570-86427/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-86427/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-86427/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 86749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8082	86427
570-34864-2	TK130-2	Total/NA	Water	8082	86427
570-34864-3	TK130-3	Total/NA	Water	8082	86427
MB 570-86427/1-A	Method Blank	Total/NA	Water	8082	86427
LCS 570-86427/2-A	Lab Control Sample	Total/NA	Water	8082	86427
LCSD 570-86427/3-A	Lab Control Sample Dup	Total/NA	Water	8082	86427

Prep Batch: 87087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	3510C	
570-34864-2	TK130-2	Total/NA	Water	3510C	
570-34864-3	TK130-3	Total/NA	Water	3510C	
570-34864-4	EB	Total/NA	Water	3510C	
MB 570-87087/1-A	Method Blank	Total/NA	Water	3510C	
LCS 570-87087/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 570-87087/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 87520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8015B	87087
570-34864-2	TK130-2	Total/NA	Water	8015B	87087
570-34864-3	TK130-3	Total/NA	Water	8015B	87087
570-34864-4	EB	Total/NA	Water	8015B	87087
MB 570-87087/1-A	Method Blank	Total/NA	Water	8015B	87087
LCS 570-87087/2-A	Lab Control Sample	Total/NA	Water	8015B	87087
LCSD 570-87087/3-A	Lab Control Sample Dup	Total/NA	Water	8015B	87087

Prep Batch: 87535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	3545	
MB 570-87535/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-87535/4-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-87535/5-A	Lab Control Sample Dup	Total/NA	Solid	3545	

Analysis Batch: 87713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	8082	87535
MB 570-87535/1-A	Method Blank	Total/NA	Solid	8082	87535
LCS 570-87535/4-A	Lab Control Sample	Total/NA	Solid	8082	87535
LCSD 570-87535/5-A	Lab Control Sample Dup	Total/NA	Solid	8082	87535

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

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Analysis Batch: 87838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	8015B	87914
570-34864-12	PT1419-2-1.5	Total/NA	Solid	8015B	87914
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	8015B	87914
570-34864-15	SF1604-1-0.5	Total/NA	Solid	8015B	87914
570-34864-16	SF1604-2-1.5	Total/NA	Solid	8015B	87914
570-34864-17	SF1604-3-3.0	Total/NA	Solid	8015B	87914
570-34864-18	SF1515-1-0.5	Total/NA	Solid	8015B	87914
570-34864-19	SF1515-2-1.5	Total/NA	Solid	8015B	87914
570-34864-20	SF1515-3-3.0	Total/NA	Solid	8015B	87914
570-34864-21	PT3138-1-0.5	Total/NA	Solid	8015B	87914
570-34864-22	PT3138-2-0.5	Total/NA	Solid	8015B	87914
570-34864-23	PT3138-3-0.5	Total/NA	Solid	8015B	87914
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8015B	87914
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8015B	87914
570-34864-28	VB27599-1-S	Total/NA	Solid	8015B	87914
570-34864-29	V881-1-S	Total/NA	Solid	8015B	87914
MB 570-87914/1-A	Method Blank	Total/NA	Solid	8015B	87914
LCS 570-87914/2-A	Lab Control Sample	Total/NA	Solid	8015B	87914
LCSD 570-87914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	87914
570-34864-14 MS	PT1419-3-3.0	Total/NA	Solid	8015B	87914
570-34864-14 MSD	PT1419-3-3.0	Total/NA	Solid	8015B	87914

Prep Batch: 87914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3550C	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	3550C	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	3550C	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	3550C	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	3550C	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	3550C	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	3550C	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	3550C	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	3550C	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	3550C	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	3550C	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	3550C	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	3550C	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	3550C	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	3550C	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	3550C	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	3550C	
570-34864-28	VB27599-1-S	Total/NA	Solid	3550C	
570-34864-29	V881-1-S	Total/NA	Solid	3550C	
570-34864-31	CT814	Total/NA	Solid	3550C	
MB 570-87914/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-87914/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-87914/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-34864-14 MS	PT1419-3-3.0	Total/NA	Solid	3550C	
570-34864-14 MSD	PT1419-3-3.0	Total/NA	Solid	3550C	

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Analysis Batch: 88265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-14	PT1419-3-3.0	Total/NA	Solid	8015B	87914
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8015B	87914
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8015B	87914
570-34864-31	CT814	Total/NA	Solid	8015B	87914

HPLC/IC

Analysis Batch: 85446

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	7199	
570-34864-2	TK130-2	Total/NA	Water	7199	
570-34864-3	TK130-3	Total/NA	Water	7199	
570-34864-4	EB	Total/NA	Water	7199	
MB 570-85446/5	Method Blank	Total/NA	Water	7199	
LCS 570-85446/6	Lab Control Sample	Total/NA	Water	7199	
LCSD 570-85446/7	Lab Control Sample Dup	Total/NA	Water	7199	
570-34864-1 MS	TK130-1	Total/NA	Water	7199	
570-34864-1 MSD	TK130-1	Total/NA	Water	7199	

Leach Batch: 86205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	STLC DI	Solid	CA WET DI Leach	
570-34864-31 MS	CT814	STLC DI	Solid	CA WET DI Leach	
570-34864-31 MSD	CT814	STLC DI	Solid	CA WET DI Leach	

Leach Batch: 86429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	DI Leach	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	DI Leach	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	DI Leach	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	DI Leach	
570-34864-28	VB27599-1-S	Total/NA	Solid	DI Leach	
570-34864-29	V881-1-S	Total/NA	Solid	DI Leach	
MB 570-86429/1-A	Method Blank	Total/NA	Solid	DI Leach	
LCS 570-86429/2-A	Lab Control Sample	Total/NA	Solid	DI Leach	
LCSD 570-86429/3-A	Lab Control Sample Dup	Total/NA	Solid	DI Leach	

Analysis Batch: 86588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	STLC DI	Solid	7199	86205
MB 570-86588/5	Method Blank	Total/NA	Solid	7199	
LCS 570-86588/6	Lab Control Sample	Total/NA	Solid	7199	
LCSD 570-86588/7	Lab Control Sample Dup	Total/NA	Solid	7199	
570-34864-31 MS	CT814	STLC DI	Solid	7199	86205
570-34864-31 MSD	CT814	STLC DI	Solid	7199	86205

Analysis Batch: 86694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-86429/1-A	Method Blank	Total/NA	Solid	300.0	86429

HPLC/IC (Continued)

Analysis Batch: 86694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-86429/2-A	Lab Control Sample	Total/NA	Solid	300.0	86429
LCSD 570-86429/3-A	Lab Control Sample Dup	Total/NA	Solid	300.0	86429

Analysis Batch: 86708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	7199	86762
570-34864-12	PT1419-2-1.5	Total/NA	Solid	7199	86762
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	7199	86762
570-34864-14	PT1419-3-3.0	Total/NA	Solid	7199	86762
MB 570-86762/1-A	Method Blank	Total/NA	Solid	7199	86762
LCS 570-86762/2-A	Lab Control Sample	Total/NA	Solid	7199	86762
LCSD 570-86762/3-A	Lab Control Sample Dup	Total/NA	Solid	7199	86762

Prep Batch: 86762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3060A	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	3060A	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	3060A	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	3060A	
MB 570-86762/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-86762/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-86762/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	

Analysis Batch: 86948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	300.0	86429
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	300.0	86429
570-34864-26	SF1530-2-1.5	Total/NA	Solid	300.0	86429
570-34864-27	SF1530-3-3.0	Total/NA	Solid	300.0	86429
570-34864-28	VB27599-1-S	Total/NA	Solid	300.0	86429
570-34864-29	V881-1-S	Total/NA	Solid	300.0	86429
MB 570-86948/5	Method Blank	Total/NA	Solid	300.0	
LCS 570-86948/6	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-86948/7	Lab Control Sample Dup	Total/NA	Solid	300.0	

Prep Batch: 87126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3060A	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	3060A	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	3060A	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	3060A	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	3060A	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	3060A	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	3060A	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	3060A	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	3060A	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	3060A	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	3060A	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	3060A	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	3060A	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	3060A	

HPLC/IC (Continued)

Prep Batch: 87126 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-28	VB27599-1-S	Total/NA	Solid	3060A	
570-34864-29	V881-1-S	Total/NA	Solid	3060A	
MB 570-87126/1-A	Method Blank	Total/NA	Solid	3060A	
LCS 570-87126/2-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSD 570-87126/3-A	Lab Control Sample Dup	Total/NA	Solid	3060A	
570-34864-11 MS	PT1419-1-0.5	Total/NA	Solid	3060A	
570-34864-11 MSD	PT1419-1-0.5	Total/NA	Solid	3060A	

Analysis Batch: 87201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	7199	87126
570-34864-15	SF1604-1-0.5	Total/NA	Solid	7199	87126
570-34864-16	SF1604-2-1.5	Total/NA	Solid	7199	87126
570-34864-17	SF1604-3-3.0	Total/NA	Solid	7199	87126
570-34864-18	SF1515-1-0.5	Total/NA	Solid	7199	87126
570-34864-19	SF1515-2-1.5	Total/NA	Solid	7199	87126
570-34864-20	SF1515-3-3.0	Total/NA	Solid	7199	87126
570-34864-21	PT3138-1-0.5	Total/NA	Solid	7199	87126
570-34864-22	PT3138-2-0.5	Total/NA	Solid	7199	87126
570-34864-23	PT3138-3-0.5	Total/NA	Solid	7199	87126
570-34864-24	SF1530-1-0.5	Total/NA	Solid	7199	87126
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	7199	87126
570-34864-26	SF1530-2-1.5	Total/NA	Solid	7199	87126
570-34864-27	SF1530-3-3.0	Total/NA	Solid	7199	87126
570-34864-28	VB27599-1-S	Total/NA	Solid	7199	87126
570-34864-29	V881-1-S	Total/NA	Solid	7199	87126
MB 570-87126/1-A	Method Blank	Total/NA	Solid	7199	87126
LCS 570-87126/2-A	Lab Control Sample	Total/NA	Solid	7199	87126
LCSD 570-87126/3-A	Lab Control Sample Dup	Total/NA	Solid	7199	87126
570-34864-11 MS	PT1419-1-0.5	Total/NA	Solid	7199	87126
570-34864-11 MSD	PT1419-1-0.5	Total/NA	Solid	7199	87126

Analysis Batch: 87210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	300.0	
570-34864-2	TK130-2	Total/NA	Water	300.0	
570-34864-3	TK130-3	Total/NA	Water	300.0	
MB 570-87210/20	Method Blank	Total/NA	Water	300.0	
LCS 570-87210/21	Lab Control Sample	Total/NA	Water	300.0	
LCSD 570-87210/22	Lab Control Sample Dup	Total/NA	Water	300.0	

Leach Batch: 87963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	TCLP	Solid	1311	
LB 570-87963/1-A	Method Blank	TCLP	Solid	1311	
LCS 570-87963/2-A	Lab Control Sample	TCLP	Solid	1311	
LCSD 570-87963/3-A	Lab Control Sample Dup	TCLP	Solid	1311	
570-34864-31 MS	CT814	TCLP	Solid	1311	
570-34864-31 MSD	CT814	TCLP	Solid	1311	

HPLC/IC

Analysis Batch: 88148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	TCLP	Solid	7199	87963
LB 570-87963/1-A	Method Blank	TCLP	Solid	7199	87963
LCS 570-87963/2-A	Lab Control Sample	TCLP	Solid	7199	87963
LCSD 570-87963/3-A	Lab Control Sample Dup	TCLP	Solid	7199	87963
570-34864-31 MS	CT814	TCLP	Solid	7199	87963
570-34864-31 MSD	CT814	TCLP	Solid	7199	87963

Prep Batch: 619617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8315_W_Prep	
570-34864-2	TK130-2	Total/NA	Water	8315_W_Prep	
570-34864-3	TK130-3	Total/NA	Water	8315_W_Prep	
MB 440-619617/1-A	Method Blank	Total/NA	Water	8315_W_Prep	
LCS 440-619617/2-A	Lab Control Sample	Total/NA	Water	8315_W_Prep	

Analysis Batch: 619672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	8315A	619617
570-34864-2	TK130-2	Total/NA	Water	8315A	619617
570-34864-3	TK130-3	Total/NA	Water	8315A	619617
MB 440-619617/1-A	Method Blank	Total/NA	Water	8315A	619617
LCS 440-619617/2-A	Lab Control Sample	Total/NA	Water	8315A	619617

Leach Batch: 620197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8315	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8315	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8315	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8315	
570-34864-28	VB27599-1-S	Total/NA	Solid	8315	
570-34864-29	V881-1-S	Total/NA	Solid	8315	
MB 440-620197/1-B	Method Blank	Total/NA	Solid	8315	
LCS 440-620197/2-B	Lab Control Sample	Total/NA	Solid	8315	
570-34864-24 MS	SF1530-1-0.5	Total/NA	Solid	8315	
570-34864-24 MSD	SF1530-1-0.5	Total/NA	Solid	8315	

Prep Batch: 620298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8315_W_Prep	620197
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8315_W_Prep	620197
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8315_W_Prep	620197
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8315_W_Prep	620197
570-34864-28	VB27599-1-S	Total/NA	Solid	8315_W_Prep	620197
570-34864-29	V881-1-S	Total/NA	Solid	8315_W_Prep	620197
MB 440-620197/1-B	Method Blank	Total/NA	Solid	8315_W_Prep	620197
LCS 440-620197/2-B	Lab Control Sample	Total/NA	Solid	8315_W_Prep	620197
570-34864-24 MS	SF1530-1-0.5	Total/NA	Solid	8315_W_Prep	620197
570-34864-24 MSD	SF1530-1-0.5	Total/NA	Solid	8315_W_Prep	620197

HPLC/IC

Analysis Batch: 620379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	8315A	620298
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	8315A	620298
570-34864-26	SF1530-2-1.5	Total/NA	Solid	8315A	620298
570-34864-27	SF1530-3-3.0	Total/NA	Solid	8315A	620298
570-34864-28	VB27599-1-S	Total/NA	Solid	8315A	620298
570-34864-29	V881-1-S	Total/NA	Solid	8315A	620298
MB 440-620197/1-B	Method Blank	Total/NA	Solid	8315A	620298
LCS 440-620197/2-B	Lab Control Sample	Total/NA	Solid	8315A	620298
570-34864-24 MS	SF1530-1-0.5	Total/NA	Solid	8315A	620298
570-34864-24 MSD	SF1530-1-0.5	Total/NA	Solid	8315A	620298

Metals

Prep Batch: 86234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	3050B	
MB 570-86234/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-86234/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-86234/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Prep Batch: 86237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	7471A	
MB 570-86237/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-86237/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-86237/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 86379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	7471A	86237
MB 570-86237/1-A	Method Blank	Total/NA	Solid	7471A	86237
LCS 570-86237/2-A	Lab Control Sample	Total/NA	Solid	7471A	86237
LCSD 570-86237/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	86237

Prep Batch: 86448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	3010A	
570-34864-2	TK130-2	Total/NA	Water	3010A	
570-34864-3	TK130-3	Total/NA	Water	3010A	
570-34864-4	EB	Total/NA	Water	3010A	
MB 570-86448/1-A	Method Blank	Total/NA	Water	3010A	
LCS 570-86448/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 570-86448/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 86469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-31	CT814	Total/NA	Solid	6010B	86234

Analysis Batch: 86600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	6010B	

Metals (Continued)

Analysis Batch: 86600 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-2	TK130-2	Total/NA	Water	6010B	
570-34864-3	TK130-3	Total/NA	Water	6010B	
570-34864-4	EB	Total/NA	Water	6010B	86448
MB 570-86448/1-A	Method Blank	Total/NA	Water	6010B	86448
LCS 570-86448/2-A	Lab Control Sample	Total/NA	Water	6010B	86448
LCSD 570-86448/3-A	Lab Control Sample Dup	Total/NA	Water	6010B	86448

Prep Batch: 86704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	7470A	
570-34864-2	TK130-2	Total/NA	Water	7470A	
570-34864-3	TK130-3	Total/NA	Water	7470A	
570-34864-4	EB	Total/NA	Water	7470A	
MB 570-86704/1-A	Method Blank	Total/NA	Water	7470A	
LCS 570-86704/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 570-86704/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
570-34864-1 MS	TK130-1	Total/NA	Water	7470A	
570-34864-1 MSD	TK130-1	Total/NA	Water	7470A	

Analysis Batch: 86789

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	7470A	86704
570-34864-2	TK130-2	Total/NA	Water	7470A	86704
570-34864-3	TK130-3	Total/NA	Water	7470A	86704
570-34864-4	EB	Total/NA	Water	7470A	86704
MB 570-86704/1-A	Method Blank	Total/NA	Water	7470A	86704
LCS 570-86704/2-A	Lab Control Sample	Total/NA	Water	7470A	86704
LCSD 570-86704/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	86704
570-34864-1 MS	TK130-1	Total/NA	Water	7470A	86704
570-34864-1 MSD	TK130-1	Total/NA	Water	7470A	86704

Analysis Batch: 86807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	6010B	86448
570-34864-2	TK130-2	Total/NA	Water	6010B	86448
570-34864-3	TK130-3	Total/NA	Water	6010B	86448

Analysis Batch: 86837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-86234/1-A	Method Blank	Total/NA	Solid	6010B	86234
LCS 570-86234/2-A	Lab Control Sample	Total/NA	Solid	6010B	86234
LCSD 570-86234/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	86234

Prep Batch: 87451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	3050B	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	3050B	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	3050B	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	3050B	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	3050B	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 87451 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-17	SF1604-3-3.0	Total/NA	Solid	3050B	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	3050B	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	3050B	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	3050B	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	3050B	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	3050B	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	3050B	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	3050B	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	3050B	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	3050B	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	3050B	
570-34864-28	VB27599-1-S	Total/NA	Solid	3050B	
570-34864-29	V881-1-S	Total/NA	Solid	3050B	
MB 570-87451/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-87451/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-87451/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-34864-11 MS	PT1419-1-0.5	Total/NA	Solid	3050B	
570-34864-11 MSD	PT1419-1-0.5	Total/NA	Solid	3050B	

Prep Batch: 87452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	7471A	
570-34864-12	PT1419-2-1.5	Total/NA	Solid	7471A	
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	7471A	
570-34864-14	PT1419-3-3.0	Total/NA	Solid	7471A	
570-34864-15	SF1604-1-0.5	Total/NA	Solid	7471A	
570-34864-16	SF1604-2-1.5	Total/NA	Solid	7471A	
570-34864-17	SF1604-3-3.0	Total/NA	Solid	7471A	
570-34864-18	SF1515-1-0.5	Total/NA	Solid	7471A	
570-34864-19	SF1515-2-1.5	Total/NA	Solid	7471A	
570-34864-20	SF1515-3-3.0	Total/NA	Solid	7471A	
570-34864-21	PT3138-1-0.5	Total/NA	Solid	7471A	
570-34864-22	PT3138-2-0.5	Total/NA	Solid	7471A	
570-34864-23	PT3138-3-0.5	Total/NA	Solid	7471A	
570-34864-24	SF1530-1-0.5	Total/NA	Solid	7471A	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	7471A	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	7471A	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	7471A	
570-34864-28	VB27599-1-S	Total/NA	Solid	7471A	
570-34864-29	V881-1-S	Total/NA	Solid	7471A	
MB 570-87452/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-87452/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-87452/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-34864-11 MS	PT1419-1-0.5	Total/NA	Solid	7471A	
570-34864-11 MSD	PT1419-1-0.5	Total/NA	Solid	7471A	

Analysis Batch: 87687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	6010B	87451
570-34864-12	PT1419-2-1.5	Total/NA	Solid	6010B	87451
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	6010B	87451

Metals (Continued)

Analysis Batch: 87687 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-14	PT1419-3-3.0	Total/NA	Solid	6010B	87451
570-34864-15	SF1604-1-0.5	Total/NA	Solid	6010B	87451
570-34864-16	SF1604-2-1.5	Total/NA	Solid	6010B	87451
570-34864-17	SF1604-3-3.0	Total/NA	Solid	6010B	87451
570-34864-18	SF1515-1-0.5	Total/NA	Solid	6010B	87451
570-34864-19	SF1515-2-1.5	Total/NA	Solid	6010B	87451
570-34864-20	SF1515-3-3.0	Total/NA	Solid	6010B	87451
570-34864-21	PT3138-1-0.5	Total/NA	Solid	6010B	87451
570-34864-22	PT3138-2-0.5	Total/NA	Solid	6010B	87451
570-34864-23	PT3138-3-0.5	Total/NA	Solid	6010B	87451
570-34864-24	SF1530-1-0.5	Total/NA	Solid	6010B	87451
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	6010B	87451
570-34864-26	SF1530-2-1.5	Total/NA	Solid	6010B	87451
570-34864-27	SF1530-3-3.0	Total/NA	Solid	6010B	87451
570-34864-28	VB27599-1-S	Total/NA	Solid	6010B	87451
570-34864-29	V881-1-S	Total/NA	Solid	6010B	87451
MB 570-87451/1-A	Method Blank	Total/NA	Solid	6010B	87451
LCS 570-87451/2-A	Lab Control Sample	Total/NA	Solid	6010B	87451
LCSD 570-87451/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	87451
570-34864-11 MS	PT1419-1-0.5	Total/NA	Solid	6010B	87451
570-34864-11 MSD	PT1419-1-0.5	Total/NA	Solid	6010B	87451

Analysis Batch: 87916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-11	PT1419-1-0.5	Total/NA	Solid	7471A	87452
570-34864-12	PT1419-2-1.5	Total/NA	Solid	7471A	87452
570-34864-13	PT1419-2-1.5D	Total/NA	Solid	7471A	87452
570-34864-14	PT1419-3-3.0	Total/NA	Solid	7471A	87452
570-34864-15	SF1604-1-0.5	Total/NA	Solid	7471A	87452
570-34864-16	SF1604-2-1.5	Total/NA	Solid	7471A	87452
570-34864-17	SF1604-3-3.0	Total/NA	Solid	7471A	87452
570-34864-18	SF1515-1-0.5	Total/NA	Solid	7471A	87452
570-34864-19	SF1515-2-1.5	Total/NA	Solid	7471A	87452
570-34864-20	SF1515-3-3.0	Total/NA	Solid	7471A	87452
570-34864-21	PT3138-1-0.5	Total/NA	Solid	7471A	87452
570-34864-22	PT3138-2-0.5	Total/NA	Solid	7471A	87452
570-34864-23	PT3138-3-0.5	Total/NA	Solid	7471A	87452
570-34864-24	SF1530-1-0.5	Total/NA	Solid	7471A	87452
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	7471A	87452
570-34864-26	SF1530-2-1.5	Total/NA	Solid	7471A	87452
570-34864-27	SF1530-3-3.0	Total/NA	Solid	7471A	87452
570-34864-28	VB27599-1-S	Total/NA	Solid	7471A	87452
570-34864-29	V881-1-S	Total/NA	Solid	7471A	87452
MB 570-87452/1-A	Method Blank	Total/NA	Solid	7471A	87452
LCS 570-87452/2-A	Lab Control Sample	Total/NA	Solid	7471A	87452
LCSD 570-87452/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	87452
570-34864-11 MS	PT1419-1-0.5	Total/NA	Solid	7471A	87452
570-34864-11 MSD	PT1419-1-0.5	Total/NA	Solid	7471A	87452

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

General Chemistry

Analysis Batch: 85910

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-1	TK130-1	Total/NA	Water	LACSD 258	
570-34864-2	TK130-2	Total/NA	Water	LACSD 258	
570-34864-3	TK130-3	Total/NA	Water	LACSD 258	
MB 570-85910/4	Method Blank	Total/NA	Water	LACSD 258	
LCS 570-85910/5	Lab Control Sample	Total/NA	Water	LACSD 258	
LCSD 570-85910/6	Lab Control Sample Dup	Total/NA	Water	LACSD 258	
570-34864-1 MS	TK130-1	Total/NA	Water	LACSD 258	
570-34864-1 MSD	TK130-1	Total/NA	Water	LACSD 258	
570-34864-1 DU	TK130-1	Total/NA	Water	LACSD 258	

Leach Batch: 88459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	DI Leach	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	DI Leach	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	DI Leach	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	DI Leach	
570-34864-28	VB27599-1-S	Total/NA	Solid	DI Leach	
570-34864-29	V881-1-S	Total/NA	Solid	DI Leach	

Analysis Batch: 88462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	9045C	88459
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	9045C	88459
570-34864-26	SF1530-2-1.5	Total/NA	Solid	9045C	88459
570-34864-27	SF1530-3-3.0	Total/NA	Solid	9045C	88459
570-34864-28	VB27599-1-S	Total/NA	Solid	9045C	88459
570-34864-29	V881-1-S	Total/NA	Solid	9045C	88459

Analysis Batch: 620670

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	SM 2320B	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	SM 2320B	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	SM 2320B	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	SM 2320B	
570-34864-28	VB27599-1-S	Total/NA	Solid	SM 2320B	
570-34864-29	V881-1-S	Total/NA	Solid	SM 2320B	
MB 440-620670/2	Method Blank	Total/NA	Solid	SM 2320B	
LCS 440-620670/1	Lab Control Sample	Total/NA	Solid	SM 2320B	
570-34864-24 DU	SF1530-1-0.5	Total/NA	Solid	SM 2320B	

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: TK130-1

Date Collected: 08/04/20 08:21
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	88024	08/15/20 01:34	NET3	ECL 2
	Instrument ID: GCMSXX									
Total/NA	Prep	3510C			1061.8 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	86385	08/07/20 18:26	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3510C			1061.8 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1			88618	08/18/20 15:29	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3510C			1068.3 mL	2 mL	86006	08/06/20 07:03		ECL 1
Total/NA	Analysis	8270C SIM		1			86333	08/07/20 12:01	ULLI	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Analysis	8015B		1	5.02 mL	5 mL	86819	08/11/20 01:19	W6MG	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3510C			510.8 mL	2.5 mL	87087	08/11/20 14:00	UFLU	ECL 1
Total/NA	Analysis	8015B		1			87520	08/14/20 03:58	I9H5	ECL 1
	Instrument ID: GC45									
Total/NA	Prep	3510C			1071.5 mL	5 mL	86427	08/07/20 14:04	SAL	ECL 1
Total/NA	Analysis	8082		1			86749	08/10/20 11:11	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Analysis	300.0		400			87210	08/12/20 16:21	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	7199		2			85446	08/04/20 20:05	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	8315_W_Prep			100 mL	1 mL	619617	08/06/20 04:43	FTD	TAL IRV
Total/NA	Analysis	8315A		1			619672	08/06/20 14:25	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Analysis	6010B		1			86600	08/08/20 00:13	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	3010A			50 mL	50 mL	86448	08/07/20 15:19	OYW3	ECL 1
Total/NA	Analysis	6010B		10			86807	08/08/20 16:59	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	86704	08/10/20 06:30	WL8G	ECL 1
Total/NA	Analysis	7470A		1			86789	08/10/20 11:59	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	LACSD 258		1	5.0 mL	12.5 mL	85910	08/05/20 14:53	CO7S	ECL 1
	Instrument ID: UV7									

Client Sample ID: TK130-2

Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85947	08/06/20 03:46	NET3	ECL 2
	Instrument ID: GCMSPP									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: TK130-2

Date Collected: 08/04/20 08:39
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1074.9 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	86385	08/07/20 18:44	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3510C			1074.9 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1			88618	08/18/20 15:48	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3510C			1063.6 mL	2 mL	86006	08/06/20 07:03		ECL 1
Total/NA	Analysis	8270C SIM		1			86333	08/07/20 12:21	ULLI	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Analysis	8015B		1	5.02 mL	5 mL	86819	08/11/20 01:44	W6MG	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3510C			515.7 mL	2.5 mL	87087	08/11/20 14:00	UFLU	ECL 1
Total/NA	Analysis	8015B		1			87520	08/14/20 04:18	I9H5	ECL 1
	Instrument ID: GC45									
Total/NA	Prep	3510C			1066.4 mL	5 mL	86427	08/07/20 14:04	SAL	ECL 1
Total/NA	Analysis	8082		1			86749	08/10/20 11:29	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Analysis	300.0		400			87210	08/12/20 16:39	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	7199		2			85446	08/04/20 20:32	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	8315_W_Prep			100 mL	1 mL	619617	08/06/20 04:43	FTD	TAL IRV
Total/NA	Analysis	8315A		1			619672	08/06/20 14:44	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Analysis	6010B		1			86600	08/08/20 00:16	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	3010A			50 mL	50 mL	86448	08/07/20 15:19	OYW3	ECL 1
Total/NA	Analysis	6010B		10			86807	08/08/20 17:01	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	86704	08/10/20 06:30	WL8G	ECL 1
Total/NA	Analysis	7470A		1			86789	08/10/20 12:10	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	LACSD 258		1	5.0 mL	12.5 mL	85910	08/05/20 14:55	CO7S	ECL 1
	Instrument ID: UV7									

Client Sample ID: TK130-3

Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85947	08/06/20 04:15	NET3	ECL 2
	Instrument ID: GCMSPP									
Total/NA	Prep	3510C			1068 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	86385	08/07/20 15:59	N8CZ	ECL 1
	Instrument ID: GCMSCCC									

Client Sample ID: TK130-3

Date Collected: 08/04/20 08:54
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			1068 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1			88618	08/18/20 16:07	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3510C			1066 mL	2 mL	86006	08/06/20 07:03		ECL 1
Total/NA	Analysis	8270C SIM		1			86333	08/07/20 12:40	ULLI	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Analysis	8015B		1	5.02 mL	5 mL	86819	08/11/20 02:09	W6MG	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3510C			505.9 mL	2.5 mL	87087	08/11/20 14:00	UFLU	ECL 1
Total/NA	Analysis	8015B		1			87520	08/14/20 04:37	I9H5	ECL 1
	Instrument ID: GC45									
Total/NA	Prep	3510C			1064.4 mL	5 mL	86427	08/07/20 14:04	SAL	ECL 1
Total/NA	Analysis	8082		1			86749	08/10/20 11:47	UHHN	ECL 1
	Instrument ID: GC66									
Total/NA	Analysis	300.0		400			87210	08/12/20 16:58	URMH	ECL 1
	Instrument ID: IC10									
Total/NA	Analysis	7199		2			85446	08/04/20 20:41	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	8315_W_Prep			100 mL	1 mL	619617	08/06/20 04:43	FTD	TAL IRV
Total/NA	Analysis	8315A		1			619672	08/06/20 15:02	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Analysis	6010B		1			86600	08/08/20 00:18	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	3010A			50 mL	50 mL	86448	08/07/20 15:19	OYW3	ECL 1
Total/NA	Analysis	6010B		10			86807	08/08/20 17:03	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	86704	08/10/20 06:30	WL8G	ECL 1
Total/NA	Analysis	7470A		1			86789	08/10/20 12:11	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Analysis	LACSD 258		1	5.0 mL	12.5 mL	85910	08/05/20 14:56	CO7S	ECL 1
	Instrument ID: UV7									

Client Sample ID: EB

Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85947	08/06/20 00:48	NET3	ECL 2
	Instrument ID: GCMSPP									
Total/NA	Prep	3510C			1024.1 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	86385	08/07/20 16:17	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3510C			1024.1 mL	2 mL	86209	08/06/20 16:24	UM1W	ECL 1
Total/NA	Analysis	8270C		1			88618	08/18/20 16:26	N8CZ	ECL 1
	Instrument ID: GCMSTT									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: EB

Date Collected: 08/04/20 14:10
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015B		1	5.02 mL	5 mL	86819	08/10/20 18:34	W6MG	ECL 2
Total/NA	Prep	3510C			498.9 mL	2.5 mL	87087	08/11/20 14:00	UFLU	ECL 1
Total/NA	Analysis	8015B		1			87520	08/14/20 04:57	I9H5	ECL 1
	Instrument ID: GC45									
Total/NA	Analysis	7199		1			85446	08/04/20 20:50	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3010A			50 mL	50 mL	86448	08/07/20 15:19	OYW3	ECL 1
Total/NA	Analysis	6010B		1			86600	08/07/20 23:45	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7470A			50 mL	100 mL	86704	08/10/20 06:30	WL8G	ECL 1
Total/NA	Analysis	7470A		1			86789	08/10/20 12:13	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: TB-1

Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85956	08/06/20 01:08	NET3	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	88024	08/14/20 22:10	NET3	ECL 2
	Instrument ID: GCMSXX									

Client Sample ID: TB-2

Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85956	08/06/20 01:37	NET3	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	88024	08/14/20 22:35	NET3	ECL 2
	Instrument ID: GCMSXX									

Client Sample ID: TB-3

Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85956	08/06/20 02:07	NET3	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	88024	08/14/20 23:01	NET3	ECL 2
	Instrument ID: GCMSXX									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: TB-4

Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85956	08/06/20 02:36	NET3	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	88024	08/14/20 23:27	NET3	ECL 2
	Instrument ID: GCMSXX									

Client Sample ID: TB-5

Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85956	08/06/20 03:05	NET3	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	88024	08/14/20 23:52	NET3	ECL 2
	Instrument ID: GCMSXX									

Client Sample ID: TB-6

Date Collected: 08/04/20 00:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	5 mL	5 mL	85956	08/06/20 03:35	NET3	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Analysis	8260B	RA	1	5 mL	5 mL	88024	08/15/20 00:18	NET3	ECL 2
	Instrument ID: GCMSXX									

Client Sample ID: PT1419-1-0.5

Date Collected: 08/04/20 09:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.413 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/05/20 23:48	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.08 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 18:42	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.08 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 15:07	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			9.92 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 14:32	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.114 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 20:06	HKC	ECL 2
	Instrument ID: GC57									

Client Sample ID: PT1419-1-0.5

Lab Sample ID: 570-34864-11

Date Collected: 08/04/20 09:50

Matrix: Solid

Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.28 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			87838	08/14/20 21:29	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.00 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 01:08	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	86762	08/10/20 10:24	GMA	ECL 1
Total/NA	Analysis	7199		10			86708	08/10/20 15:14	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 20:07	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.05 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 12:56	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.62 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:28	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: PT1419-2-1.5

Lab Sample ID: 570-34864-12

Date Collected: 08/04/20 10:00

Matrix: Solid

Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.039 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 00:16	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.12 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 19:00	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.12 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 15:29	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			9.96 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 14:52	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.809 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 20:29	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			9.96 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			87838	08/14/20 21:49	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			19.93 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 01:26	UHHN	ECL 1
	Instrument ID: GC58									

Client Sample ID: PT1419-2-1.5

Date Collected: 08/04/20 10:00
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3060A			2.5 g	100 mL	86762	08/10/20 10:24	GMA	ECL 1
Total/NA	Analysis	7199		10			86708	08/10/20 15:23	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.03 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:03	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:34	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: PT1419-2-1.5D

Date Collected: 08/04/20 10:01
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.35 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 00:43	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.01 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 19:18	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.01 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 15:48	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.10 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 15:12	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			2.962 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 20:52	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			10.01 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			87838	08/14/20 22:09	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.01 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 01:44	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	86762	08/10/20 10:24	GMA	ECL 1
Total/NA	Analysis	7199		10			86708	08/10/20 15:58	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			1.99 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:05	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:35	MD3A	ECL 1
	Instrument ID: HG8									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: PT1419-3-3.0

Date Collected: 08/04/20 10:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.831 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 01:11	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.11 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 19:37	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.11 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 16:06	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.04 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 15:31	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.04 g	5 g	85862	08/05/20 12:33	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 21:16	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			10.61 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			88265	08/17/20 10:27	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			19.91 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 02:01	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	86762	08/10/20 10:24	GMA	ECL 1
Total/NA	Analysis	7199		10			86708	08/10/20 16:07	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			1.98 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:07	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:37	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1604-1-0.5

Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.16 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 01:38	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.09 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 19:55	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.09 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 16:24	N8CZ	ECL 1
	Instrument ID: GCMSCCC									

Client Sample ID: SF1604-1-0.5

Date Collected: 08/04/20 11:05
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			10.06 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			87235	08/12/20 15:51	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.06 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		4			87530	08/13/20 11:50	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.557 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 21:39	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			10.46 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			87838	08/14/20 22:50	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			19.93 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 02:19	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 20:43	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.03 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:09	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:43	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1604-2-1.5

Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.765 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 02:06	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			19.92 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 20:13	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			19.92 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 16:42	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			9.97 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 16:11	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			9.97 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87530	08/13/20 12:10	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									

Client Sample ID: SF1604-2-1.5

Date Collected: 08/04/20 11:11
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.593 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 22:49	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			9.91 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			87838	08/14/20 23:10	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			19.91 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 02:37	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 20:52	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.01 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:11	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.57 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:45	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1604-3-3.0

Date Collected: 08/04/20 11:07
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.982 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 02:33	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.17 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 20:32	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.17 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 17:01	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.17 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 16:30	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.17 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87530	08/13/20 12:30	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.473 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 23:12	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			9.84 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		1			87838	08/14/20 23:30	I9H5	ECL 1
	Instrument ID: GC50									

Client Sample ID: SF1604-3-3.0

Lab Sample ID: 570-34864-17

Date Collected: 08/04/20 11:07

Matrix: Solid

Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.13 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 02:55	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 21:01	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			1.96 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:13	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:47	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1515-1-0.5

Lab Sample ID: 570-34864-18

Date Collected: 08/04/20 11:20

Matrix: Solid

Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.059 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 03:01	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.17 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 20:50	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.17 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 17:19	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.07 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			87235	08/12/20 16:50	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.157 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 23:35	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			10.00 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			87838	08/14/20 23:50	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.07 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 03:13	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 21:10	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			1.99 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:16	OYW3	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: SF1515-1-0.5

Date Collected: 08/04/20 11:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			0.63 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:48	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1515-2-1.5

Date Collected: 08/04/20 11:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.545 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 03:28	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.01 g	4 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 21:08	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.01 g	4 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 17:37	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.03 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		2			87235	08/12/20 17:10	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.03 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		4			87530	08/13/20 12:49	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.43 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/06/20 23:59	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			9.70 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			87838	08/15/20 00:10	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			19.96 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 03:31	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 21:19	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			1.97 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:26	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:50	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1515-3-3.0

Date Collected: 08/04/20 11:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.681 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 03:56	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.03 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 21:27	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.03 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 17:56	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.05 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87235	08/12/20 17:29	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.05 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		10			87530	08/13/20 13:09	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			3.52 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/07/20 00:22	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			10.83 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			87838	08/15/20 00:30	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.13 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 03:49	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 21:28	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			1.98 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:28	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:52	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: PT3138-1-0.5

Date Collected: 08/04/20 11:45
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.07 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	85981	08/06/20 04:24	BE5H	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.03 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 21:45	N8CZ	ECL 1
	Instrument ID: GCMSCCC									

Client Sample ID: PT3138-1-0.5

Lab Sample ID: 570-34864-21

Date Collected: 08/04/20 11:45

Matrix: Solid

Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.03 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 18:14	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.04 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87235	08/12/20 17:49	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.374 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/07/20 00:45	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			9.85 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			87838	08/15/20 01:11	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.25 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 04:07	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:03	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.00 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:30	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:54	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: PT3138-2-0.5

Lab Sample ID: 570-34864-22

Date Collected: 08/04/20 11:50

Matrix: Solid

Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.729 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	86028	08/06/20 12:37	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.18 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 22:03	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.18 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 18:32	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.08 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87235	08/12/20 18:08	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			3.291 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/07/20 01:09	HKC	ECL 2
	Instrument ID: GC57									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: PT3138-2-0.5

Date Collected: 08/04/20 11:50
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.57 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			87838	08/15/20 01:32	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.22 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 04:25	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:12	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.04 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:33	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:56	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: PT3138-3-0.5

Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.292 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	86028	08/06/20 13:04	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.03 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 22:22	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.03 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 18:51	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.01 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 18:28	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.841 g	5 g	85862	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		1	5 g	5 mL	86092	08/07/20 01:32	HKC	ECL 2
	Instrument ID: GC57									
Total/NA	Prep	3550C			10.01 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			87838	08/15/20 01:52	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.01 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 04:43	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:21	URMH	ECL 1
	Instrument ID: IC11									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: PT3138-3-0.5

Date Collected: 08/04/20 11:55
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.95 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:35	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.62 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 14:21	MD3A	ECL 1
	Instrument ID: HG8									

Client Sample ID: SF1530-1-0.5

Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.902 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	86028	08/06/20 13:58	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035	DL		5.902 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B	DL	500	5 mL	5 mL	86028	08/06/20 18:19	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.04 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 22:40	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.04 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 19:09	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.02 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		10			87235	08/12/20 18:48	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.02 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		50			87530	08/13/20 13:28	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.902 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		50	5 mL	5 mL	86348	08/07/20 22:03	HKC	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.01 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			87838	08/15/20 02:12	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.21 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 05:01	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Leach	DI Leach			10 g	100 mL	86429	08/07/20 14:06	GMA	ECL 1
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	86948	08/11/20 10:51	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:30	URMH	ECL 1
	Instrument ID: IC11									

Client Sample ID: SF1530-1-0.5

Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	8315			5.00 g	100 mL	620197	08/11/20 09:53	FTD	TAL IRV
Total/NA	Prep	8315_W_Prep			20 mL	1 mL	620298	08/12/20 04:24	FTD	TAL IRV
Total/NA	Analysis	8315A		1			620379	08/12/20 13:49	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Prep	3050B			1.98 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:37	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 12:59	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Leach	DI Leach			19.98 g	20 mL	88459	08/17/20 13:00	Y3IH	ECL 1
Total/NA	Analysis	9045C		1	20 mL	20 mL	88462	08/17/20 16:00	Y3IH	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	1.005 g	25 mL	620670	08/14/20 07:30	YZ	TAL IRV
	Instrument ID: pH21									

Client Sample ID: SF1530-1-0.5D

Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.114 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	86028	08/06/20 14:26	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035	DL		6.114 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B	DL	500	5 mL	5 mL	86028	08/06/20 18:47	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.14 g	4 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	86128	08/06/20 22:58	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.14 g	4 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 19:27	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			9.97 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		50			87530	08/13/20 13:48	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			6.114 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		50	5 mL	5 mL	86348	08/07/20 22:29	HKC	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.05 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			88265	08/17/20 10:47	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.02 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 05:19	UHHN	ECL 1
	Instrument ID: GC58									

Client Sample ID: SF1530-1-0.5D

Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	DI Leach			10 g	100 mL	86429	08/07/20 14:06	GMA	ECL 1
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	86948	08/11/20 11:12	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:39	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Leach	8315			5.00 g	100 mL	620197	08/11/20 09:53	FTD	TAL IRV
Total/NA	Prep	8315_W_Prep			20 mL	1 mL	620298	08/12/20 04:24	FTD	TAL IRV
Total/NA	Analysis	8315A		1			620379	08/12/20 14:07	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Prep	3050B			2.09 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:39	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 14:17	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Leach	DI Leach			20.01 g	20 mL	88459	08/17/20 13:00	Y3IH	ECL 1
Total/NA	Analysis	9045C		1	20 mL	20 mL	88462	08/17/20 16:00	Y3IH	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	1.012 g	25 mL	620670	08/14/20 07:30	YZ	TAL IRV
	Instrument ID: pH21									

Client Sample ID: SF1530-2-1.5

Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.726 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	86028	08/06/20 14:53	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.21 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 23:17	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.21 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 19:46	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.01 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		10			87235	08/12/20 19:27	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.01 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		50			87530	08/13/20 14:08	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.726 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		50	5 mL	5 mL	86348	08/07/20 22:54	HKC	ECL 2
	Instrument ID: GC25									

Client Sample ID: SF1530-2-1.5

Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.60 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		5			87838	08/15/20 02:53	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.08 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 05:55	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Leach	DI Leach			10 g	100 mL	86429	08/07/20 14:06	GMA	ECL 1
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	86948	08/11/20 11:32	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:48	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Leach	8315			5.00 g	100 mL	620197	08/11/20 09:53	FTD	TAL IRV
Total/NA	Prep	8315_W_Prep			20 mL	1 mL	620298	08/12/20 04:24	FTD	TAL IRV
Total/NA	Analysis	8315A		1			620379	08/12/20 14:26	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Prep	3050B			1.97 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:41	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 14:19	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Leach	DI Leach			20.04 g	20 mL	88459	08/17/20 13:00	Y3IH	ECL 1
Total/NA	Analysis	9045C		1	20 mL	20 mL	88462	08/17/20 16:00	Y3IH	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	1.010 g	25 mL	620670	08/14/20 07:30	YZ	TAL IRV
	Instrument ID: pH21									

Client Sample ID: SF1530-3-3.0

Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.596 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	86028	08/06/20 15:20	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035	DL		5.596 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B	DL	1000	5 mL	5 mL	86028	08/06/20 19:14	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.22 g	4 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 23:35	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.22 g	4 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 20:04	N8CZ	ECL 1
	Instrument ID: GCMSCCC									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: SF1530-3-3.0

Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			9.94 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87235	08/12/20 19:46	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			9.94 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		50			87530	08/13/20 14:27	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			5.596 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		100	5 mL	5 mL	86348	08/07/20 23:19	HKC	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			9.64 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		50			88265	08/17/20 11:07	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.02 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 06:13	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Leach	DI Leach			10 g	100 mL	86429	08/07/20 14:06	GMA	ECL 1
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	86948	08/11/20 11:52	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 22:57	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Leach	8315			5.00 g	100 mL	620197	08/11/20 09:53	FTD	TAL IRV
Total/NA	Prep	8315_W_Prep			20 mL	1 mL	620298	08/12/20 04:24	FTD	TAL IRV
Total/NA	Analysis	8315A		1			620379	08/12/20 14:44	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Prep	3050B			1.98 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:43	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 13:09	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Leach	DI Leach			20.05 g	20 mL	88459	08/17/20 13:00	Y3IH	ECL 1
Total/NA	Analysis	9045C		1	20 mL	20 mL	88462	08/17/20 16:00	Y3IH	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	1.014 g	25 mL	620670	08/14/20 07:30	YZ	TAL IRV
	Instrument ID: pH21									

Client Sample ID: VB27599-1-S

Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.414 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	86028	08/06/20 15:47	MGX6	ECL 2
	Instrument ID: GCMSCC									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: VB27599-1-S

Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035	DL		4.414 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B	DL	500	5 mL	5 mL	86028	08/06/20 19:42	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.15 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 15:20	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.15 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 20:22	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			10.11 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		1			87235	08/12/20 20:06	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			10.11 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		25			87530	08/13/20 16:37	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			4.414 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		100	5 mL	5 mL	86348	08/07/20 23:45	HKC	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.50 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			87838	08/15/20 03:34	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.22 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 06:31	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Leach	DI Leach			10 g	100 mL	86429	08/07/20 14:11	GMA	ECL 1
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	86948	08/11/20 12:13	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:41	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 23:06	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Leach	8315			5.00 g	100 mL	620197	08/11/20 09:53	FTD	TAL IRV
Total/NA	Prep	8315_W_Prep			20 mL	1 mL	620298	08/12/20 04:24	FTD	TAL IRV
Total/NA	Analysis	8315A		1			620379	08/12/20 15:03	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Prep	3050B			2.07 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:46	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.61 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 13:11	MD3A	ECL 1
	Instrument ID: HG8									
Total/NA	Leach	DI Leach			20.03 g	20 mL	88459	08/17/20 13:00	Y3IH	ECL 1
Total/NA	Analysis	9045C		1	20 mL	20 mL	88462	08/17/20 16:00	Y3IH	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	1.008 g	25 mL	620670	08/14/20 07:30	YZ	TAL IRV
	Instrument ID: pH21									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: V881-1-S

Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.332 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		50	5 mL	5 mL	86028	08/06/20 16:14	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	5035	DL		3.332 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B	DL	1000	5 mL	5 mL	86028	08/06/20 20:09	MGX6	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.21 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		5	1 mL	1.0 mL	86128	08/06/20 15:38	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			20.21 g	2 mL	85792	08/05/20 09:31	F7UI	ECL 1
Total/NA	Analysis	8270C		1			88606	08/18/20 20:41	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			9.93 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		5			87235	08/12/20 20:26	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	3545			9.93 g	2 mL	86050	08/06/20 07:38	F7UI	ECL 1
Total/NA	Analysis	8270C SIM		100			87530	08/13/20 15:07	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			3.332 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		100	5 mL	5 mL	86348	08/08/20 00:10	HKC	ECL 2
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.32 g	10 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		10			87838	08/15/20 03:54	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.11 g	10 mL	85800	08/05/20 09:45	F7UI	ECL 1
Total/NA	Analysis	8082		1			85951	08/06/20 06:48	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Leach	DI Leach			10 g	100 mL	86429	08/07/20 14:11	GMA	ECL 1
Total/NA	Analysis	300.0		10	4 mL	1.0 mL	86948	08/11/20 13:41	URMH	ECL 1
	Instrument ID: IC7									
Total/NA	Prep	3060A			2.5 g	100 mL	87126	08/11/20 15:46	GMA	ECL 1
Total/NA	Analysis	7199		10			87201	08/12/20 23:15	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Leach	8315			5.00 g	100 mL	620197	08/11/20 09:53	FTD	TAL IRV
Total/NA	Prep	8315_W_Prep			20 mL	1 mL	620298	08/12/20 04:24	FTD	TAL IRV
Total/NA	Analysis	8315A		1			620379	08/12/20 15:22	D1D	TAL IRV
	Instrument ID: HPLC05									
Total/NA	Prep	3050B			1.94 g	100 mL	87451	08/12/20 20:30	SP7J	ECL 1
Total/NA	Analysis	6010B		1			87687	08/13/20 13:56	OYW3	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	87452	08/12/20 21:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			87916	08/14/20 13:12	MD3A	ECL 1
	Instrument ID: HG8									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Client Sample ID: V881-1-S

Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Leach	DI Leach			20.05 g	20 mL	88459	08/17/20 13:00	Y3IH	ECL 1
Total/NA	Analysis	9045C		1	20 mL	20 mL	88462	08/17/20 16:00	Y3IH	ECL 1
	Instrument ID: NOEQUIP									
Total/NA	Analysis	SM 2320B		1	1.005 g	25 mL	620670	08/14/20 07:30	YZ	TAL IRV
	Instrument ID: pH21									

Client Sample ID: CT814

Date Collected: 08/04/20 13:35
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-31

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2.865 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8260B		500	5 mL	5 mL	88073	08/15/20 09:37	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			0.98 g	20 mL	87538	08/14/20 10:19	F7UI	ECL 1
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	87929	08/15/20 00:11	N8CZ	ECL 1
	Instrument ID: GCMSCCC									
Total/NA	Prep	3545			1.21 g	10 mL	87978	08/14/20 14:35	USUL	ECL 1
Total/NA	Analysis	8270C SIM		50			88278	08/17/20 14:11	AJ2Q	ECL 1
	Instrument ID: GCMSAAA									
Total/NA	Prep	5035			2.865 g	5 mL	85861	08/05/20 12:37	P4DI	ECL 2
Total/NA	Analysis	8015B		500	5 mL	5 mL	87846	08/14/20 21:27	HKC	ECL 2
	Instrument ID: GC53									
Total/NA	Prep	3550C			2.49 g	20 mL	87914	08/14/20 11:54	N5Y3	ECL 1
Total/NA	Analysis	8015B		100			88265	08/17/20 11:27	I9H5	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			1.13 g	20 mL	87535	08/13/20 19:02	F7UI	ECL 1
Total/NA	Analysis	8082		1			87713	08/14/20 15:19	UHHN	ECL 1
	Instrument ID: GC58									
STLC DI	Leach	CA WET DI Leach			50.01 g	500 mL	86205	08/06/20 09:00	OYW3	ECL 3
STLC DI	Analysis	7199		1	10 mL	4 mL	86588	08/08/20 13:45	GMA	ECL 1
	Instrument ID: IC11									
TCLP	Leach	1311			100 g	2000 mL	87963	08/14/20 14:05	QZW6	ECL 3
TCLP	Analysis	7199		1			88148	08/15/20 15:34	URMH	ECL 1
	Instrument ID: IC11									
Total/NA	Prep	3050B			2.02 g	100 mL	86234	08/06/20 18:00	SP7J	ECL 1
Total/NA	Analysis	6010B		1			86469	08/07/20 14:30	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.59 g	100 mL	86237	08/06/20 18:00	SP7J	ECL 1
Total/NA	Analysis	7471A		1			86379	08/07/20 12:36	MD3A	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494

TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Accreditation/Certification Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Laboratory: Eurofins Calscience Irvine

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska	State	CA01531	06-30-21
Arizona	State	AZ0671	10-13-20
California	Los Angeles County Sanitation Districts	10256	06-30-21
California	State	2706	06-30-21
Guam	State	20-004R	01-23-21
Hawaii	State	CA01531	01-29-21
Kansas	NELAP	E-10420	07-31-20 *
Nevada	State	CA015312021-1	07-31-21
Oregon	NELAP	4028 - 008	01-29-21
USDA	US Federal Programs	P330-18-00214	07-09-21
Washington	State	C900	09-03-20

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
8270C SIM	PAHs (GC/MS SIM)	SW846	ECL 1
8015B	Gasoline Range Organics - (GC)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
300.0	Anions, Ion Chromatography	MCAWW	ECL 1
7199	Chromium, Hexavalent (IC)	SW846	ECL 1
8315A	Carbonyl Compounds (HPLC)	SW846	TAL IRV
6010B	Metals (ICP)	SW846	ECL 1
7470A	Mercury (CVAA)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
9045C	pH	SW846	ECL 1
LACSD 258	Mercaptans, Total (Colorimetric)	LACSD	ECL 1
SM 2320B	Alkalinity	SM	TAL IRV
1311	TCLP Extraction	SW846	ECL 3
3010A	Preparation, Total Metals	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	ECL 1
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	ECL 1
3545	Pressurized Fluid Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
5035	Closed System Purge and Trap	SW846	ECL 2
7470A	Preparation, Mercury	SW846	ECL 1
7471A	Preparation, Mercury	SW846	ECL 1
8315	Solid Leach (Carbonyl Compounds)	SW846	TAL IRV
8315_W_Prep	Liquid-Liquid Extraction (Carbonyl Compounds)	SW846	TAL IRV
CA WET DI Leach	California - Waste Extraction Test with Deionized Water Leach	CA-WET	ECL 3
DI Leach	Deionized Water Leaching Procedure	ASTM	ECL 1

Protocol References:

ASTM = ASTM International
CA-WET = California Waste Extraction Test, from Title 22
LACSD = Los Angeles County Santitation District
MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494
ECL 3 = Eurofins Calscience LLC Knott, 11380 Knott Street, Garden Grove, CA 92841, TEL (714)895-5494
TAL IRV = Eurofins Calscience Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Sample Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-34864-1	TK130-1	Water	08/04/20 08:21	08/04/20 16:48	
570-34864-2	TK130-2	Water	08/04/20 08:39	08/04/20 16:48	
570-34864-3	TK130-3	Water	08/04/20 08:54	08/04/20 16:48	
570-34864-4	EB	Water	08/04/20 14:10	08/04/20 16:48	
570-34864-5	TB-1	Water	08/04/20 00:00	08/04/20 16:48	
570-34864-6	TB-2	Water	08/04/20 00:00	08/04/20 16:48	
570-34864-7	TB-3	Water	08/04/20 00:00	08/04/20 16:48	
570-34864-8	TB-4	Water	08/04/20 00:00	08/04/20 16:48	
570-34864-9	TB-5	Water	08/04/20 00:00	08/04/20 16:48	
570-34864-10	TB-6	Water	08/04/20 00:00	08/04/20 16:48	
570-34864-11	PT1419-1-0.5	Solid	08/04/20 09:50	08/04/20 16:48	
570-34864-12	PT1419-2-1.5	Solid	08/04/20 10:00	08/04/20 16:48	
570-34864-13	PT1419-2-1.5D	Solid	08/04/20 10:01	08/04/20 16:48	
570-34864-14	PT1419-3-3.0	Solid	08/04/20 10:05	08/04/20 16:48	
570-34864-15	SF1604-1-0.5	Solid	08/04/20 11:05	08/04/20 16:48	
570-34864-16	SF1604-2-1.5	Solid	08/04/20 11:11	08/04/20 16:48	
570-34864-17	SF1604-3-3.0	Solid	08/04/20 11:07	08/04/20 16:48	
570-34864-18	SF1515-1-0.5	Solid	08/04/20 11:20	08/04/20 16:48	
570-34864-19	SF1515-2-1.5	Solid	08/04/20 11:35	08/04/20 16:48	
570-34864-20	SF1515-3-3.0	Solid	08/04/20 11:30	08/04/20 16:48	
570-34864-21	PT3138-1-0.5	Solid	08/04/20 11:45	08/04/20 16:48	
570-34864-22	PT3138-2-0.5	Solid	08/04/20 11:50	08/04/20 16:48	
570-34864-23	PT3138-3-0.5	Solid	08/04/20 11:55	08/04/20 16:48	
570-34864-24	SF1530-1-0.5	Solid	08/04/20 12:15	08/04/20 16:48	
570-34864-25	SF1530-1-0.5D	Solid	08/04/20 12:16	08/04/20 16:48	
570-34864-26	SF1530-2-1.5	Solid	08/04/20 12:25	08/04/20 16:48	
570-34864-27	SF1530-3-3.0	Solid	08/04/20 12:20	08/04/20 16:48	
570-34864-28	VB27599-1-S	Solid	08/04/20 12:40	08/04/20 16:48	
570-34864-29	V881-1-S	Solid	08/04/20 13:30	08/04/20 16:48	
570-34864-31	CT814	Solid	08/04/20 13:35	08/04/20 16:48	

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

570-34864 Chain of Custody

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com	Page: 1 of 3
Company: Leighton Consulting Inc			Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:		
City: Irvine	TAT Requested (days): Normal TAT		
State, Zip: CA, 92614			
Phone: 949-293-2519(Tel)	PO #: 11561.015		
Email: acctpayable@leightongroup.com	WO #:		
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662		
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5030/ 8260B	8015B_GRO C4-C12, 5030/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury + Total Sulfur	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde *	LACSD_258 - Mercaptans	300_ORGFM_28D Chloride			Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A	N	D	N	N	N	N	N	N	N				
	8/4/20		Grab	Water																	
TK130-1	8/4/20	0821	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	6 VOAs, 4 1L-Amber, 1 0.5L Amber, +2 Poly
TK130-2	8/4/20	0839	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	"
TK130-3	8/4/20	0854	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	"
EB	8/4/20	1410	Grab	Water			X	X	X	X	X	X	X	X						10	6 VOAs + 1 Amber 1L + 1 Amber 0.5L + 2 poly
TB-1	8/4/20	Trip Blank Provided by Cal	~~Grab~~	Water			X	X												6	
TB-2	8/4/20		~~Grab~~	Water			X	X												6	
TB-3	8/4/20		~~Grab~~	Water			X	X												6	
TB-4	8/4/20		~~Grab~~	Water			X	X												6	
TB-5	8/4/20		~~Grab~~	Water			X	X												6	
TB-6	8/4/20		~~Grab~~	Water			X	X												6	

Extra 1-2 Ambers

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For obtain approval by client Months to dispose

Deliverable Requested: I, II, III, IV, Other (specify) Level II, ~~Chromatograms??~~

Special Instructions/QC Requirements: J-Flag Results, Show TICs -SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Meredith Church	8/4/20 1648	Leighton Consulting		8/4/20 16:48	

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

3.4/3.4 3.6/3.6 4.0/4.0 4.2/4.2 3.5/ 3.1/3.1 SC6

Ver: 01/16/2019

34864

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com		Page: 2 of 3
Company: Leighton Consulting Inc		**Analysis Requested**		Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:			
City: Irvine	TAT Requested (days): Normal TAT			
State, Zip: CA, 92614				
Phone: 949-293-2519(Tel)	PO #: 11561.015			
Email: acctpayable@leightongroup.com	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5035/ 8260B	8015B_GRO C4-C12, 5035/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury + total sulfur	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde	LACSD_258 - Mercaptans	300_ORGFM_28D, 7199_ORGFM Chloride Salts	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	E/F	E/F	N	N	N	N	N	N				X	
PT1419-1-0.5	8/4/20	0950	Grab	Soil			X	X	X	X	X	X	X	X				245	2 8oz Jars + 5 VOA
PT1419-2-1.5	8/4/20	10:00	Grab	Soil			X	X	X	X	X	X	X	X					↓
PT1419-2-1.5D	8/4/20	1001	Grab	Soil			X	X	X	X	X	X	X	X					
PT1419-3-3.0 MPC	8/4/20	1005	Grab	Soil			X	X	X	X	X	X	X	X					
SF1604-1-0.5	8/4/20	11:05	Grab	Soil			X	X	X	X	X	X	X	X					
SF1604-2-1.5	8/4/20	11:11	Grab	Soil			X	X	X	X	X	X	X	X					
SF1604-3-3.0	8/4/20	11:07	Grab	Soil			X	X	X	X	X	X	X	X					
SF1515-1-0.5 11:20	8/4/20	11:20	Grab	Soil			X	X	X	X	X	X	X	X					
SF1515-2-1.5 11:25	8/4/20	11:35	Grab	Soil			X	X	X	X	X	X	X	X					
SF1515-3.0 1130	8/4/20	11:30	Grab	Soil			X	X	X	X	X	X	X	X					
PT3138-0.5	8/4/20	11 45	Grab	Soil			X	X	X	X	X	X	X	X					↓

Possible Hazard Identification
☐ *Non-Hazard* ☐ *Flammable* ☐ *Skin Irritant* ☐ *Poison B* ☐ *Unknown* ☐ *Radiological*

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ *Return To Client* ☒ *Disposal By Lab* ☒ *Archive For* Client *Months* — obtain approval from client to dispose

Deliverable Requested: I, II, III, IV, Other (specify) Level II (Standard)

Special Instructions/QC Requirements: J-Flag Results, Show TICs - SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Meredith Church *(signature)*	8/4/20 1648	Leighton Consulting	Danny *(signature)*	8/4/20 16:48	EC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com		Page: 3 of 3
Company: Leighton Consulting Inc				Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:			
City: Irvine	TAT Requested (days): Normal TAT			
State, Zip: CA, 92614				
Phone: 949-293-2519(Tel)	PO #: 11561.015			
Email: acctpayable@leightongroup.com	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5035/ 8260B	8015B_GRO C4-C12, 5035/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury (5 pt)	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde	LACSD_258 - Mercaptans	300_ORGFM_28D, 7199_ORGFM Chloride Salts			Total Number of containers	Special Instructions/Note:
			Preservation Code:				E/F	E/F	N	N	N	N	N	N							
PT3138-1.5	8/4/20	1150	Grab	Soil			X	X	X	X	X	X	X	X						2	+5 2 8oz Jars + 5VOA
PT 3138-3.0	8/4/20	1155	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
SF1530-1-0.5	8/4/20	1215	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
SF1530-1-0.5D	8/4/20	1216	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
SF1530-2-1.5	8/4/20	1225	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
SF1530-3-3.0	8/4/20	1220	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
VB27599-1-5	8/4/20	1240	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
VS81-1-5	8/4/20	1330	Grab	Soil			X	X	X	X	X	X	X	X						2	+5
CT814	8/4/20	1355	Grab	Oil			X	X	X	X	X	X	X	X						8	8-8oz ~~+ 1 1-L Amber~~ L Product ★ - mac oil
	8/4/20		Grab	Soil																	
	8/4/20		Grab	Soil																	

Possible Hazard Identification
☐ Non-Hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For ____ Months obtaining approval by client to dispose

Deliverable Requested: I, II, III, IV, Other (specify) Level II (Standard)

Special Instructions/QC Requirements: J-Flag Results, Show TICs -SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Meredith Church	8/4/20 1648	Leighton Consulting	Dannyle	8/4/20 1624	EC
2						
3						

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Sheila Luu

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, August 5, 2020 5:59 PM
To: Sheila Luu; Xuan Dang
Subject: RE: Aliso - summary of sampling 8/4/20

EXTERNAL EMAIL*

The following discrepancies were noted by the lab on the COC and they should be corrected as follows (green text):

1. Soil Samples: (-20) The container labels list SF1515-3-3.0, while the COC lists SF15-3.0 (collection date/time matched). The COC should be SF1515-3-3.0 to match the container labels.
   (-21) The container label lists PT3138-1-0.5, while the COC lists PT3138-0.5 (collection date/time matched). The COC should be PT3138-1-0.5 to match the container label
   (-22) The container label lists PT3138-2-1.5, while the COC lists PT3138-1.5 (collection date/time matched). The COC should be PT3138-2-0.5 to match the container
   (-23) The container label lists PT3138-3-3.0, while the COC lists PT3138-3.0 (collection date/time matched). The COC should be PT3138-3-0.5 to match the container
2. Trip Blanks - For the 6 TB – we received only 1 vial each sample, which test would you want to run VOC or Gas? Analyze the TBs for VOCs
3. Equipment Blank - per our sample control, we received only 1 amber glass for 8270 SIM, SVOCs and 8082. Which test would you want to run with this 1L amber Glass. Run the EB for SVOCs 8270C

Meredith Church, PG
Associate Geologist

LEIGHTON
Solutions You Can Build On
17781 Cowan
Irvine, CA 92614
(949) 681-4208 (Direct)
(949) 293-2519 (Cell)
(949) 477-4040 (Office)
(949) 250-1114 (Fax)

Xuan Dang

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, August 12, 2020 4:37 PM
To: 'Xuan Dang'; Sheila Luu
Subject: additional analyses - Aliso

EXTERNAL EMAIL*

Xuan,
Please add the Super List of compounds of VOCs and SVOCs to all samples requested to be analyzed by Routine 8260 and 8270. I would also like to include TICs for VOCs (I have already indicated on the COC to include TICs for SVOCs).

Please add the following analyses available to the samples below:
ANALYSES

1. Formaldehyde by 8315. Please add to the previous 8315 request with the condition that QC for formaldehyde passed method criteria. If it does not, please analyze again. Can you please let me know what the full list is for 8315?
2. Alkalinity
3. pH
4. isotopes - Pb-210 and Po-210. Can you analyze for this or sub out?
5. Is it possible to sub out crystalline silica analysis?

SAMPLES

1. B27599-1-S,
2. V881-1-S,
3. SF1530-1-0.5,
4. SF1530-1-0.5D,
5. SF1530-2-1.5, and
6. SF1530-3-3.0

If any of these methods are out of the hold time (other than pH), please let me know. Can you please confirm that you have enough material for these analyses, and also let me know ~how many grams will remain afterwards?

Meredith Church, PG
Associate Geologist

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Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494 Fax: 714-894-7501

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-45959.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Xuan.Dang@eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: EMSL Analytical, Inc.		Accreditations Required (See note):		Job #: 570-34864-1
Address: 200 Rt 130 North,	Due Date Requested: 8/17/2020	Analysis Requested		Preservation Codes:
City: Cinnaminson	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NJ, 08077				
Phone: 800-220-3675(Tel)	PO #:			Other:
Email:	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: ~~57005002~~ 570-34864			
Site:	SSOW#:			

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Chrystalline Silica- 3 species)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SF1530-1-0.5 (570-34864-24)	8/4/20	12:15 Pacific		Solid			X	1	2-oz jar (60g)
SF1530-1-0.5D (570-34864-25)	8/4/20	12:16 Pacific		Solid			X	1	2-oz jar (60g)
SF1530-2-1.5 (570-34864-26)	8/4/20	12:25 Pacific		Solid			X	1	2-oz jar (60g)
SF1530-3-3.0 (570-34864-27)	8/4/20	12:20 Pacific		Solid			X	1	2-oz jar (60g)
VB27599-1-S (570-34864-28)	8/4/20	12:40 Pacific		Solid			X	1	2-oz jar (60g)
V881-1-S (570-34864-29)	8/4/20	13:30 Pacific		Solid			X	1	2-oz jar (60g)

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/18/2020 1200	ECI			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

ORIGIN ID:APVA (714) 895-5494
SAMPLE CONTROL
CALSCIENCE ENVIRONMENTAL LAB
7440 LINCOLN WAY

GARDEN GROVE, CA 92841
UNITED STATES US

SHIP DATE: 18AUG20
ACTWGT: 18.00 LB
CAD: 1533735/INET4280

BILL SENDER

TO **SAMPLE RECEIVING**
EMSL
200 ROUTE 130 NORTH

CINNAMINSON NJ 08077
(856) 858-4800 REF: XD/34864
INV:
PO: DEPT:

FedEx Express

J202020071401uv

56BJ2/7709/B766

WED - 19 AUG 3:00P
STANDARD OVERNIGHT

TRK# 0201 **7712 9330 7523**

08077
NJ-US **PHL**

XB WWDA

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Eurofins Calscience LLC
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Phone: 714-895-5494 Fax: 714-894-7501

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-45964.1
Client Contact: Shipping/Receiving	Phone	E-Mail: Xuan.Dang@eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 570-34864-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/14/2020			
City: Earth City	TAT Requested (days):			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #:			
Email:	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	A01R_Pb/Dig_CuPlate (MOD) Standard Target List	GA_01_R_Ral/Fil_Geo_21 (MOD) Copy Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SF1530-1-0.5 (570-34864-24)	8/4/20	12:15 Pacific		Solid			X	X	1	Need 150g
SF1530-1-0.5D (570-34864-25)	8/4/20	12:16 Pacific		Solid			X	X	1	Need 150g
SF1530-2-1.5 (570-34864-26)	8/4/20	12:25 Pacific		Solid			X	X	1	Need 150g
SF1530-3-3.0 (570-34864-27)	8/4/20	12:20 Pacific		Solid			X	X	1	Need 150g
VB27599-1-S (570-34864-28)	8/4/20	12:40 Pacific		Solid			X	X	1	Need 150g
V881-1-S (570-34864-29)	8/4/20	13:30 Pacific		Solid			X	X	1	Need 150g

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

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Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
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Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	8/18/2020 1220	ECI			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

ORIGIN ID:APVA (714) 895-5494
SAMPLE CONTROL
CALSCIENCE ENVIRONMENTAL LAB
7440 LINCOLN WAY

GARDEN GROVE, CA 92841
UNITED STATES US

SHIP DATE: 18AUG20
ACTWGT: 33.00 LB
CAD: 1533735/INET4280

BILL SENDER

TO **SAMPLE RECEIVING**
EUROFINS TESTAMERICA
13715 RIDER TRAIL NORTH

EARTH CITY MO 63045
(314) 298-8566 REF: XD/34864
INV:
PO: DEPT:

56BJ2/7709/B766

FedEx Express

E

J202020071401uv

WED - 19 AUG 3:00P
STANDARD OVERNIGHT

TRK# 0201 **7712 9374 9612**

63045
MO-US STL

XX ALNA

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone 714-895-5494 Fax 714-894-7501

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Dang, Xuan	Carrier Tracking No(s)	COC No: 570-44224 1
Client Contact: Shipping/Receiving	Phone	E-Mail: xuandang@eurofinsus com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note)		Job #: 570-34864-1
Address: 17461 Derian Ave, Suite 100,	Due Date Requested: 8/14/2020			
City: Irvine	TAT Requested (days)			
State, Zip: CA, 92614-5817				
Phone: 949-261-1022(Tel) 949-260-3297(Fax)	PO #			
Email	WO #			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site:	SSOW#			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8315/8315_W_LLE_Prep	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TK130-1 (570-34864-1)	8/4/20	08 21 Pacific		Water			X	1	
TK130-2 (570-34864-2)	8/4/20	08:39 Pacific		Water			X	1	
TK130-3 (570-34864-3)	8/4/20	08 54 Pacific		Water			X	1	

Note Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Calscience attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	08/05/2020 1825	ECI			
2						
3						

Custody Seals Intact: Δ Yes Δ No (No)

Custody Seal No

Cooler Temperature(s) °C and Other Remarks

8/5/20 1825 ECIN
1043 4.0/4.0

Ver 01/16/2019

8/25/2020

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone 714-895-5494 Fax 714-894-7501

Chain of Custody Record

eurofins

Client Information (Sub Contract Lab)	Sampler	Lab PM: Dang, Xuan	Carrier Tracking No(s)	COC No: 570-44373 1
Client Contact: Shipping/Receiving	Phone	E-Mail: xuandang@eurofinsus com	State of Origin: California	Page: Page 1 of 1
Company: Eurofins Calscience LLC		Accreditations Required (See note)		Job #: 570-34864-1
Address: 17461 Derian Ave, Suite 100,	Due Date Requested: 8/14/2020			
City: Irvine	TAT Requested (days):			
State, Zip: CA, 92614-5817				
Phone: 949-261-1022(Tel) 949-260-3297(Fax)	PO #			
Email	WO #			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site	SSOW#			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8315/8315_S_Leach	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
SF1530-1-0.5 (570-34864-24)	8/4/20	12:15 Pacific		Solid			X	1	
SF1530-1-0.5D (570-34864-25)	8/4/20	12 16 Pacific		Solid			X	1	
SF1530-2-1 5 (570-34864-26)	8/4/20	12 25 Pacific		Solid			X	1	
SF1530-3-3.0 (570-34864-27)	8/4/20	12 20 Pacific		Solid			X	1	
VB27599-1-5 (570-34864-28)	8/4/20	12.40 Pacific		Solid			X	1	
V881-1-5 (570-34864-29)	8/4/20	13 30 Pacific		Solid			X	1	

Note Since laboratory accreditations are subject to change Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Calscience attention immediately If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Calscience

Possible Hazard Identification: Unconfirmed	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested I, II, III, IV, Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		08/06/2020	EC		8-6-20 12:00	EC FRN
2	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
3	Relinquished by	8-6-20 12:45	EC FRN	Received by	8/6/20 1245	EC IRV

Custody Seals Intact: Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 1289 / 3.2/3.2

Ver 01/16/2019

Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 570-34864-1

Login Number: 34864
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Refer to Job Narrative for details.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 570-34864-1

Login Number: 34864
List Number: 2
Creator: Ornelas, Olga

List Source: Eurofins Irvine
List Creation: 08/05/20 06:38 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 570-34864-1

Login Number: 34864
List Number: 3
Creator: Ornelas, Olga

List Source: Eurofins Irvine
List Creation: 08/06/20 02:01 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	False	Not Present
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX C

Laboratory Report – EMSL Analytical, Crystalline Silica

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-34864-2
Client Project/Site: SoCal Gas, Project # 11561.015

For:
Leighton Consulting Inc
17781 Cowan
Suite 200
Irvine, California 92614

Attn: Meredith Church

Authorized for release by:
9/3/2020 6:21:24 PM

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

Table of Contents

Case Narrative

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-2

Job ID: 570-34864-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-34864-2

Subcontract Work
Method Chrystalline Silica- 3 species: This method was subcontracted to Cinnaminson, NJ. The subcontract laboratory certification is different from that of the facility issuing the final report.

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 858-4800

Attn. *Xuan Dang*
Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Xuan.dang@eurofinset.com
Phone: 714-895-5494

EMSL Case No.: 3612001881
Sample(s) Received: 8/19/2020
Date of Reporting: 9/3/2020 Rev1
Date Printed: 9/3/2020
Reported By: J Hu

- Laboratory Report –

Crystalline Silica by NIOSH 7500 Mod

Project: SoCal Gas, Project # 11561.015

Procurement of Samples and Analytical Overview:

The material for analysis (six bulk samples) arrived at EMSL Analytical (Cinnaminson, NJ) on August 19, 2020. The package arrived in satisfactory condition with no evidence of damage to the contents. The purpose of the analysis is to determine the quantity of crystalline silica in the material. The data reported herein has been obtained using the following equipment and methodologies.

Methods & Equipment: X-ray Diffraction (XRD)

Modified NIOSH 7500 – Silica, Crystalline
Modified OSHA ID-142 – Crystalline Silica, Quartz and Cristobalite

9/3/20. Rev 1 revises report 362001881 reported on 9/2/20. Reason for revision: correction of sample ID.

Analyzed by: *Jian Hu, Ph.D.* *Seniors Laboratory Scientist* — August 31, 2020 *Date*

Reviewed/Approved: *Eugenia Mirica, Ph.D.* *Laboratory Manager* — September 3, 2020 *Date*

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 858-4800

Attn. *Xuan Dang*
Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Xuan.dang@eurofinset.com
Phone: 714-895-5494

EMSL Case No.: 3612001881
Sample(s) Received: 8/19/2020
Date of Reporting: 9/3/2020 Rev1
Date Printed: 9/3/2020
Reported By: J Hu

Results and Discussion:

Silica, Crystalline Analysis of Bulk Material
Performed X-Ray Diffraction (XRD) Method Modified OSHA ID-142 & Modified NIOSH Method 7500, Issue 4, 3/15/03

Sample ID	Description	α-Quartz (wt%)	Cristobalite (wt%)	Tridymite (wt%)
SF1530-1-0.5 (570-34864-24) 362001881-0001	Solid	19.3	4.8	<0.1
SF1530-1-0.5D (570-34864-25) 362001881-0002	Solid	22.9	4.8	<0.1
SF1530-2-1.5 (570-34864-26) 362001881-0003	Solid	22.3	5.1	<0.1
SF1530-3-3.0 (570-34864-27) 362001881-0004	Solid	18.6	4.9	<0.1
VB27599-1-S (570-34864-28) 362001881-0005	Solid	15.8	7.1	<0.1
V881-1-S (570-34864-29) 362001881-0006	Solid	21.6	5.7	<0.1

Notes:

1. Reporting limit (Quartz, Cristobalite, Tridymite) = 0.1 wt%
2. Samples dried at 105°C before analysis. Reported percentages calculated based on the dry weight of the samples.
3. Cristobalite may be overestimated due to interference

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone: (856) 858-4800

Attn. *Xuan Dang*
Eurofins Calscience, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Xuan.dang@eurofinset.com
Phone: 714-895-5494

EMSL Case No.:	3612001881
Sample(s) Received:	8/19/2020
Date of Reporting:	9/3/2020 Rev1
Date Printed:	9/3/2020
Reported By:	J Hu

Important Terms, Conditions, and Limitations:

Sample Retention: Samples analyzed by EMSL will be retained for 60 days after analysis date. Storage beyond this period is available for a fee with written request prior to the initial 30 day period. Samples containing hazardous/toxic substances which require special handling may be returned to the client immediately. EMSL reserves the right to charge a sample disposal or return shipping fee.

Change Orders and Cancellation: All changes in the scope of work or turnaround time requested by the client after sample acceptance must be made in writing and confirmed in writing by EMSL. If requested changes result in a change in cost the client must accept payment responsibility. In the event work is cancelled by a client, EMSL will complete work in progress and invoice for work completed to the point of cancellation notice. EMSL is not responsible for holding times that are exceeded due to such changes.

Warranty: EMSL warrants to its clients that all services provided hereunder shall be performed in accordance with established and recognized analytical testing procedures, when available. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied. EMSL disclaims any other warranties, express or implied, including a warranty of fitness for particular purpose and warranty of merchantability.

Limits of Liability: In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. EMSL will not be held responsible for the improper selection of sampling devices even if we supply the device to the user. The user of the sampling device has the sole responsibility to select the proper sampler and sampling conditions to insure that a valid sample is taken for analysis. Any resampling performed will be at the sole discretion of EMSL, the cost of which shall be limited to the reasonable value of the original sample delivery group (SDG) samples. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder.

The data and other information contained in this report, as well as any accompanying documents, represent only the samples analyzed. They are reported upon the condition that they are not to be reproduced wholly or in part for advertising or other purposes without the written approval from the laboratory.

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494 Fax: 714-894-7501

Chain of Custody Record

#362001881

eurofins Environment Testing America

OrderID: 362001881

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-45959.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Xuan.Dang@eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: EMSL Analytical, Inc.		Accreditations Required (See note):		Job #: 570-34864-1
Address: 200 Rt 130 North,	Due Date Requested: 8/17/2020			Preservation Codes:
City: Cinnaminson	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:
State, Zip: NJ, 08077				
Phone: 800-220-3675(Tel)	PO #:			
Email:	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: ~~67005682~~ 570-34864			
Site:	SSOW#:			

Analysis Requested

	Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	SUB (Chrystalline Silica- 3 species)	Total Number of containers	Special Instructions/Note:
				Preservation Code:						
1	SF1530-1-0.5 (570-34864-24)	8/4/20	12:15 Pacific		Solid			X	1	2-oz jar (60g)
2	SF1530-1-0.5D (570-34864-25)	8/4/20	12:16 Pacific		Solid			X	1	2-oz jar (60g)
3	SF1530-2-1.5 (570-34864-26)	8/4/20	12:25 Pacific		Solid			X	1	2-oz jar (60g)
4	SF1530-3-3.0 (570-34864-27)	8/4/20	12:20 Pacific		Solid			X	1	2-oz jar (60g)
5	VB27599-1-S (570-34864-28)	8/4/20	12:40 Pacific		Solid			X	1	2-oz jar (60g)
6	V881-1-S (570-34864-29)	8/4/20	13:30 Pacific		Solid			X	1	2-oz jar (60g)

RECEIVED EMSL CINNAMINSON, NJ 20 AUG 19 AM 10:49

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	8/18/2020 1200	ECI		8/19/2020 1050	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Page 1 of 1
Page 7 of 14
9/3/2020

01/16/2019

Beatty, Brittany #3620018881

From: Dang, Xuan <Xuan.Dang@eurofinset.com>
Sent: Wednesday, August 19, 2020 12:25 PM
To: Beatty, Brittany; 'xuandang@eurofinsUS.com'
Subject: RE: SoCal Gas, Project #11561.015

[EXTERNAL E-MAIL]

Hi Brittany,

My apologies. Please change the TAT to standard 10 days.

Best Regards,

Xuan Dang
Project Manager
Eurofins Calscience, LLC
7440 Lincoln Way
Garden Grove, CA 92841
USA
Phone: +1 714 895 5494

xuan.dang@eurofinset.com
www.EurofinsUS.com/Calscience

COMMUNICATIONS ALERT: Change of email addresses for all Eurofins Calscience staff effective July 9, 2020

Please update my email address xuan.dang@eurofinset.com in your email directory!

From: Beatty, Brittany [mailto:bbeatty@EMSL.com]
Sent: Wednesday, August 19, 2020 9:05 AM
To: 'xuandang@eurofinsUS.com'
Subject: SoCal Gas, Project #11561.015

EXTERNAL EMAIL*

Good Afternoon,

For the attached COC the due date requested is 8/17/20.
Can you please confirm when you need results by as this date has passed?

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

34864

570-34864 Chain of Custody

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com	Page: 1 of 3
Company: Leighton Consulting Inc			Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:		
City: Irvine	TAT Requested (days): Normal TAT		
State, Zip: CA, 92614			
Phone: 949-293-2519(Tel)	PO #: 11561.015		
Email: acctpayable@leightongroup.com	WO #:		
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662		
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5030/ 8260B	8015B_GRO C4-C12, 5030/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury + Total Sulfur	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde *	LACSD_258 - Mercaptans	300_ORGFM_28D Chloride			Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A	N	D	N	N	N	N	N	N	N				
	8/4/20		Grab	Water																	
TK130-1	8/4/20	0821	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	6 VOAs, 4 1L-Amber, 1 0.5L Amber, +2 Poly
TK130-2	8/4/20	0839	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	"
TK130-3	8/4/20	0854	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	"
EB	8/4/20	1410	Grab	Water			X	X	X	X	X	X	X	X						10	6 VOAs + 1 Amber 1L + 1 Amber 0.5L + 2 poly
TB-1	8/4/20	Trip Blank Provided by Lab	~~Grab~~	Water			X	X												6	
TB-2	8/4/20		~~Grab~~	Water			X	X												6	
TB-3	8/4/20		~~Grab~~	Water			X	X												6	
TB-4	8/4/20		~~Grab~~	Water			X	X												6	
TB-5	8/4/20		~~Grab~~	Water			X	X												6	
TB-6	8/4/20		~~Grab~~	Water			X	X												6	

Extra 1-2 Ambers

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For ____ Months to dispose by client obtain approval

Deliverable Requested: I, II, III, IV, Other (specify) Level II, ~~Chromatograms??~~

Special Instructions/QC Requirements: J-Flag Results, Show TICs -SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Meredith Church	8/4/20 1648	Leighton Consulting	Dannyle	8/4/20 16:48	GL

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

3.4/3.4 3.6/3.6 4.0/4.0 4.2/4.2 3.8/3.8 3.9/3.9 SCB

Ver: 01/16/2019

34864

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com		Page: 2 of 3
Company: Leighton Consulting Inc				Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:			
City: Irvine	TAT Requested (days): Normal TAT			
State, Zip: CA, 92614				
Phone: 949-293-2519(Tel)	PO #: 11561.015			
Email: acctpayable@leightongroup.com	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5035/ 8260B	8015B_GRO C4-C12, 5035/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury + total sulfur	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde	LACSD_258 - Mercaptans	300_ORGFM_28D, 7199_ORGFM Chloride Salts	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	E/F	E/F	N	N	N	N	N	N				X	
PT1419-1-0.5	8/4/20	0950	Grab	Soil			X	X	X	X	X	X	X	X				2+5	2 8oz Jars + 5 VOA
PT1419-2-1.5	8/4/20	10:00	Grab	Soil			X	X	X	X	X	X	X	X					↓
PT1419-~~2~~-1.5D	8/4/20	1001	Grab	Soil			X	X	X	X	X	X	X	X					
PT1419-3-3.0 MDL	8/4/20	1005	Grab	Soil			X	X	X	X	X	X	X	X					
SF1604-1-0.5	8/4/20	11:05	Grab	Soil			X	X	X	X	X	X	X	X					
SF1604-2-1.5	8/4/20	11:11	Grab	Soil			X	X	X	X	X	X	X	X					
SF1604-3-3.0	8/4/20	11:07	Grab	Soil			X	X	X	X	X	X	X	X					
SF1515-1-0.5 11:20	8/4/20	11:20	Grab	Soil			X	X	X	X	X	X	X	X					
SF1515-2-1.5 11:25	8/4/20	11:25	Grab	Soil			X	X	X	X	X	X	X	X					
SF1515-3.0 1130	8/4/20	11:30	Grab	Soil			X	X	X	X	X	X	X	X					
PT3138-0.5	8/4/20	1145	Grab	Soil			X	X	X	X	X	X	X	X					↓

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For obtain approval from Client Months to dispose

Deliverable Requested: I, II, III, IV, Other (specify) Level II (Standard)

Special Instructions/QC Requirements: J-Flag Results, Show TICs - SVOCs & PAHs

Empty Kit Relinquished by:	Date:		Time:	Method of Shipment:	
Relinquished by: Meredith Church [signature]	Date/Time: 8/4/20 1648	Company: Leighton Consulting	Received by: [signature]	Date/Time: 8/4/20 16:48	Company: EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 01/16/2019

1 2 3 4 5 6

34864

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com		Page: 3 of 3
Company: Leighton Consulting Inc		Analysis Requested		Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:			
City: Irvine	TAT Requested (days): Normal TAT			
State, Zip: CA, 92614				
Phone: 949-293-2519(Tel)	PO #: 11561.015			
Email: acctpayable@leightongroup.com	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:			

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5035/ 8260B	8015B_GRO C4-C12, 5035/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury (+ 4oz/Cu/Ni)	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde	LACSD_258 - Mercaptans	300_ORGFM_28D, 7199_ORGFM Chloride Salts					Total Number of containers	Special Instructions/Note:
			Preservation Code:				E/F	E/F	N	N	N	N	N	N									
PT3138-1.5	8/4/20	1150	Grab	Soil			X	X	X	X	X	X	X	X								2+5	2 8oz Jars + 5 VOA
PT3138-3.0	8/4/20	1155	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
SF1530-1-0.5	8/4/20	1215	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
SF1530-1-0.5D	8/4/20	1216	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
SF1530-2-1.5	8/4/20	1225	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
SF1530-3-3.0	8/4/20	1220	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
VB27599-1-5	8/4/20	1240	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
V881-1-5	8/4/20	1330	Grab	Soil			X	X	X	X	X	X	X	X								2+5	
CT814	8/4/20	1355	Grab	~~Soil~~ Oil			X	X	X	X	X	X	X	X								8	8-8oz ~~+ 1 1-L Amber~~ └Product ★ -oil MDC
	8/4/20		Grab	Soil																			
	8/4/20		Grab	Soil																			

Possible Hazard Identification (CT814)
☐ Non-Hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For ______ Months — obtain approval by client to dispose

Deliverable Requested: I, II, III, IV, Other (specify) — Level II (Standard)

Special Instructions/QC Requirements: J-Flag Results, Show TICs - SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Meredith Church [signature]	Date/Time: 8/4/20 1648	Company: Leighton Consulting	Received by: [signature]	Date/Time: 8/4/20 1648	Company: EC
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Sheila Luu

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, August 5, 2020 5:59 PM
To: Sheila Luu; Xuan Dang
Subject: RE: Aliso - summary of sampling 8/4/20

EXTERNAL EMAIL*

The following discrepancies were noted by the lab on the COC and they should be corrected as follows (green text):

1. Soil Samples: (-20) The container labels list SF1515-3-3.0, while the COC lists SF15-3.0 (collection date/time matched). The COC should be SF1515-3-3.0 to match the container labels.
   (-21) The container label lists PT3138-1-0.5, while the COC lists PT3138-0.5 (collection date/time matched). The COC should be PT3138-1-0.5 to match the container label
   (-22) The container label lists PT3138-2-1.5, while the COC lists PT3138-1.5 (collection date/time matched). The COC should be PT3138-2-0.5 to match the container
   (-23) The container label lists PT3138-3-3.0, while the COC lists PT3138-3.0 (collection date/time matched). The COC should be PT3138-3-0.5 to match the container
2. Trip Blanks - For the 6 TB – we received only 1 vial each sample, which test would you want to run VOC or Gas? Analyze the TBs for VOCs
3. Equipment Blank - per our sample control, we received only 1 amber glass for 8270 SIM, SVOCs and 8082. Which test would you want to run with this 1L amber Glass. Run the EB for SVOCs 8270C

Meredith Church, PG
Associate Geologist

LEIGHTON
Solutions You Can Build On
17781 Cowan
Irvine, CA 92614
(949) 681-4208 (Direct)
(949) 293-2519 (Cell)
(949) 477-4040 (Office)
(949) 250-1114 (Fax)

Xuan Dang

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, August 12, 2020 4:37 PM
To: 'Xuan Dang'; Sheila Luu
Subject: additional analyses - Aliso

EXTERNAL EMAIL*

Xuan,
Please add the Super List of compounds of VOCs and SVOCs to all samples requested to be analyzed by Routine 8260 and 8270. I would also like to include TICs for VOCs (I have already indicated on the COC to include TICs for SVOCs).

Please add the following analyses available to the samples below:
ANALYSES

1. Formaldehyde by 8315. Please add to the previous 8315 request with the condition that QC for formaldehyde passed method criteria. If it does not, please analyze again. Can you please let me know what the full list is for 8315?
2. Alkalinity
3. pH
4. isotopes - Pb-210 and Po-210. Can you analyze for this or sub out?
5. Is it possible to sub out crystalline silica analysis?

SAMPLES

1. B27599-1-S,
2. V881-1-S,
3. SF1530-1-0.5,
4. SF1530-1-0.5D,
5. SF1530-2-1.5, and
6. SF1530-3-3.0

If any of these methods are out of the hold time (other than pH), please let me know. Can you please confirm that you have enough material for these analyses, and also let me know ~how many grams will remain afterwards?

Meredith Church, PG
Associate Geologist

LEIGHTON
Solutions You Can Build On
17781 Cowan
Irvine, CA 92614
(949) 681-4208 (Direct)
(949) 293-2519 (Cell)
(949) 477-4040 (Office)
(949) 250-1114 (Fax)

Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 570-34864-2

Login Number: 34864
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Refer to Job Narrative for details.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

Laboratory Report – Eurofins-Test America, Po-210 and Pb-210

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-34864-3
Client Project/Site: SoCal Gas, Project # 11561.015

For:
Leighton Consulting Inc
17781 Cowan
Suite 200
Irvine, California 92614

Attn: Meredith Church

Authorized for release by:
10/1/2020 11:11:24 AM

Xuan Dang, Project Manager I
(714)895-5494
Xuan.Dang@eurofinset.com

Table of Contents

Definitions/Glossary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Job ID: 570-34864-3

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-34864-3

Comments
No additional comments.

Receipt
The samples were received on 8/4/2020 4:48 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 3.4º C, 3.6º C, 3.8º C, 3.9º C, 4.0º C and 4.2º C.

RAD
Method A-01-R: Po-210 Prep Batch 160-479953
The method blank (MB) tracer recovery (6.07%) is below the lower QC limit (30%). The batch was re-prepared/re-analyzed. However, in the re-run (batch 483192) sample 570-34864-29 exhibited poor tracer recovery. Thus, the result is being reported from the original batch.

Due to the low tracer recovery on the MB, the MB detection capability did not meet the client requested limit (RL). However, the MB result is less than 1/2 of the RL.

The replicate precision for this batch is within limits (15% RPD, 0.37 RER). However, due to the reanalysis for the low MB recovery, the sample used for the replicate is being reported on batch 483192, and thus cannot be shown on the report.

The sample tracer recovery (28.9%) is just below the lower QC limit (30%). However, the tracer resolution is good, no interferences are seen in the ROI, sufficient counts (511) were achieved in the tracer ROI to keep the count uncertainty at 2 sigma below 10%, and the client requested limit was met.

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.
V881-1-S (570-34864-29)

Method A-01-R: Po-210 Prep Batch 160-483192
The Po-209 tracer recovery is below the lower QC limit (30%).This may lead to higher MDC and relative uncertainty. The sample was counted for the maximum 960 minutes to help lower the MDC and relative uncertainty. More than 400 counts were achieved in the tracer peak, keeping the tracer counting uncertainty below 10% at the 2 sigma level. The peak resolution is good, no interferences are seen in the spectrum, and the MDC did meet the client requested limit (RL). The data is reported.
SF1530-1-0.5 (570-34864-24), SF1530-3-3.0 (570-34864-27) and VB27599-1-S (570-34864-28)

Method A-01-R: Po-210 Prep Batch 160-483192
Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.
SF1530-1-0.5 (570-34864-24), SF1530-1-0.5D (570-34864-25), SF1530-2-1.5 (570-34864-26), SF1530-3-3.0 (570-34864-27), VB27599-1-S (570-34864-28), (LCS 160-483192/2-A), (LCSD 160-483192/3-A) and (MB 160-483192/1-A)

Method A-01-R: Internal NCM

Method Digest/Cu Plate: Polonium Prep Batch 160-479953:

The following samples could not be thoroughly homogenized before sub-sampling was performed due to sample matrix: SF1530-1-0.5 (570-34864-24), SF1530-1-0.5D (570-34864-25), SF1530-2-1.5 (570-34864-26), SF1530-3-3.0 (570-34864-27), VB27599-1-S (570-34864-28) and V881-1-S (570-34864-29). The samples contained rocks and detritus material.

Method Digest/Cu Plate: Polonium Prep Batch 160-479953:

Job ID: 570-34864-3 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

The sample results for SF1530-1-0.5 (570-34864-24), SF1530-1-0.5D (570-34864-25), SF1530-2-1.5 (570-34864-26), SF1530-3-3.0 (570-34864-27), VB27599-1-S (570-34864-28) and V881-1-S (570-34864-29) are based upon sample as received (i.e. wet weight).

Sample 280-139059-1 was mostly liquid.

Method Digest/Cu Plate: Polonium Prep Batch 160-481320:

The sample results for SF1530-1-0.5 (570-34864-24), SF1530-1-0.5D (570-34864-25), SF1530-2-1.5 (570-34864-26), SF1530-3-3.0 (570-34864-27), VB27599-1-S (570-34864-28), V881-1-S (570-34864-29) and (570-34864-B-24 DU) are based upon sample as received (i.e. wet weight).

Method Digest/Cu Plate: Polonium Prep Batch 160-483192:

Insufficient sample volume was available to perform a sample duplicate (DUP) for the following samples: SF1530-1-0.5 (570-34864-24), SF1530-1-0.5D (570-34864-25), SF1530-2-1.5 (570-34864-26), SF1530-3-3.0 (570-34864-27), VB27599-1-S (570-34864-28) and V881-1-S (570-34864-29). A laboratory control sample/laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method GA-01-R: Gamma Prep Batch 160-482993
Many isotopes requested for analysis do not have any gamma emissions, or the gamma emissions they do have are very poor. Often, such analytes are reported by gamma spectrometry assuming secular equilibrium with a longer-lived parent. The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred from	Reported to Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-108m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Any minimum detectable concentration (MDC), critical value (DLC), or Safe Drinking Water Act detection limit (SDWA DL) is sample-specific unless otherwise stated elsewhere in this narrative.

Radiochemistry sample results are reported with the count date/time applied as the Activity Reference Date.

SF1530-1-0.5 (570-34864-24), SF1530-1-0.5D (570-34864-25), SF1530-2-1.5 (570-34864-26), SF1530-3-3.0 (570-34864-27), VB27599-1-S (570-34864-28), V881-1-S (570-34864-29) and (570-34864-B-24-G DU)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method: A-01-R - Isotopic Polonium (Alpha Spectrometry)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	1.49		0.211	0.245	1.00	0.0569	pCi/g	09/22/20 11:51	09/25/20 14:11	1

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	1.87		0.197	0.252	1.00	0.0395	pCi/g	09/22/20 11:51	09/25/20 14:11	1

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	2.82		0.257	0.350	1.00	0.0767	pCi/g	09/22/20 11:51	09/25/20 14:11	1

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	2.86		0.345	0.420	1.00	0.125	pCi/g	09/22/20 11:51	09/25/20 14:11	1

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	1.99		0.415	0.448	1.00	0.247	pCi/g	09/22/20 11:51	09/28/20 13:48	1

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	1.60		0.394	0.416	1.00	0.217	pCi/g	08/19/20 18:24	08/27/20 15:18	1

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Method: GA-01-R - Radium-226 & Other Gamma Emitters (GS)

Client Sample ID: SF1530-1-0.5
Date Collected: 08/04/20 12:15
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-24
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	0.504	U	0.959	0.961	5.00	1.40	pCi/g	08/27/20 17:41	09/19/20 22:23	1

Client Sample ID: SF1530-1-0.5D
Date Collected: 08/04/20 12:16
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-25
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	1.21	U	1.27	1.28	5.00	1.74	pCi/g	08/27/20 17:41	09/19/20 22:23	1

Client Sample ID: SF1530-2-1.5
Date Collected: 08/04/20 12:25
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-26
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	0.865	U	1.10	1.11	5.00	1.47	pCi/g	08/27/20 17:41	09/20/20 09:46	1

Client Sample ID: SF1530-3-3.0
Date Collected: 08/04/20 12:20
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-27
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	**2.48**		1.19	1.23	5.00	1.31	pCi/g	08/27/20 17:41	09/20/20 09:50	1

Client Sample ID: VB27599-1-S
Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	**2.38**		1.43	1.47	5.00	1.83	pCi/g	08/27/20 17:41	09/20/20 11:09	1

Client Sample ID: V881-1-S
Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29
Matrix: Solid

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	**1.73**		1.02	1.04	5.00	1.42	pCi/g	08/27/20 17:41	09/20/20 11:44	1

Method: A-01-R - Isotopic Polonium (Alpha Spectrometry)

Lab Sample ID: MB 160-479953/1-A
Matrix: Solid
Analysis Batch: 481022

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 479953

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	0.2524	U G	0.642	0.642	1.00	1.24	pCi/g	08/19/20 18:24	08/27/20 15:18	1

Lab Sample ID: LCS 160-479953/2-A
Matrix: Solid
Analysis Batch: 481025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 479953

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits
Polonium-210	3.29	3.374		0.488	1.00	0.143	pCi/g	102	75 - 113

Lab Sample ID: MB 160-483192/1-A
Matrix: Solid
Analysis Batch: 483973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 483192

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Polonium-210	0.01058	U	0.0153	0.0153	1.00	0.0260	pCi/g	09/22/20 11:51	09/25/20 14:10	1

Lab Sample ID: LCS 160-483192/2-A
Matrix: Solid
Analysis Batch: 483974

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 483192

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits
Polonium-210	3.29	3.406		0.332	1.00	0.0317	pCi/g	104	75 - 113

Lab Sample ID: LCSD 160-483192/3-A
Matrix: Solid
Analysis Batch: 483975

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 483192

Analyte	Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits	RER	RER Limit
Polonium-210	3.29	3.366		0.333	1.00	0.0221	pCi/g	102	75 - 113	0.06	1

Method: GA-01-R - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-480954/1-A
Matrix: Solid
Analysis Batch: 482996

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 480954

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Lead-210	0.3506	U	1.01	1.01	5.00	1.68	pCi/g	08/27/20 17:41	09/19/20 19:13	1

Method: GA-01-R - Radium-226 & Other Gamma Emitters (GS) (Continued)

Lab Sample ID: LCS 160-480954/2-A
Matrix: Solid
Analysis Batch: 483495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 480954

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec. Limits
Americium-241	99.9	92.41		10.8		0.843	pCi/g	92	87 - 116
Cesium-137	30.7	28.11		2.94		0.251	pCi/g	91	87 - 120
Cobalt-60	17.6	15.84		1.62		0.109	pCi/g	90	87 - 115

Lab Sample ID: 570-34864-24 DU
Matrix: Solid
Analysis Batch: 483013

Client Sample ID: SF1530-1-0.5
Prep Type: Total/NA
Prep Batch: 480954

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Lead-210	0.504	U	0.7564	U	0.668	5.00	0.881	pCi/g	0.16	1

Rad

Prep Batch: 479953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-29	V881-1-S	Total/NA	Solid	Digest/Cu Plate	
MB 160-479953/1-A	Method Blank	Total/NA	Solid	Digest/Cu Plate	
LCS 160-479953/2-A	Lab Control Sample	Total/NA	Solid	Digest/Cu Plate	

Prep Batch: 480954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	Fill_Geo-21	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	Fill_Geo-21	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	Fill_Geo-21	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	Fill_Geo-21	
570-34864-28	VB27599-1-S	Total/NA	Solid	Fill_Geo-21	
570-34864-29	V881-1-S	Total/NA	Solid	Fill_Geo-21	
MB 160-480954/1-A	Method Blank	Total/NA	Solid	Fill_Geo-21	
LCS 160-480954/2-A	Lab Control Sample	Total/NA	Solid	Fill_Geo-21	
570-34864-24 DU	SF1530-1-0.5	Total/NA	Solid	Fill_Geo-21	

Prep Batch: 483192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-34864-24	SF1530-1-0.5	Total/NA	Solid	Digest/Cu Plate	
570-34864-25	SF1530-1-0.5D	Total/NA	Solid	Digest/Cu Plate	
570-34864-26	SF1530-2-1.5	Total/NA	Solid	Digest/Cu Plate	
570-34864-27	SF1530-3-3.0	Total/NA	Solid	Digest/Cu Plate	
570-34864-28	VB27599-1-S	Total/NA	Solid	Digest/Cu Plate	
MB 160-483192/1-A	Method Blank	Total/NA	Solid	Digest/Cu Plate	
LCS 160-483192/2-A	Lab Control Sample	Total/NA	Solid	Digest/Cu Plate	
LCSD 160-483192/3-A	Lab Control Sample Dup	Total/NA	Solid	Digest/Cu Plate	

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Client Sample ID: SF1530-1-0.5

Lab Sample ID: 570-34864-24
Date Collected: 08/04/20 12:15
Matrix: Solid
Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Digest/Cu Plate			0.9985 g	1.0 g	483192	09/22/20 11:51	MNH	TAL SL
Total/NA	Analysis	A-01-R		1			483985	09/25/20 14:11	TJR	TAL SL
	Instrument ID: ALPHAVISION									
Total/NA	Prep	Fill_Geo-21			165.3000 g	1.0 g	480954	08/27/20 17:41	MAV	TAL SL
Total/NA	Analysis	GA-01-R		1			482996	09/19/20 22:23	SCB	TAL SL
	Instrument ID: GAMMAVISION									

Client Sample ID: SF1530-1-0.5D

Lab Sample ID: 570-34864-25
Date Collected: 08/04/20 12:16
Matrix: Solid
Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Digest/Cu Plate			1.0095 g	1.0 g	483192	09/22/20 11:51	MNH	TAL SL
Total/NA	Analysis	A-01-R		1			483986	09/25/20 14:11	TJR	TAL SL
	Instrument ID: ALPHAVISION									
Total/NA	Prep	Fill_Geo-21			149.6 g	1.0 g	480954	08/27/20 17:41	MAV	TAL SL
Total/NA	Analysis	GA-01-R		1			482999	09/19/20 22:23	SCB	TAL SL
	Instrument ID: GAMMAVISION									

Client Sample ID: SF1530-2-1.5

Lab Sample ID: 570-34864-26
Date Collected: 08/04/20 12:25
Matrix: Solid
Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Digest/Cu Plate			1.0028 g	1.0 g	483192	09/22/20 11:51	MNH	TAL SL
Total/NA	Analysis	A-01-R		1			483988	09/25/20 14:11	TJR	TAL SL
	Instrument ID: ALPHAVISION									
Total/NA	Prep	Fill_Geo-21			161.4 g	1.0 g	480954	08/27/20 17:41	MAV	TAL SL
Total/NA	Analysis	GA-01-R		1			482993	09/20/20 09:46	SCB	TAL SL
	Instrument ID: GAMMAVISION									

Client Sample ID: SF1530-3-3.0

Lab Sample ID: 570-34864-27
Date Collected: 08/04/20 12:20
Matrix: Solid
Date Received: 08/04/20 16:48

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Digest/Cu Plate			1.0049 g	1.0 g	483192	09/22/20 11:51	MNH	TAL SL
Total/NA	Analysis	A-01-R		1			483989	09/25/20 14:11	TJR	TAL SL
	Instrument ID: ALPHAVISION									
Total/NA	Prep	Fill_Geo-21			143.5 g	1.0 g	480954	08/27/20 17:41	MAV	TAL SL
Total/NA	Analysis	GA-01-R		1			482990	09/20/20 09:50	SCB	TAL SL
	Instrument ID: GAMMAVISION									

Lab Chronicle

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Client Sample ID: VB27599-1-S

Date Collected: 08/04/20 12:40
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-28

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Digest/Cu Plate			1.0015 g	1.0 g	483192	09/22/20 11:51	MNH	TAL SL
Total/NA	Analysis	A-01-R		1			484106	09/28/20 13:48	TJR	TAL SL
	Instrument ID: ALPHAVISION									
Total/NA	Prep	Fill_Geo-21			141.6 g	1.0 g	480954	08/27/20 17:41	MAV	TAL SL
Total/NA	Analysis	GA-01-R		1			482986	09/20/20 11:09	SCB	TAL SL
	Instrument ID: GAMMAVISION									

Client Sample ID: V881-1-S

Date Collected: 08/04/20 13:30
Date Received: 08/04/20 16:48

Lab Sample ID: 570-34864-29

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Digest/Cu Plate			1.0077 g	1.0 g	479953	08/19/20 18:24	CLP	TAL SL
Total/NA	Analysis	A-01-R		1			481011	08/27/20 15:18	TJR	TAL SL
	Instrument ID: ALPHAVISION									
Total/NA	Prep	Fill_Geo-21			149.2 g	1.0 g	480954	08/27/20 17:41	MAV	TAL SL
Total/NA	Analysis	GA-01-R		1			482993	09/20/20 11:44	SCB	TAL SL
	Instrument ID: GAMMAVISION									

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Laboratory: Eurofins TestAmerica, St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-22
ANAB	Dept. of Defense ELAP	L2305	04-06-22
ANAB	Dept. of Energy	L2305.01	04-06-22
ANAB	ISO/IEC 17025	L2305	04-06-22
Arizona	State	AZ0813	12-08-20
California	Los Angeles County Sanitation Districts	10259	06-30-21
California	State	2886	06-30-21
Connecticut	State	PH-0241	03-31-21
Florida	NELAP	E87689	06-30-21
HI - RadChem Recognition	State	n/a	06-30-21
Illinois	NELAP	004553	11-30-20
Kansas	NELAP	E-10236	10-31-20
Kentucky (DW)	State	KY90125	12-31-20
Louisiana	NELAP	04080	07-01-21
Louisiana (DW)	State	LA011	12-31-20
Maryland	State	310	09-28-20
MI - RadChem Recognition	State	9005	06-30-21
Missouri	State	780	06-30-22
Nevada	State	MO000542020-1	07-31-21
New Jersey	NELAP	MO002	06-30-21
New York	NELAP	11616	04-01-21
North Dakota	State	R-207	06-30-21
NRC	NRC	24-24817-01	12-31-22
Oklahoma	State	9997	08-31-21
Oregon	NELAP	4157	09-01-21
Pennsylvania	NELAP	68-00540	02-28-21
Texas	NELAP	T104704193-19-13	09-28-20
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-17-00028	03-11-23
Utah	NELAP	MO000542019-11	07-31-21
Virginia	NELAP	10310	06-14-21
Virginia	NELAP	10310	06-14-21
Washington	State	C592	08-30-21
West Virginia DEP	State	381	10-31-21

Method Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Method	Method Description	Protocol	Laboratory
A-01-R	Isotopic Polonium (Alpha Spectrometry)	DOE	TAL SL
GA-01-R	Radium-226 & Other Gamma Emitters (GS)	DOE	TAL SL
Digest/Cu Plate	Preparation, Digestion & Copper Plating	TAL-STL	TAL SL
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	TAL SL

Protocol References:

DOE = U.S. Department of Energy

None = None

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

TAL SL = Eurofins TestAmerica, St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Leighton Consulting Inc
Project/Site: SoCal Gas, Project # 11561.015

Job ID: 570-34864-3

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-34864-24	SF1530-1-0.5	Solid	08/04/20 12:15	08/04/20 16:48	
570-34864-25	SF1530-1-0.5D	Solid	08/04/20 12:16	08/04/20 16:48	
570-34864-26	SF1530-2-1.5	Solid	08/04/20 12:25	08/04/20 16:48	
570-34864-27	SF1530-3-3.0	Solid	08/04/20 12:20	08/04/20 16:48	
570-34864-28	VB27599-1-S	Solid	08/04/20 12:40	08/04/20 16:48	
570-34864-29	V881-1-S	Solid	08/04/20 13:30	08/04/20 16:48	

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

34864

570-34864 Chain of Custody

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com	Page: 1 of 3
Company: Leighton Consulting Inc			Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:		
City: Irvine	TAT Requested (days): Normal TAT		
State, Zip: CA, 92614			
Phone: 949-293-2519(Tel)	PO #: 11561.015		
Email: acctpayable@leightongroup.com	WO #:		
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662		
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5030/ 8260B	8015B_GRO C4-C12, 5030/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury + Total Sulfur	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde •	LACSD_258 - Mercaptans	300_ORGFM_28D Chloride			Total Number of containers	Special Instructions/Note:
Preservation Code:							A	A	N	D	N	N	N	N	N	N	N				
	8/4/20		Grab	Water																	
TK130-1	8/4/20	0821	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	6 VOAs, 4 1L-Amber, 1 0.5L Amber, +2 Poly
TK130-2	8/4/20	0839	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	"
TK130-3	8/4/20	0854	Grab	Water			X	X	X	X	X	X	X	X	X	X	X			13	"
EB	8/4/20	1410	Grab	Water			X	X	X	X	X	X	X	X						10	6 VOAs + 1 Amber 1L + 1 Amber 0.5L + 2 poly
TB-1	8/4/20	Trip Blank Provided by Lab	~~Grab~~	Water			X	X												6	
TB-2	8/4/20		~~Grab~~	Water			X	X												6	
TB-3	8/4/20		~~Grab~~	Water			X	X												6	
TB-4	8/4/20		~~Grab~~	Water			X	X												6	
TB-5	8/4/20		~~Grab~~	Water			X	X												6	
TB-6	8/4/20		~~Grab~~	Water			X	X												6	

Extra 1-2 Ambers

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For ____ Months to dispose by client obtain approval

Deliverable Requested: I, II, III, IV, Other (specify) Level II, ~~Chromatograms??~~

Special Instructions/QC Requirements: J-Flag Results, Show TICs -SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Meredith Church	8/4/20 1648	Leighton Consulting	Dannyle	8/4/20 16:48	TL

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

3.4/3.4 3.6/3.6 4.0/4.0 4.2/4.2 3.8/3.8 3 3.9 SC6

Ver: 01/16/2019

34864

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com		Page: 2 of 3
Company: Leighton Consulting Inc				Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:			
City: Irvine	TAT Requested (days): Normal TAT			
State, Zip: CA, 92614				
Phone: 949-293-2519(Tel)	PO #: 11561.015			
Email: acctpayable@leightongroup.com	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5035/ 8260B	8015B_GRO C4-C12, 5035/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury + Total + Soluble	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde	LACSD_258 - Mercaptans	300_ORGFM_28D, 7199_ORGFM Chloride Salts			Total Number of containers	Special Instructions/Note:
			Preservation Code:				E/F	E/F	N	N	N	N	N	N							
PT1419-1-0.5	8/4/20	0950	Grab	Soil			X	X	X	X	X	X	X	X						3	2 8oz Jars +5 VOA
PT1419-2-1.5	8/4/20	1000	Grab	Soil			X	X	X	X	X	X	X	X							
PT1419-3-1.5D	8/4/20	1001	Grab	Soil			X	X	X	X	X	X	X	X							
PT1419-3-3.0 MPC	8/4/20	1005	Grab	Soil			X	X	X	X	X	X	X	X							
SF1604-1-0.5	8/4/20	11:05	Grab	Soil			X	X	X	X	X	X	X	X							
SF1604-2-1.5	8/4/20	11:11	Grab	Soil			X	X	X	X	X	X	X	X							
SF1604-3-3.0	8/4/20	11:07	Grab	Soil			X	X	X	X	X	X	X	X							
SF1515-1-0.5 11:20	8/4/20	11:20	Grab	Soil			X	X	X	X	X	X	X	X							
SF1515-2-1.5 11:25	8/4/20	11:35	Grab	Soil			X	X	X	X	X	X	X	X							
SF1515-3.0 1130	8/4/20	11:30	Grab	Soil			X	X	X	X	X	X	X	X							
PT3138-0.5	8/4/20	1145	Grab	Soil			X	X	X	X	X	X	X	X							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For Obtain approval from Client Months to dispose

Deliverable Requested: I, II, III, IV, Other (specify) Level II (Standard)

Special Instructions/QC Requirements: J-Flag Results, Show TICs -SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Meredith Church	8/4/20 1648	Leighton Consulting	Dannyk	8/4/20 16:48	EC

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Page 17 of 24

10/1/2020

34864

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone (714) 895-5494 Fax (714) 894-7501

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: Meredith Church & Vanya Keyes	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-18633-4685.1
Client Contact: Accounts Payable	Phone: 949-293-2519	E-Mail: xuandang@eurofinsus.com		Page: 3 of 3
Company: Leighton Consulting Inc		Analysis Requested		Job #: 115610.015
Address: 17781 Cowan Suite 200	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA; M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
City: Irvine	TAT Requested (days): Normal TAT			
State, Zip: CA, 92614				
Phone: 949-293-2519(Tel)	PO #: 11561.015			
Email: acctpayable@leightongroup.com	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site: 12801 Tampa Avenue, Porter Ranch, CA	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B VOCs & Oxygenates, 5035/ 8260B	8015B_GRO C4-C12, 5035/8015B	8015B_TPH-CC Breakdown C6-C44 - No Silica Gel Surrog	6010B, 7470A_T22 metals + Extended list & Mercury (Total SVP)	8270C_SIM_PAH	8270C-SVOCs	8082A_PCBs	7199_ORGFM - Hexavalent Chromium	8315_Glutaraldehyde	LACSD_258 - Mercaptans	300_ORGFM_28D, 7199_ORGFM Chloride Salts			Total Number of containers	Special Instructions/Note:
				Preservation Code:			E/F	E/F	N	N	N	N	N	N							
PT3138-1.5	8/4/20	1150	Grab	Soil			X	X	X	X	X	X	X	X						2+5	2 8oz Jars + 5 VOA
PT3138-3.0	8/4/20	1155	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
SF1530-1-0.5	8/4/20	1215	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
SF1530-1-0.5D	8/4/20	1216	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
SF1530-2-1.5	8/4/20	1225	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
SF1530-3-3.0	8/4/20	1220	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
VB27599-1-5	8/4/20	1240	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
V881-1-5	8/4/20	1330	Grab	Soil			X	X	X	X	X	X	X	X						2+5	
CT814	8/4/20	1355	Grab	~~Soil~~ Oil			X	X	X	X	X	X	X	X						8	8-8oz ~~+ 1 1-L Amber~~ Product MOC - oil
	8/4/20		Grab	Soil																	
	8/4/20		Grab	Soil																	

Possible Hazard Identification (CT814)
☐ Non-Hazard ☒ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For ___ Months — obtain approval by client to dispose

Deliverable Requested: I, II, III, IV, Other (specify) — Level II (Standard)

Special Instructions/QC Requirements: J-Flag Results, Show TICs - SVOCs & PAHs

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Meredith Church [signature]	Date/Time: 8/4/20 1648	Company: Leighton Consulting	Received by: [signature]	Date/Time: 8/4/20 1648	Company: EE
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 01/16/2019

Sheila Luu

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, August 5, 2020 5:59 PM
To: Sheila Luu; Xuan Dang
Subject: RE: Aliso - summary of sampling 8/4/20

EXTERNAL EMAIL*

The following discrepancies were noted by the lab on the COC and they should be corrected as follows (green text):

1. Soil Samples: (-20) The container labels list SF1515-3-3.0, while the COC lists SF15-3.0 (collection date/time matched). The COC should be SF1515-3-3.0 to match the container labels.
   (-21) The container label lists PT3138-1-0.5, while the COC lists PT3138-0.5 (collection date/time matched). The COC should be PT3138-1-0.5 to match the container label
   (-22) The container label lists PT3138-2-1.5, while the COC lists PT3138-1.5 (collection date/time matched). The COC should be PT3138-2-0.5 to match the container
   (-23) The container label lists PT3138-3-3.0, while the COC lists PT3138-3.0 (collection date/time matched). The COC should be PT3138-3-0.5 to match the container
2. Trip Blanks - For the 6 TB – we received only 1 vial each sample, which test would you want to run VOC or Gas? Analyze the TBs for VOCs
3. Equipment Blank - per our sample control, we received only 1 amber glass for 8270 SIM, SVOCs and 8082. Which test would you want to run with this 1L amber Glass. Run the EB for SVOCs 8270C

Meredith Church, PG
Associate Geologist

LEIGHTON
Solutions You Can Build On
17781 Cowan
Irvine, CA 92614
(949) 681-4208 (Direct)
(949) 293-2519 (Cell)
(949) 477-4040 (Office)
(949) 250-1114 (Fax)

Xuan Dang

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, August 12, 2020 4:37 PM
To: 'Xuan Dang'; Sheila Luu
Subject: additional analyses - Aliso

EXTERNAL EMAIL*

Xuan,
Please add the Super List of compounds of VOCs and SVOCs to all samples requested to be analyzed by Routine 8260 and 8270. I would also like to include TICs for VOCs (I have already indicated on the COC to include TICs for SVOCs).

Please add the following analyses available to the samples below:
ANALYSES

1. Formaldehyde by 8315. Please add to the previous 8315 request with the condition that QC for formaldehyde passed method criteria. If it does not, please analyze again. Can you please let me know what the full list is for 8315?
2. Alkalinity
3. pH
4. isotopes - Pb-210 and Po-210. Can you analyze for this or sub out?
5. Is it possible to sub out crystalline silica analysis?

SAMPLES

1. B27599-1-S,
2. V881-1-S,
3. SF1530-1-0.5,
4. SF1530-1-0.5D,
5. SF1530-2-1.5, and
6. SF1530-3-3.0

If any of these methods are out of the hold time (other than pH), please let me know. Can you please confirm that you have enough material for these analyses, and also let me know ~how many grams will remain afterwards?

Meredith Church, PG
Associate Geologist

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(949) 477-4040 (Office)
(949) 250-1114 (Fax)

Luu, Sheila

From: Meredith Church <mchurch@leightongroup.com>
Sent: Wednesday, September 09, 2020 2:18 PM
To: 'Sheila Luu'; 'Xuan Dang'
Subject: J34864-1 UDS Level 2 Report Final Report

EXTERNAL EMAIL*

Hi Xuan,
I have a couple of revisions to sample names in the lab report - J34864-1 UDS Level 2 Report Final Report. My typing wasn't working so great for me when I made the corrections last time!!
Please change sample PT3138-2-0.5 in the lab report to match the container, which was: **PT3138-2-1.5**
Please change sample PT3138-3-0.5 in the lab report to match the container, which was: **PT3138-3-3.0**

I made a mistake in my email below as shown in red, with correction in blue

(-22) The container label lists PT3138-2-1.5, while the COC lists PT3138-1.5 (collection date/time matched). The COC should be PT3138-2-0.5 (1.5) to match the container

(-23) The container label lists PT3138-3-3.0, while the COC lists PT3138-3.0 (collection date/time matched). The COC should be PT3138-3-0.5 (3.0) to match the container

Please revise and reissue the report. Thank you!!

Meredith Church, PG
Associate Geologist

LEIGHTON
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17781 Cowan
Irvine, CA 92614
(949) 681-4208 (Direct)
(949) 293-2519 (Cell)
(949) 477-4040 (Office)
(949) 250-1114 (Fax)

From: Meredith Church
Sent: Wednesday, August 5, 2020 5:59 PM
To: 'Sheila Luu' <SheilaLuu@eurofinsUS.com>; 'Xuan Dang' <XuanDang@eurofinsUS.com>
Subject: RE: Aliso - summary of sampling 8/4/20

The following discrepancies were noted by the lab on the COC and they should be corrected as follows (green text):

1. Soil Samples: (-20) The container labels list SF1515-3-3.0, while the COC lists SF15-3.0 (collection date/time matched). The COC should be SF1515-3-3.0 to match the container labels.

(-21) The container label lists PT3138-1-0.5, while the COC lists PT3138-0.5 (collection date/time matched). The COC should be PT3138-1-0.5 to match the container label

(-22) The container label lists PT3138-2-1.5, while the COC lists PT3138-1.5 (collection date/time matched). The COC should be PT3138-2-0.5 (1.5) to match the container

(-23) The container label lists PT3138-3-3.0, while the COC lists PT3138-3.0 (collection date/time matched). The COC should be PT3138-3-0.5 (3.0) to match the container

2. Trip Blanks - For the 6 TB – we received only 1 vial each sample, which test would you want to run VOC or Gas? Analyze the TBs for VOCs

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494 Fax: 714-894-7501

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Dang, Xuan	Carrier Tracking No(s):	COC No: 570-45964.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Xuan.Dang@eurofinset.com	State of Origin: California	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 570-34864-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 8/14/2020			
City: Earth City	TAT Requested (days):			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #:			
Email:	WO #:			
Project Name: SoCal Gas, Project # 11561.015	Project #: 57005662			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	A01R_Po/Dig_CuPlate (MOD) Standard Target List	GA_01_R_Ra/Fil_Geo_21 (MOD) Copy Analytes	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
SF1530-1-0.5 (570-34864-24)	8/4/20	12:15 Pacific		Solid			X	X	1	Need 150g
SF1530-1-0.5D (570-34864-25)	8/4/20	12:16 Pacific		Solid			X	X	1	Need 150g
SF1530-2-1.5 (570-34864-26)	8/4/20	12:25 Pacific		Solid			X	X	1	Need 150g
SF1530-3-3.0 (570-34864-27)	8/4/20	12:20 Pacific		Solid			X	X	1	Need 150g
VB27599-1-S (570-34864-28)	8/4/20	12:40 Pacific		Solid			X	X	1	Need 150g
V881-1-S (570-34864-29)	8/4/20	13:30 Pacific		Solid			X	X	1	Need 150g

Note: Since laboratory accreditations are subject to change, Eurofins Calscience places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Calscience laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Calscience attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins Calscience.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		8/18/2020 1220	ECI	FedEx		
2	FedEx				8/19/20 09:30	ETASTL
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 570-34864-3

Login Number: 34864
List Number: 1
Creator: Le, Danny

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	False	Refer to Job Narrative for details.
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Leighton Consulting Inc

Job Number: 570-34864-3

Login Number: 34864
List Number: 4
Creator: Boyd, Jacob C

List Source: Eurofins TestAmerica, St. Louis
List Creation: 08/19/20 03:04 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	