HALEY ALDRICH

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UNKNOWN DEPOSITED SOIL SAMPLING AND ANALYSIS REPORT
ELLIS AVENUE PROJECT
PERRIS, CALIFORNIA

by
Haley & Aldrich, Inc.
San Diego, California

for
Newcastle Partners, Inc.
Corona, California

File No. 0205014-001
June 2022

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1 June 2022
File No. 0205014-001

Newcastle Partners, Inc.
4740 Green River Road, Suite 100
Corona, California 92878

Attention: Ms. Courtney Smith

Subject: Unknown Deposited Soil Sampling and Analysis Report
Ellis Avenue Project
Perris, California

Dear Ms. Smith:

Haley & Aldrich, Inc., (Haley & Aldrich) prepared this letter report to summarize the results of sampling and analyzing unknown deposited soil at the Ellis Avenue Project in Perris, California ([Site]; Figure 1). The Site is approximately 35 acres of vacant, undeveloped land located between Ellis Avenue and Case Road consisting of the following assessor's parcel numbers:

- 330-090-006; and
- 330-090-007.

Background

Haley & Aldrich prepared a Phase I Environmental Site Assessment (Phase I) for the Site dated 17 May 2022. As part of the Phase I, Haley & Aldrich conducted a Site visit on 14 March 2022 and observed an approximately 200 feet by 200 feet area of unknown deposited soil area ranging in height by approximately 2 to 5 feet in the northeastern portion of the Site. No discoloration or debris were observed on the surface of the deposited soil during the Site visit.

Based on a review of historical photographs available on Google Earth, the soil appeared to have been deposited between 2003 and 2006. Mr. Edward Girodat, a representative of the property owner, was not aware of the origin of the soil, no documentation was available regarding the origin of the soil, and no sampling and analysis of this soil had been performed at the time of the Phase I. This unknown deposited soil was identified as a Recognized Environmental Condition in the Phase I, given the lack of information regarding its content and unknown origin. We therefore proposed to sample and analyze the unknown deposited soil to assess whether it was suitable to remain on Site or if it should be transported off Site for proper disposal.

Soil Sampling and Analysis

Haley & Aldrich collected samples of the unknown deposited soil on 14 April 2022. Soil samples were collected from four locations within the top foot of soil using a hand trowel; sample locations are shown on Figure 2. The hand trowel was decontaminated with deionized water from spray bottles and paper towels prior to collecting each sample. Soil samples were collected in laboratory-provided glass jars; those to be analyzed for volatile organic compound (VOC) analysis were collected following U.S. Environmental Protection Agency (EPA) Method 5035. The soil samples were placed in an ice filled cooler and transported under standard chain of custody protocol to Eurofins Calscience, a California-certified laboratory in Garden Grove, California, and analyzed for the following:

- VOCs by EPA Method 8260;
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270;
- Polychlorinated biphenyls (PCBs) by EPA Method 8082;
- Organochlorine pesticides by EPA Method 8081, and
- Title 22 Metals by EPA Method 6010/7471.

Summary of Analytical Results

The laboratory analytical reports are presented in Appendix A. Table 1 summarizes the detected soil sample analytical results. Metals, one VOC (acetone), and three organochlorine pesticides (DDE, DDT, and toxaphene) were detected in the soil samples, as shown in Table 1. No SVOCs and PCBs were detected in the soil samples at concentrations greater than the laboratory reporting limit.

Data Evaluation

The soil sample results were evaluated to assess whether the unknown deposited soil is acceptable to remain on Site under a commercial/industrial land use and if not, how the soil may be classified for waste disposal purposes.

The analytical results were first compared to California Department of Toxic Substances Control (DTSC) screening levels for commercial/industrial land use (DTSC-SLs). Detected chemical concentrations were less than DTSC-SLs by over an order of magnitude, with one exception. Arsenic was detected at a concentration greater than its DTSC-SL. Arsenic concentrations were detected in three of the four soil samples, with detected concentrations ranging from 26.5 milligrams per kilogram (mg/kg) to 91.7 mg/kg. Since the DTSC-SL for arsenic is less than typical natural background soil concentrations, detected arsenic concentrations were also compared to an appropriate natural background threshold to further assess whether arsenic concentrations are naturally occurring and can be left on Site. The DTSC published a typical natural background threshold of 12 mg/kg for arsenic, identified as a regional upper-bound estimate that can be used for screening arsenic concentrations throughout southern California soil (DTSC, 2020). Each of the three detected arsenic concentrations was also greater than this background concentration threshold. Based on these apparently elevated arsenic concentrations, we

recommend that the unknown deposited soil be removed from the Site and disposed of at an appropriately regulated landfill.

The detected concentrations were then compared to federal and state hazardous waste criteria to identify whether the soil may be considered a non-hazardous waste, a California hazardous waste, or federal Resource Conservation and Recovery Act hazardous waste if removed from the Site (Table 1). The criteria used in this comparison included the following:

- California Toxicity Threshold Limit Concentration (TTLC);
- 10 times the California Soluble Threshold Limit Concentration (STLC) to assess whether the sample results may exceed the STLC (referred to as the "10 times rule"; and
- 20 times the Toxicity Characteristic Leaching Procedure (TCLP) to assess whether the sample results may exceed the federal TCLP limit (referred to as the "20 times rule").

A review of Table 1 indicates that the detected soil concentrations were less than state and federal hazardous waste criteria (i.e., TTLC, less than 10 times the STLC, and less than 20 times the TCLP), with one exception. Arsenic was detected in one sample at a concentration of 91.7 mg/kg, which exceeds 50 mg/kg based on the "10 times rule" for an STLC of 5 milligrams per Liter (mg/L).

This sample was therefore further analyzed by the STLC Waste Extraction Test method. The results indicated a soluble arsenic concentration less than the laboratory detection limit of 2 milligrams per liter (mg/L), which is less than the STLC of 5 mg/L. Based on that sample result, the unknown deposited soil is likely not considered California hazardous waste and would therefore be considered non-hazardous waste for off Site disposal to a regulated landfill. This preliminary waste profile would be verified by the selected landfill facility.

Recommendations

Based on the information obtained and the detection of elevated arsenic concentrations within the unknow deposited soil, we recommend that this soil be removed from the Site and disposed of at an appropriately regulated landfill.

Closing

We appreciate the opportunity to provide environmental consulting services on this project. Please do not hesitate to call if you have any questions or comments.

Sincerely yours,
HALEY & ALDRICH, INC.

Mathew T. Raithel
Senior Technical Specialist

Anita Broughton, CIH
Principal Consultant

Enclosures:

- Table 1 – Summary of Soil Analytical Results
- Figure 1 – Project Locus
- Figure 2 – Soil Sample Location Map
- Appendix A – Laboratory Analytical Reports

References

1. California Department of Toxic Substances Control, 2020. Human Health Risk Assessment (HHRA) Note Number 11, Southern California Ambient Arsenic Screening Level. 28 December.

2. California Department of Toxic Substances Control, 2022. Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs), June 2020 – Revised May 2022. May.

3. Haley & Aldrich, Inc., 2022. Phase I Environmental Site Assessment, Ellis Avenue Project, Perris, California. 17 May.

\\haleyaldrich.com\share\CF\Projects\0205014\Phase II\Deliverables\2022_0601_HAI_Ellis_Stockpile_Letter Report_F.docx

TABLE

TABLE 1

SUMMARY OF SOIL ANALYTICAL RESULTS

ELLIS AVENUE PROJECT

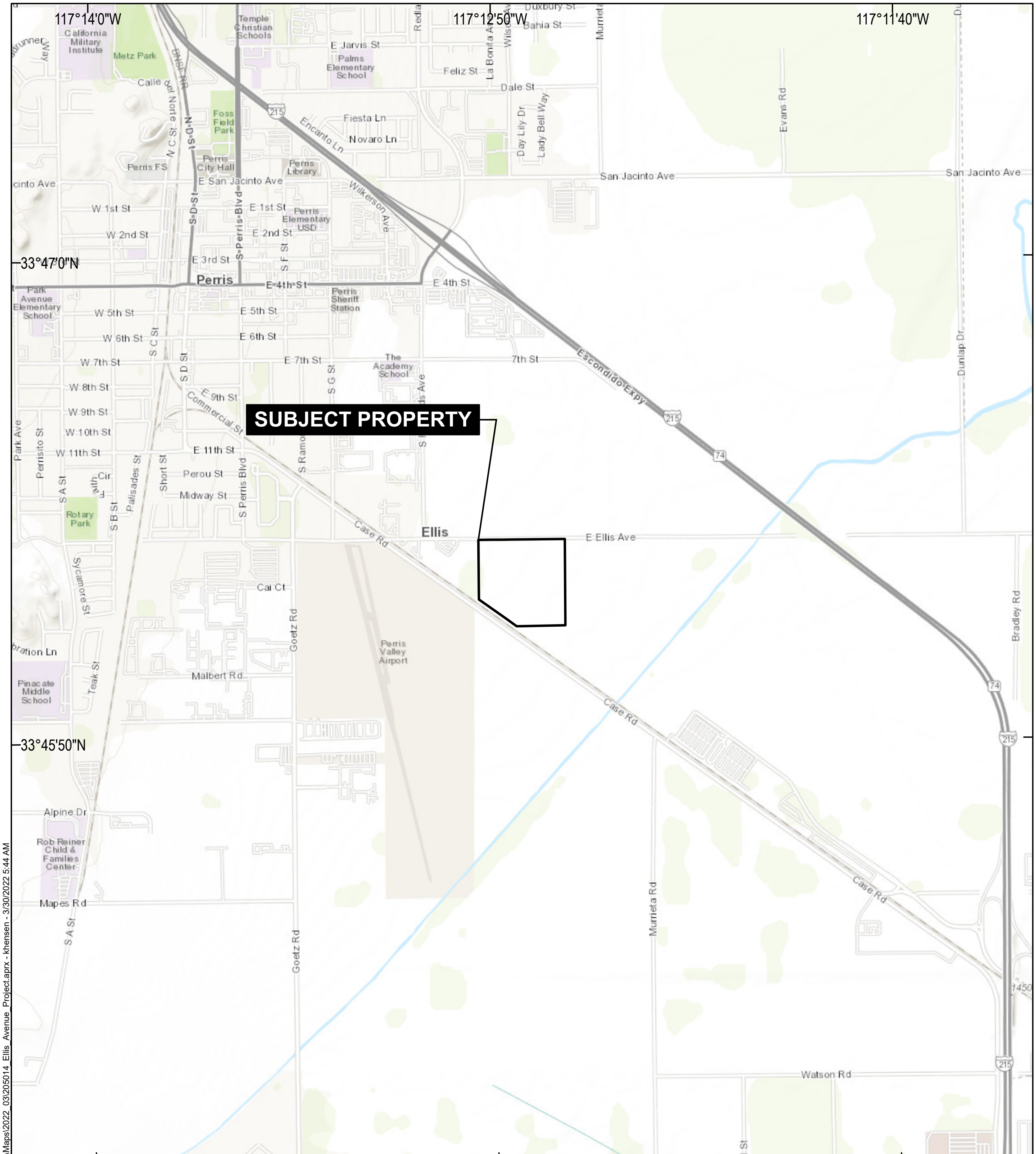
PERRIS, CALIFORNIA

Location Sample Date Sample Name	DTSC Commercial/ Industiral	TTLC	STLC 10x	TCLP 20x	SP-1 04/14/2022 SP-1-04142022	SP-2 04/14/2022 SP-2-04142022	SP-3 04/14/2022 SP-3-04142022	SP-4 04/14/2022 SP-4-04142022
Inorganic Compounds (mg/kg)								
Antimony	470	500	150	-	< 9.95	< 9.95	< 9.85	< 9.9
Arsenic	0.36	500	50	100	**91.7** [AC]	**28.2** [A]	**26.5** [A]	< 2.97
Barium	220,000	10,000	1,000	2,000	**125**	**163**	**131**	**193**
Beryllium	230	75	7.5	-	**0.659**	**0.759**	**0.8**	< 0.495
Cadmium	79	100	10	20	**3.94**	**6.14**	**5.92**	**0.978**
Chromium	1,800,000	2,500	50	100	**30**	**29.1**	**32**	**14.9**
Cobalt	350	8,000	800	-	**12.3**	**13.1**	**12.8**	**6.11**
Copper	47,000	2,500	250	-	**36**	**37.8**	**35.8**	**15.7**
Lead	500	1,000	50	100	**8.86**	**13.2**	**16.3**	**7.17**
Mercury	4.4	20	2	4	< 0.0833	< 0.0806	< 0.0862	**0.955**
Molybdenum	5,800	3,500	3,500	-	< 1.99	**2**	< 1.97	< 1.98
Nickel	11,000	2,000	200	-	**24.2**	**27.2**	**30.8**	**9.36**
Selenium	5,800	100	10	20	< 2.99	< 2.99	< 2.96	< 2.97
Silver	5,800	500	50	100	< 1.49	< 1.49	< 1.48	< 1.49
Thallium	12	700	70	-	< 9.95	< 9.95	< 9.85	< 9.9
Vanadium	5,800	2,400	240	-	**58.2**	**62.4**	**65.5**	**42.7**
Zinc	350,000	5,000	2,500	-	**97.1**	**138**	**130**	**93.6**
Pesticides (mg/kg)								
4,4'-DDE	9.3	1	1	-	< 0.005	< 0.005	< 0.005	**0.0082**
4,4'-DDT	7.1	1	1	-	< 0.005	< 0.005	< 0.005	**0.028**
Toxaphene	1.2	5	5	10	< 0.025	< 0.025	< 0.025	**0.079**
Volatile Organic Compounds (mg/kg)								
Acetone	1,100,000	-	-	-	**0.048**	**0.018**	**0.05**	**0.13**

Notes:

1. Results in **bold** are detected.
2. <: Result is not detected above the indicated reporting limit.
3. J: Estimated result
4. Detected results were screened against the following criteria.
   Results detected above criteria are shaded in gray and flagged in [ ].
   [A]: Department of Toxic Substances Control (DTSC) Screening Level for Commercial/Industrial (June 2020, Revised May 2022)
   [B]: Total Threshold Limit Concentration (TTLC)
   [C]: Soluble Threshold Limit Concentration (STLC) 10x
   [D]: Toxicity Characteristic Leaching Procedure (TCLP) 20x

FIGURES



MAP SOURCE: ESRI
SITE COORDINATES: 33°46'13"N, 117°12'45"W

HALEY ALDRICH

ELLIS AVENUE PROJECT
PERRIS, CALIFORNIA

PROJECT LOCUS

APPROXIMATE SCALE: 1 IN = 2000 FT
JUNE 2022

FIGURE 1

GIS: \\haleyaldrich.com\share\CF\Projects\0205014\GIS\Maps\2022_03\205014_Ellis_Avenue_Project.aprx - khensen - 3/30/2022 5:44 AM

LEGEND

UNKNOWN DEPOSITED SOIL SAMPLE LOCATION

SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: NEARMAP, 14 JANUARY 2022

N

0 200 400

SCALE IN FEET

HALEY ALDRICH

ELLIS AVENUE PROJECT
PERRIS, CALIFORNIA

SOIL SAMPLE LOCATION MAP

JUNE 2022

FIGURE 2

APPENDIX A
Laboratory Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92505-1
Client Project/Site: Ellis Avenue Project, Perris CA / 020501

For:
Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, California 92108

Attn: Matt Raithel

Virendra R Patel

Authorized for release by:
4/25/2022 9:52:19 AM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Qualifiers

GC/MS 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.

Metals

Qualifier	Qualifier Description
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.
F1	MS and/or MSD recovery exceeds control limits.

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

Case Narrative

Client: Haley & Aldrich, Inc. Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92505-1

Comments
No additional comments.

Receipt
The samples were received on 4/14/2022 2:19 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.2º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-227897. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

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

GC/MS Semi VOA
Method 8270C: The following sample was diluted due to the nature of the sample matrix: SP-4-04142022 (570-92505-4). Elevated reporting limits (RLs) are provided.

Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-227671 and analytical batch 570-227982 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or 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
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries of Antimony and Zinc for preparation batch 440-671090 and analytical batch 440-671194 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Organic Prep
Method 3546: Due to the matrix, the following samples could not be concentrated to the final method required volume: SP-4-04142022 (570-92505-4), (570-92505-B-4 MS) and (570-92505-B-4 MSD). The reporting limits (RLs) are elevated proportionately. The final volume was changed from 2mL to 4mL.
8270

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

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-1

Client Sample ID: SP-1-04142022 — Lab Sample ID: 570-92505-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	48		22		ug/Kg	1		8260B	Total/NA
Arsenic	91.7		2.99		mg/Kg	5		6010B	Total/NA
Barium	125		2.99		mg/Kg	5		6010B	Total/NA
Beryllium	0.659		0.498		mg/Kg	5		6010B	Total/NA
Cadmium	3.94		0.498		mg/Kg	5		6010B	Total/NA
Chromium	30.0		0.995		mg/Kg	5		6010B	Total/NA
Cobalt	12.3		0.995		mg/Kg	5		6010B	Total/NA
Copper	36.0		1.99		mg/Kg	5		6010B	Total/NA
Lead	8.86		1.99		mg/Kg	5		6010B	Total/NA
Nickel	24.2		1.99		mg/Kg	5		6010B	Total/NA
Vanadium	58.2		0.995		mg/Kg	5		6010B	Total/NA
Zinc	97.1		4.98		mg/Kg	5		6010B	Total/NA

Client Sample ID: SP-2-04142022 — Lab Sample ID: 570-92505-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		17		ug/Kg	1		8260B	Total/NA
Arsenic	28.2		2.99		mg/Kg	5		6010B	Total/NA
Barium	163		2.99		mg/Kg	5		6010B	Total/NA
Beryllium	0.759		0.498		mg/Kg	5		6010B	Total/NA
Cadmium	6.14		0.498		mg/Kg	5		6010B	Total/NA
Chromium	29.1		0.995		mg/Kg	5		6010B	Total/NA
Cobalt	13.1		0.995		mg/Kg	5		6010B	Total/NA
Copper	37.8		1.99		mg/Kg	5		6010B	Total/NA
Lead	13.2		1.99		mg/Kg	5		6010B	Total/NA
Molybdenum	2.00		1.99		mg/Kg	5		6010B	Total/NA
Nickel	27.2		1.99		mg/Kg	5		6010B	Total/NA
Vanadium	62.4		0.995		mg/Kg	5		6010B	Total/NA
Zinc	138		4.98		mg/Kg	5		6010B	Total/NA

Client Sample ID: SP-3-04142022 — Lab Sample ID: 570-92505-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	50		21		ug/Kg	1		8260B	Total/NA
Arsenic	26.5		2.96		mg/Kg	5		6010B	Total/NA
Barium	131		2.96		mg/Kg	5		6010B	Total/NA
Beryllium	0.800		0.493		mg/Kg	5		6010B	Total/NA
Cadmium	5.92		0.493		mg/Kg	5		6010B	Total/NA
Chromium	32.0		0.985		mg/Kg	5		6010B	Total/NA
Cobalt	12.8		0.985		mg/Kg	5		6010B	Total/NA
Copper	35.8		1.97		mg/Kg	5		6010B	Total/NA
Lead	16.3		1.97		mg/Kg	5		6010B	Total/NA
Nickel	30.8		1.97		mg/Kg	5		6010B	Total/NA
Vanadium	65.5		0.985		mg/Kg	5		6010B	Total/NA
Zinc	130		4.93		mg/Kg	5		6010B	Total/NA

Client Sample ID: SP-4-04142022 — Lab Sample ID: 570-92505-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	130		26		ug/Kg	1		8260B	Total/NA
4,4'-DDE	8.2		5.0		ug/Kg	1		8081A	Total/NA
4,4'-DDT	28		5.0		ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample ID: SP-4-04142022 (Continued)
Lab Sample ID: 570-92505-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toxaphene	79		25		ug/Kg	1		8081A	Total/NA
Barium	193		2.97		mg/Kg	5		6010B	Total/NA
Cadmium	0.978		0.495		mg/Kg	5		6010B	Total/NA
Chromium	14.9		0.990		mg/Kg	5		6010B	Total/NA
Cobalt	6.11		0.990		mg/Kg	5		6010B	Total/NA
Copper	15.7		1.98		mg/Kg	5		6010B	Total/NA
Lead	7.17		1.98		mg/Kg	5		6010B	Total/NA
Nickel	9.36		1.98		mg/Kg	5		6010B	Total/NA
Vanadium	42.7		0.990		mg/Kg	5		6010B	Total/NA
Zinc	93.6		4.95		mg/Kg	5		6010B	Total/NA
Mercury	0.955		0.0833		mg/Kg	1		7471A	Total/NA

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1,1-Trichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1,2,2-Tetrachloroethane	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1,2-Trichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1-Dichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1-Dichloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,1-Dichloropropene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2,3-Trichlorobenzene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2,3-Trichloropropane	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2,4-Trichlorobenzene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2,4-Trimethylbenzene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2-Dibromo-3-Chloropropane	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2-Dibromoethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2-Dichlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2-Dichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,2-Dichloropropane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,3,5-Trimethylbenzene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,3-Dichlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,3-Dichloropropane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
1,4-Dichlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
2,2-Dichloropropane	ND		5.4		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
2-Butanone	ND		22		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
2-Chlorotoluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
2-Hexanone	ND		22		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
4-Chlorotoluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
4-Methyl-2-pentanone	ND		22		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Acetone	**48**		22		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Benzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Bromobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Bromochloromethane	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Bromodichloromethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Bromoform	ND		5.4		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Bromomethane	ND		22		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
cis-1,2-Dichloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
cis-1,3-Dichloropropene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Carbon disulfide	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Carbon tetrachloride	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Chlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Chloroethane	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Chloroform	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Chloromethane	ND		22		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Dibromochloromethane	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Dibromomethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Dichlorodifluoromethane	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Ethylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Isopropylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Methylene Chloride	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Methyl-t-Butyl Ether (MTBE)	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1

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

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
n-Butylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
N-Propylbenzene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
o-Xylene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
m,p-Xylene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
p-Isopropyltoluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
sec-Butylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Styrene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
trans-1,2-Dichloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
trans-1,3-Dichloropropene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
tert-Butylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Tetrachloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Toluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Trichloroethene	ND		2.2		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Trichlorofluoromethane	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Vinyl acetate	ND		11		ug/Kg		04/16/22 08:20	04/20/22 08:52	1
Vinyl chloride	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 142*	*04/16/22 08:20*	*04/20/22 08:52*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*	*04/16/22 08:20*	*04/20/22 08:52*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*04/16/22 08:20*	*04/20/22 08:52*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*	*04/16/22 08:20*	*04/20/22 08:52*	*1*

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1,1-Trichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1,2-Trichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1-Dichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,1-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2-Dibromo-3-Chloropropane	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2-Dibromoethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2-Dichloroethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,2-Dichloropropane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,3-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,3-Dichloropropane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
1,4-Dichlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
2,2-Dichloropropane	ND		4.3		ug/Kg		04/16/22 08:20	04/20/22 09:13	1

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

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		17		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
2-Chlorotoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
2-Hexanone	ND		17		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
4-Chlorotoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
4-Methyl-2-pentanone	ND		17		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Acetone	**18**		17		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Benzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Bromobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Bromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Bromodichloromethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Bromoform	ND		4.3		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Bromomethane	ND		17		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Carbon disulfide	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Carbon tetrachloride	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Chlorobenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Chloroethane	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Chloroform	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Chloromethane	ND		17		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Dibromochloromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Dibromomethane	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Ethylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Isopropylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Methylene Chloride	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Naphthalene	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
n-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
N-Propylbenzene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
o-Xylene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
m,p-Xylene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
p-Isopropyltoluene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
sec-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Styrene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
tert-Butylbenzene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Tetrachloroethene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Toluene	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Trichloroethene	ND		1.7		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Trichlorofluoromethane	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Vinyl acetate	ND		8.5		ug/Kg		04/16/22 08:20	04/20/22 09:13	1
Vinyl chloride	ND		0.85		ug/Kg		04/16/22 08:20	04/20/22 09:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 142*	*04/16/22 08:20*	*04/20/22 09:13*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*04/16/22 08:20*	*04/20/22 09:13*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 123*	*04/16/22 08:20*	*04/20/22 09:13*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*	*04/16/22 08:20*	*04/20/22 09:13*	*1*

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

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1,1-Trichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1,2-Trichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1-Dichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1-Dichloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,1-Dichloropropene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2,3-Trichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2,3-Trichloropropane	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2,4-Trichlorobenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2-Dibromo-3-Chloropropane	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2-Dibromoethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2-Dichlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2-Dichloroethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,2-Dichloropropane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,3-Dichlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,3-Dichloropropane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
1,4-Dichlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
2,2-Dichloropropane	ND		5.3		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
2-Butanone	ND		21		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
2-Chlorotoluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
2-Hexanone	ND		21		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
4-Chlorotoluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
4-Methyl-2-pentanone	ND		21		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Acetone	**50**		21		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Benzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Bromobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Bromochloromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Bromodichloromethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Bromoform	ND		5.3		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Bromomethane	ND		21		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
cis-1,2-Dichloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
cis-1,3-Dichloropropene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Carbon disulfide	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Carbon tetrachloride	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Chlorobenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Chloroethane	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Chloroform	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Chloromethane	ND		21		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Dibromochloromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Dibromomethane	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Dichlorodifluoromethane	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Ethylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Isopropylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Methylene Chloride	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Methyl-t-Butyl Ether (MTBE)	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1

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

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
n-Butylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
N-Propylbenzene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
o-Xylene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
m,p-Xylene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
p-Isopropyltoluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
sec-Butylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Styrene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
trans-1,2-Dichloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
tert-Butylbenzene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Tetrachloroethene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Toluene	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Trichloroethene	ND		2.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Trichlorofluoromethane	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Vinyl acetate	ND		11		ug/Kg		04/16/22 08:20	04/20/22 09:34	1
Vinyl chloride	ND		1.1		ug/Kg		04/16/22 08:20	04/20/22 09:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 142*	*04/16/22 08:20*	*04/20/22 09:34*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*	*04/16/22 08:20*	*04/20/22 09:34*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*04/16/22 08:20*	*04/20/22 09:34*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*	*04/16/22 08:20*	*04/20/22 09:34*	*1*

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1,1-Trichloroethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1,2,2-Tetrachloroethane	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1,2-Trichloroethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1-Dichloroethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1-Dichloroethene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,1-Dichloropropene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2,3-Trichlorobenzene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2,3-Trichloropropane	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2,4-Trichlorobenzene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2,4-Trimethylbenzene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2-Dibromo-3-Chloropropane	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2-Dibromoethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2-Dichlorobenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2-Dichloroethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,2-Dichloropropane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,3,5-Trimethylbenzene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,3-Dichlorobenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,3-Dichloropropane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
1,4-Dichlorobenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
2,2-Dichloropropane	ND		6.4		ug/Kg		04/16/22 08:20	04/20/22 09:55	1

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

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND		26		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
2-Chlorotoluene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
2-Hexanone	ND		26		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
4-Chlorotoluene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
4-Methyl-2-pentanone	ND		26		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Acetone	**130**		26		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Benzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Bromobenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Bromochloromethane	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Bromodichloromethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Bromoform	ND		6.4		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Bromomethane	ND		26		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
cis-1,2-Dichloroethene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
cis-1,3-Dichloropropene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Carbon disulfide	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Carbon tetrachloride	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Chlorobenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Chloroethane	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Chloroform	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Chloromethane	ND		26		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Dibromochloromethane	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Dibromomethane	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Dichlorodifluoromethane	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Ethylbenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Isopropylbenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Methylene Chloride	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Methyl-t-Butyl Ether (MTBE)	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Naphthalene	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
n-Butylbenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
N-Propylbenzene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
o-Xylene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
m,p-Xylene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
p-Isopropyltoluene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
sec-Butylbenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Styrene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
trans-1,2-Dichloroethene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
trans-1,3-Dichloropropene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
tert-Butylbenzene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Tetrachloroethene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Toluene	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Trichloroethene	ND		2.6		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Trichlorofluoromethane	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Vinyl acetate	ND		13		ug/Kg		04/16/22 08:20	04/20/22 09:55	1
Vinyl chloride	ND		1.3		ug/Kg		04/16/22 08:20	04/20/22 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 142*	*04/16/22 08:20*	*04/20/22 09:55*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*	*04/16/22 08:20*	*04/20/22 09:55*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 123*	*04/16/22 08:20*	*04/20/22 09:55*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*	*04/16/22 08:20*	*04/20/22 09:55*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
1,2-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
1,3-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
1,4-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
1-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,4,5-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,4,6-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,4-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,4-Dimethylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,4-Dinitrophenol	ND		2.0		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,4-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,6-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2,6-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2-Chloronaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2-Chlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2-Methylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
2-Nitrophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
3,3'-Dichlorobenzidine	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
3 & 4 Methylphenol	ND		1.0		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
3-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4,6-Dinitro-2-methylphenol	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4-Bromophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4-Chloro-3-methylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4-Chloroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4-Chlorophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
4-Nitrophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Acenaphthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Acenaphthylene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Aniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Azobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzidine	ND		5.0		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzo[a]anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzo[a]pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzoic acid	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Benzyl alcohol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Bis(2-chloroethoxy)methane	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Bis(2-chloroethyl)ether	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
bis (2-Chloroisopropyl) ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Bis(2-ethylhexyl) phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Butyl benzyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Chrysene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Diethyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Dimethyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Di-n-butyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Di-n-octyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Fluorene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Hexachloro-1,3-butadiene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Hexachlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Hexachlorocyclopentadiene	ND		1.5		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Hexachloroethane	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Isophorone	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Naphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Nitrobenzene	ND		2.0		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
N-Nitrosodimethylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
N-Nitrosodi-n-propylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
N-Nitrosodiphenylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Pentachlorophenol	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Phenanthrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Phenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1
Pyridine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 22:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 134*	*04/16/22 09:52*	*04/19/22 22:46*	*1*
2-Fluorobiphenyl (Surr)	*60*		*14 - 142*	*04/16/22 09:52*	*04/19/22 22:46*	*1*
2-Fluorophenol (Surr)	*63*		*10 - 123*	*04/16/22 09:52*	*04/19/22 22:46*	*1*
Nitrobenzene-d5 (Surr)	*56*		*10 - 129*	*04/16/22 09:52*	*04/19/22 22:46*	*1*
p-Terphenyl-d14 (Surr)	*69*		*31 - 139*	*04/16/22 09:52*	*04/19/22 22:46*	*1*
Phenol-d6 (Surr)	*60*		*10 - 120*	*04/16/22 09:52*	*04/19/22 22:46*	*1*

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
1,2-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
1,3-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
1,4-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
1-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,4,5-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,4,6-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,4-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,4-Dimethylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,4-Dinitrophenol	ND		2.0		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,4-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,6-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2,6-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2-Chloronaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2-Methylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
2-Nitrophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
3,3'-Dichlorobenzidine	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
3 & 4 Methylphenol	ND		1.0		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
3-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4,6-Dinitro-2-methylphenol	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4-Bromophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4-Chloro-3-methylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4-Chloroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4-Chlorophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
4-Nitrophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Acenaphthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Acenaphthylene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Aniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Azobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzidine	ND		5.0		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzo[a]anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzo[a]pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzoic acid	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Benzyl alcohol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Bis(2-chloroethoxy)methane	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Bis(2-chloroethyl)ether	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
bis (2-Chloroisopropyl) ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Bis(2-ethylhexyl) phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Butyl benzyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Chrysene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Dibenzofuran	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Diethyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Dimethyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Di-n-butyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Di-n-octyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Fluorene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Hexachloro-1,3-butadiene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Hexachlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Hexachlorocyclopentadiene	ND		1.5		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Hexachloroethane	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Isophorone	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Naphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		2.0		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
N-Nitrosodimethylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
N-Nitrosodi-n-propylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
N-Nitrosodiphenylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Pentachlorophenol	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Phenanthrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Phenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1
Pyridine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 134*	*04/16/22 09:52*	*04/19/22 23:05*	*1*
2-Fluorobiphenyl (Surr)	*73*		*14 - 142*	*04/16/22 09:52*	*04/19/22 23:05*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*04/16/22 09:52*	*04/19/22 23:05*	*1*
Nitrobenzene-d5 (Surr)	*66*		*10 - 129*	*04/16/22 09:52*	*04/19/22 23:05*	*1*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*	*04/16/22 09:52*	*04/19/22 23:05*	*1*
Phenol-d6 (Surr)	*76*		*10 - 120*	*04/16/22 09:52*	*04/19/22 23:05*	*1*

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
1,2-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
1,3-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
1,4-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
1-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,4,5-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,4,6-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,4-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,4-Dimethylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,4-Dinitrophenol	ND		2.0		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,4-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,6-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2,6-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2-Chloronaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2-Chlorophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2-Methylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
2-Nitrophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
3,3'-Dichlorobenzidine	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
3 & 4 Methylphenol	ND		1.0		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
3-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
4,6-Dinitro-2-methylphenol	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
4-Bromophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
4-Chloro-3-methylphenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
4-Chloroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
4-Chlorophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
4-Nitroaniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Acenaphthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Acenaphthylene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Aniline	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Azobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzidine	ND		5.0		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzo[a]anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzo[a]pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzoic acid	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Benzyl alcohol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Bis(2-chloroethoxy)methane	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Bis(2-chloroethyl)ether	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
bis (2-Chloroisopropyl) ether	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Bis(2-ethylhexyl) phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Butyl benzyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Chrysene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Dibenzofuran	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Diethyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Dimethyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Di-n-butyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Di-n-octyl phthalate	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Fluoranthene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Fluorene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Hexachloro-1,3-butadiene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Hexachlorobenzene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Hexachlorocyclopentadiene	ND		1.5		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Hexachloroethane	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Isophorone	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Naphthalene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Nitrobenzene	ND		2.0		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
N-Nitrosodimethylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
N-Nitrosodi-n-propylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
N-Nitrosodiphenylamine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Pentachlorophenol	ND		2.5		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Phenanthrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Phenol	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Pyrene	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1
Pyridine	ND		0.50		mg/Kg		04/16/22 09:52	04/19/22 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*10 - 134*	*04/16/22 09:52*	*04/19/22 23:23*	*1*
2-Fluorobiphenyl (Surr)	*64*		*14 - 142*	*04/16/22 09:52*	*04/19/22 23:23*	*1*
2-Fluorophenol (Surr)	*70*		*10 - 123*	*04/16/22 09:52*	*04/19/22 23:23*	*1*
Nitrobenzene-d5 (Surr)	*59*		*10 - 129*	*04/16/22 09:52*	*04/19/22 23:23*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-3
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*75*		*31 - 139*	*04/16/22 09:52*	*04/19/22 23:23*	*1*
Phenol-d6 (Surr)	*68*		*10 - 120*	*04/16/22 09:52*	*04/19/22 23:23*	*1*

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
1,2-Dichlorobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
1,3-Dichlorobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
1,4-Dichlorobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
1-Methylnaphthalene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,4,5-Trichlorophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,4,6-Trichlorophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,4-Dichlorophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,4-Dimethylphenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,4-Dinitrophenol	ND		8.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,4-Dinitrotoluene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,6-Dichlorophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2,6-Dinitrotoluene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2-Chloronaphthalene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2-Chlorophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2-Methylnaphthalene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2-Methylphenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2-Nitroaniline	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
2-Nitrophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
3,3'-Dichlorobenzidine	ND		10		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
3 & 4 Methylphenol	ND		4.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
3-Nitroaniline	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4,6-Dinitro-2-methylphenol	ND	F1	10		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4-Bromophenyl phenyl ether	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4-Chloro-3-methylphenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4-Chloroaniline	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4-Chlorophenyl phenyl ether	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4-Nitroaniline	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
4-Nitrophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Acenaphthene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Acenaphthylene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Aniline	ND	F2	2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Anthracene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Azobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzidine	ND		20		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzo[a]anthracene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzo[a]pyrene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzo[b]fluoranthene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzo[g,h,i]perylene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzo[k]fluoranthene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzoic acid	ND		10		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Benzyl alcohol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Bis(2-chloroethyl)ether	ND		10		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
bis (2-Chloroisopropyl) ether	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Bis(2-ethylhexyl) phthalate	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Butyl benzyl phthalate	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Chrysene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Dibenz(a,h)anthracene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Dibenzofuran	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Diethyl phthalate	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Dimethyl phthalate	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Di-n-butyl phthalate	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Di-n-octyl phthalate	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Fluoranthene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Fluorene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Hexachloro-1,3-butadiene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Hexachlorobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Hexachlorocyclopentadiene	ND		6.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Hexachloroethane	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Indeno[1,2,3-cd]pyrene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Isophorone	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Naphthalene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Nitrobenzene	ND		8.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
N-Nitrosodimethylamine	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
N-Nitrosodi-n-propylamine	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
N-Nitrosodiphenylamine	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Pentachlorophenol	ND	F1	10		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Phenanthrene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Phenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Pyrene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2
Pyridine	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 16:17	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 134*	*04/19/22 11:27*	*04/21/22 16:17*	*2*
2-Fluorobiphenyl (Surr)	*72*		*14 - 142*	*04/19/22 11:27*	*04/21/22 16:17*	*2*
2-Fluorophenol (Surr)	*78*		*10 - 123*	*04/19/22 11:27*	*04/21/22 16:17*	*2*
Nitrobenzene-d5 (Surr)	*72*		*10 - 129*	*04/19/22 11:27*	*04/21/22 16:17*	*2*
p-Terphenyl-d14 (Surr)	*98*		*31 - 139*	*04/19/22 11:27*	*04/21/22 16:17*	*2*
Phenol-d6 (Surr)	*74*		*10 - 120*	*04/19/22 11:27*	*04/21/22 16:17*	*2*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Aldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Chlordane	ND		25		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Endrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 21:52	1
Toxaphene	ND		25		ug/Kg		04/15/22 12:54	04/19/22 21:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*77*		*38 - 148*	*04/15/22 12:54*	*04/19/22 21:52*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*37 - 151*	*04/15/22 12:54*	*04/19/22 21:52*	*1*

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Aldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Chlordane	ND		25		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Endrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:44	1
Toxaphene	ND		25		ug/Kg		04/15/22 12:54	04/19/22 09:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*38 - 148*	*04/15/22 12:54*	*04/19/22 09:44*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*04/15/22 12:54*	*04/19/22 09:44*	*1*

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Aldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Chlordane	ND		25		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Endrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 22:07	1
Toxaphene	ND		25		ug/Kg		04/15/22 12:54	04/19/22 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*74*		*38 - 148*	*04/15/22 12:54*	*04/19/22 22:07*	*1*
DCB Decachlorobiphenyl (Surr)	*72*		*37 - 151*	*04/15/22 12:54*	*04/19/22 22:07*	*1*

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
4,4'-DDE	**8.2**		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
4,4'-DDT	**28**		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Aldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		25		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Endrin	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 12:54	04/19/22 09:59	1
Toxaphene	**79**		25		ug/Kg		04/15/22 12:54	04/19/22 09:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*38 - 148*	*04/15/22 12:54*	*04/19/22 09:59*	*1*
DCB Decachlorobiphenyl (Surr)	*69*		*37 - 151*	*04/15/22 12:54*	*04/19/22 09:59*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1221	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1232	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1242	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1248	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1254	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1260	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1262	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1
Aroclor-1268	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*25 - 126*	*04/15/22 12:54*	*04/18/22 18:49*	*1*
DCB Decachlorobiphenyl (Surr)	*56*		*20 - 155*	*04/15/22 12:54*	*04/18/22 18:49*	*1*

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1221	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1232	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1242	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1248	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1254	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1260	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1262	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1
Aroclor-1268	ND		50		ug/Kg		04/15/22 12:54	04/18/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*25 - 126*	*04/15/22 12:54*	*04/18/22 17:52*	*1*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 155*	*04/15/22 12:54*	*04/18/22 17:52*	*1*

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1221	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1232	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1242	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1248	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1254	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1260	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1262	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1
Aroclor-1268	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*75*		*25 - 126*	*04/15/22 12:54*	*04/18/22 18:11*	*1*
DCB Decachlorobiphenyl (Surr)	*60*		*20 - 155*	*04/15/22 12:54*	*04/18/22 18:11*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1221	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1232	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1242	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1248	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1254	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1260	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1262	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1
Aroclor-1268	ND		50		ug/Kg		04/15/22 12:54	04/18/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*25 - 126*	*04/15/22 12:54*	*04/18/22 18:30*	*1*
DCB Decachlorobiphenyl (Surr)	*54*		*20 - 155*	*04/15/22 12:54*	*04/18/22 18:30*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.95		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Arsenic	**91.7**		2.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Barium	**125**		2.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Beryllium	**0.659**		0.498		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Cadmium	**3.94**		0.498		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Chromium	**30.0**		0.995		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Cobalt	**12.3**		0.995		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Copper	**36.0**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Lead	**8.86**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Molybdenum	ND		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Nickel	**24.2**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Selenium	ND		2.99		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Silver	ND		1.49		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Thallium	ND		9.95		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Vanadium	**58.2**		0.995		mg/Kg		04/15/22 11:38	04/18/22 13:23	5
Zinc	**97.1**		4.98		mg/Kg		04/15/22 11:38	04/18/22 13:23	5

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.95		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Arsenic	**28.2**		2.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Barium	**163**		2.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Beryllium	**0.759**		0.498		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Cadmium	**6.14**		0.498		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Chromium	**29.1**		0.995		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Cobalt	**13.1**		0.995		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Copper	**37.8**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Lead	**13.2**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Molybdenum	**2.00**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Nickel	**27.2**		1.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Selenium	ND		2.99		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Silver	ND		1.49		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Thallium	ND		9.95		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Vanadium	**62.4**		0.995		mg/Kg		04/15/22 11:38	04/18/22 13:31	5
Zinc	**138**		4.98		mg/Kg		04/15/22 11:38	04/18/22 13:31	5

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.85		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Arsenic	**26.5**		2.96		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Barium	**131**		2.96		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Beryllium	**0.800**		0.493		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Cadmium	**5.92**		0.493		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Chromium	**32.0**		0.985		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Cobalt	**12.8**		0.985		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Copper	**35.8**		1.97		mg/Kg		04/15/22 11:38	04/18/22 13:34	5

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	**16.3**		1.97		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Molybdenum	ND		1.97		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Nickel	**30.8**		1.97		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Selenium	ND		2.96		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Silver	ND		1.48		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Thallium	ND		9.85		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Vanadium	**65.5**		0.985		mg/Kg		04/15/22 11:38	04/18/22 13:34	5
Zinc	**130**		4.93		mg/Kg		04/15/22 11:38	04/18/22 13:34	5

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		9.90		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Arsenic	ND		2.97		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Barium	**193**		2.97		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Beryllium	ND		0.495		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Cadmium	**0.978**		0.495		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Chromium	**14.9**		0.990		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Cobalt	**6.11**		0.990		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Copper	**15.7**		1.98		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Lead	**7.17**		1.98		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Molybdenum	ND		1.98		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Nickel	**9.36**		1.98		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Selenium	ND		2.97		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Silver	ND		1.49		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Thallium	ND		9.90		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Vanadium	**42.7**		0.990		mg/Kg		04/15/22 11:38	04/18/22 13:36	5
Zinc	**93.6**		4.95		mg/Kg		04/15/22 11:38	04/18/22 13:36	5

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Method: 7471A - Mercury (CVAA)

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		04/15/22 13:56	04/15/22 17:48	1

Client Sample ID: SP-2-04142022
Date Collected: 04/14/22 11:55
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-2
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806		mg/Kg		04/15/22 13:56	04/15/22 17:50	1

Client Sample ID: SP-3-04142022
Date Collected: 04/14/22 12:10
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862		mg/Kg		04/15/22 13:56	04/15/22 17:52	1

Client Sample ID: SP-4-04142022
Date Collected: 04/14/22 12:25
Date Received: 04/14/22 14:19
Lab Sample ID: 570-92505-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.955**		0.0833		mg/Kg		04/15/22 13:56	04/15/22 17:53	1

Surrogate Summary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-1

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	(80-142)	(80-120)	(80-123)	(80-120)
570-92505-1	SP-1-04142022	105	98	104	95
570-92505-2	SP-2-04142022	104	96	105	94
570-92505-3	SP-3-04142022	105	96	104	93
570-92505-4	SP-4-04142022	105	90	104	92
LCS 570-227897/3	Lab Control Sample	88	95	94	94
LCSD 570-227897/4	Lab Control Sample Dup	89	95	92	95
MB 570-227897/6	Method Blank	88	95	96	93

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	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(10-134)	(14-142)	(10-123)	(10-129)	(31-139)	(10-120)
570-92150-F-1-Q MS	Matrix Spike	69	62	67	55	77	66
570-92150-F-1-R MSD	Matrix Spike Duplicate	64	57	63	51	68	62
570-92505-1	SP-1-04142022	62	60	63	56	69	60
570-92505-2	SP-2-04142022	78	73	79	66	86	76
570-92505-3	SP-3-04142022	68	64	70	59	75	68
570-92505-4	SP-4-04142022	91	72	78	72	98	74
570-92505-4 MS	SP-4-04142022	74	58	59	53	72	58
570-92505-4 MSD	SP-4-04142022	83	65	70	63	87	68
LCS 570-227191/2-A	Lab Control Sample	69	64	69	57	74	67
LCS 570-227671/2-A	Lab Control Sample	81	78	82	67	88	77
LCSD 570-227191/3-A	Lab Control Sample Dup	70	66	73	57	79	71
LCSD 570-227671/3-A	Lab Control Sample Dup	80	78	77	65	86	76
MB 570-227191/1-A	Method Blank	73	79	79	75	90	79
MB 570-227671/1-A	Method Blank	70	74	77	70	78	73

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-92441-A-1-D MS	Matrix Spike	62	67
570-92441-A-1-E MSD	Matrix Spike Duplicate	63	68

Surrogate Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-92505-1	SP-1-04142022	77	76
570-92505-2	SP-2-04142022	76	83
570-92505-3	SP-3-04142022	74	72
570-92505-4	SP-4-04142022	66	69
LCS 570-227052/2-A	Lab Control Sample	99	98
LCSD 570-227052/3-A	Lab Control Sample Dup	103	100
MB 570-227052/1-A	Method Blank	82	82

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(25-126)	(20-155)
570-92441-A-1-F MS	Matrix Spike	69	58
570-92441-A-1-G MSD	Matrix Spike Duplicate	69	57
570-92505-1	SP-1-04142022	72	56
570-92505-2	SP-2-04142022	83	63
570-92505-3	SP-3-04142022	75	60
570-92505-4	SP-4-04142022	72	54
LCS 570-227052/6-A	Lab Control Sample	77	63
LCSD 570-227052/7-A	Lab Control Sample Dup	72	55
MB 570-227052/1-A	Method Blank	80	61

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

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

Lab Sample ID: MB 570-227897/6
Matrix: Solid
Analysis Batch: 227897

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		ug/Kg			04/20/22 07:46	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			04/20/22 07:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			04/20/22 07:46	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,1-Dichloroethane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,1-Dichloroethene	ND		1.0		ug/Kg			04/20/22 07:46	1
1,1-Dichloropropene	ND		2.0		ug/Kg			04/20/22 07:46	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			04/20/22 07:46	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			04/20/22 07:46	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			04/20/22 07:46	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			04/20/22 07:46	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			04/20/22 07:46	1
1,2-Dibromoethane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
1,2-Dichloroethane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,2-Dichloropropane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			04/20/22 07:46	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
1,3-Dichloropropane	ND		1.0		ug/Kg			04/20/22 07:46	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
2,2-Dichloropropane	ND		5.0		ug/Kg			04/20/22 07:46	1
2-Butanone	ND		20		ug/Kg			04/20/22 07:46	1
2-Chlorotoluene	ND		1.0		ug/Kg			04/20/22 07:46	1
2-Hexanone	ND		20		ug/Kg			04/20/22 07:46	1
4-Chlorotoluene	ND		1.0		ug/Kg			04/20/22 07:46	1
4-Methyl-2-pentanone	ND		20		ug/Kg			04/20/22 07:46	1
Acetone	ND		20		ug/Kg			04/20/22 07:46	1
Benzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Bromobenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Bromochloromethane	ND		2.0		ug/Kg			04/20/22 07:46	1
Bromodichloromethane	ND		1.0		ug/Kg			04/20/22 07:46	1
Bromoform	ND		5.0		ug/Kg			04/20/22 07:46	1
Bromomethane	ND		20		ug/Kg			04/20/22 07:46	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			04/20/22 07:46	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			04/20/22 07:46	1
Carbon disulfide	ND		10		ug/Kg			04/20/22 07:46	1
Carbon tetrachloride	ND		1.0		ug/Kg			04/20/22 07:46	1
Chlorobenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Chloroethane	ND		2.0		ug/Kg			04/20/22 07:46	1
Chloroform	ND		1.0		ug/Kg			04/20/22 07:46	1
Chloromethane	ND		20		ug/Kg			04/20/22 07:46	1
Dibromochloromethane	ND		2.0		ug/Kg			04/20/22 07:46	1
Dibromomethane	ND		1.0		ug/Kg			04/20/22 07:46	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			04/20/22 07:46	1
Ethylbenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Isopropylbenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Methylene Chloride	ND		10		ug/Kg			04/20/22 07:46	1

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

Lab Sample ID: MB 570-227897/6
Matrix: Solid
Analysis Batch: 227897

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			04/20/22 07:46	1
Naphthalene	ND		10		ug/Kg			04/20/22 07:46	1
n-Butylbenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
N-Propylbenzene	ND		2.0		ug/Kg			04/20/22 07:46	1
o-Xylene	ND		1.0		ug/Kg			04/20/22 07:46	1
m,p-Xylene	ND		2.0		ug/Kg			04/20/22 07:46	1
p-Isopropyltoluene	ND		1.0		ug/Kg			04/20/22 07:46	1
sec-Butylbenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Styrene	ND		1.0		ug/Kg			04/20/22 07:46	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			04/20/22 07:46	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			04/20/22 07:46	1
tert-Butylbenzene	ND		1.0		ug/Kg			04/20/22 07:46	1
Tetrachloroethene	ND		1.0		ug/Kg			04/20/22 07:46	1
Toluene	ND		1.0		ug/Kg			04/20/22 07:46	1
Trichloroethene	ND		2.0		ug/Kg			04/20/22 07:46	1
Trichlorofluoromethane	ND		10		ug/Kg			04/20/22 07:46	1
Vinyl acetate	ND		10		ug/Kg			04/20/22 07:46	1
Vinyl chloride	ND		1.0		ug/Kg			04/20/22 07:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*80 - 142*		*04/20/22 07:46*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*04/20/22 07:46*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 123*		*04/20/22 07:46*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*04/20/22 07:46*	*1*

Lab Sample ID: LCS 570-227897/3
Matrix: Solid
Analysis Batch: 227897

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	59.63		ug/Kg		119	80 - 123
1,1,1-Trichloroethane	50.0	48.38		ug/Kg		97	80 - 121
1,1,2,2-Tetrachloroethane	50.0	52.87		ug/Kg		106	80 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	46.59		ug/Kg		93	79 - 120
1,1,2-Trichloroethane	50.0	58.33		ug/Kg		117	80 - 121
1,1-Dichloroethane	50.0	47.25		ug/Kg		94	80 - 120
1,1-Dichloroethene	50.0	45.05		ug/Kg		90	70 - 120
1,1-Dichloropropene	50.0	50.15		ug/Kg		100	77 - 123
1,2,3-Trichlorobenzene	50.0	55.49		ug/Kg		111	80 - 128
1,2,3-Trichloropropane	50.0	54.06		ug/Kg		108	80 - 120
1,2,4-Trichlorobenzene	50.0	55.37		ug/Kg		111	80 - 127
1,2,4-Trimethylbenzene	50.0	52.09		ug/Kg		104	80 - 120
1,2-Dibromo-3-Chloropropane	50.0	46.85		ug/Kg		94	59 - 120
1,2-Dibromoethane	50.0	53.67		ug/Kg		107	80 - 120
1,2-Dichlorobenzene	50.0	53.17		ug/Kg		106	80 - 120
1,2-Dichloroethane	50.0	44.92		ug/Kg		90	80 - 120
1,2-Dichloropropane	50.0	53.91		ug/Kg		108	78 - 126
1,3,5-Trimethylbenzene	50.0	50.97		ug/Kg		102	80 - 120

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

Lab Sample ID: LCS 570-227897/3
Matrix: Solid
Analysis Batch: 227897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3-Dichlorobenzene	50.0	52.58		ug/Kg		105	80 - 120
1,3-Dichloropropane	50.0	55.75		ug/Kg		111	80 - 120
1,4-Dichlorobenzene	50.0	53.34		ug/Kg		107	80 - 120
2,2-Dichloropropane	50.0	55.56		ug/Kg		111	71 - 126
2-Butanone	50.0	41.73		ug/Kg		83	59 - 136
2-Chlorotoluene	50.0	49.99		ug/Kg		100	80 - 120
2-Hexanone	50.0	44.53		ug/Kg		89	45 - 137
4-Chlorotoluene	50.0	49.95		ug/Kg		100	80 - 120
4-Methyl-2-pentanone	50.0	47.37		ug/Kg		95	58 - 132
Acetone	50.0	37.91		ug/Kg		76	49 - 138
Benzene	50.0	51.68		ug/Kg		103	80 - 120
Bromobenzene	50.0	54.07		ug/Kg		108	80 - 120
Bromochloromethane	50.0	48.01		ug/Kg		96	80 - 122
Bromodichloromethane	50.0	51.23		ug/Kg		102	80 - 127
Bromoform	50.0	57.97		ug/Kg		116	73 - 125
Bromomethane	50.0	46.43		ug/Kg		93	53 - 180
cis-1,2-Dichloroethene	50.0	49.01		ug/Kg		98	80 - 121
cis-1,3-Dichloropropene	50.0	51.31		ug/Kg		103	80 - 122
Carbon disulfide	50.0	45.82		ug/Kg		92	76 - 120
Carbon tetrachloride	50.0	51.58		ug/Kg		103	80 - 125
Chlorobenzene	50.0	55.14		ug/Kg		110	80 - 120
Chloroethane	50.0	44.25		ug/Kg		89	74 - 132
Chloroform	50.0	47.09		ug/Kg		94	75 - 128
Chloromethane	50.0	40.00		ug/Kg		80	40 - 135
Dibromochloromethane	50.0	56.09		ug/Kg		112	80 - 123
Dibromomethane	50.0	48.94		ug/Kg		98	80 - 121
Dichlorodifluoromethane	50.0	41.17		ug/Kg		82	40 - 126
Ethylbenzene	50.0	51.02		ug/Kg		102	80 - 120
Isopropylbenzene	50.0	51.31		ug/Kg		103	80 - 120
Methylene Chloride	50.0	44.44		ug/Kg		89	76 - 121
Methyl-t-Butyl Ether (MTBE)	50.0	49.80		ug/Kg		100	73 - 137
Naphthalene	50.0	48.04		ug/Kg		96	73 - 122
n-Butylbenzene	50.0	50.33		ug/Kg		101	76 - 120
N-Propylbenzene	50.0	51.00		ug/Kg		102	80 - 120
o-Xylene	50.0	49.09		ug/Kg		98	80 - 120
m,p-Xylene	100	97.44		ug/Kg		97	80 - 120
p-Isopropyltoluene	50.0	51.20		ug/Kg		102	80 - 120
sec-Butylbenzene	50.0	51.94		ug/Kg		104	75 - 120
Styrene	50.0	51.46		ug/Kg		103	80 - 120
trans-1,2-Dichloroethene	50.0	47.31		ug/Kg		95	79 - 120
trans-1,3-Dichloropropene	50.0	57.84		ug/Kg		116	80 - 125
tert-Butylbenzene	50.0	51.59		ug/Kg		103	73 - 120
Tetrachloroethene	50.0	57.59		ug/Kg		115	69 - 124
Toluene	50.0	49.73		ug/Kg		99	80 - 120
Trichloroethene	50.0	53.98		ug/Kg		108	80 - 120
Trichlorofluoromethane	50.0	45.97		ug/Kg		92	52 - 161
Vinyl acetate	50.0	56.48		ug/Kg		113	71 - 133
Vinyl chloride	50.0	48.13		ug/Kg		96	77 - 138

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

Lab Sample ID: LCS 570-227897/3
Matrix: Solid
Analysis Batch: 227897

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*80 - 142*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: LCSD 570-227897/4
Matrix: Solid
Analysis Batch: 227897

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	58.83		ug/Kg		118	80 - 123	1	20
1,1,1-Trichloroethane			50.0	46.66		ug/Kg		93	80 - 121	4	20
1,1,2,2-Tetrachloroethane			50.0	51.44		ug/Kg		103	80 - 120	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane			50.0	44.60		ug/Kg		89	79 - 120	4	20
1,1,2-Trichloroethane			50.0	56.42		ug/Kg		113	80 - 121	3	20
1,1-Dichloroethane			50.0	45.91		ug/Kg		92	80 - 120	3	20
1,1-Dichloroethene			50.0	42.90		ug/Kg		86	70 - 120	5	20
1,1-Dichloropropene			50.0	49.24		ug/Kg		98	77 - 123	2	20
1,2,3-Trichlorobenzene			50.0	54.25		ug/Kg		108	80 - 128	2	20
1,2,3-Trichloropropane			50.0	53.64		ug/Kg		107	80 - 120	1	20
1,2,4-Trichlorobenzene			50.0	53.71		ug/Kg		107	80 - 127	3	20
1,2,4-Trimethylbenzene			50.0	49.48		ug/Kg		99	80 - 120	5	20
1,2-Dibromo-3-Chloropropane			50.0	47.69		ug/Kg		95	59 - 120	2	20
1,2-Dibromoethane			50.0	53.49		ug/Kg		107	80 - 120	0	20
1,2-Dichlorobenzene			50.0	50.82		ug/Kg		102	80 - 120	5	20
1,2-Dichloroethane			50.0	44.53		ug/Kg		89	80 - 120	1	20
1,2-Dichloropropane			50.0	52.96		ug/Kg		106	78 - 126	2	20
1,3,5-Trimethylbenzene			50.0	48.63		ug/Kg		97	80 - 120	5	20
1,3-Dichlorobenzene			50.0	50.42		ug/Kg		101	80 - 120	4	20
1,3-Dichloropropane			50.0	54.47		ug/Kg		109	80 - 120	2	20
1,4-Dichlorobenzene			50.0	50.95		ug/Kg		102	80 - 120	5	20
2,2-Dichloropropane			50.0	53.64		ug/Kg		107	71 - 126	4	20
2-Butanone			50.0	42.94		ug/Kg		86	59 - 136	3	20
2-Chlorotoluene			50.0	47.91		ug/Kg		96	80 - 120	4	20
2-Hexanone			50.0	46.63		ug/Kg		93	45 - 137	5	20
4-Chlorotoluene			50.0	47.94		ug/Kg		96	80 - 120	4	20
4-Methyl-2-pentanone			50.0	48.28		ug/Kg		97	58 - 132	2	20
Acetone			50.0	40.49		ug/Kg		81	49 - 138	7	24
Benzene			50.0	50.44		ug/Kg		101	80 - 120	2	20
Bromobenzene			50.0	53.19		ug/Kg		106	80 - 120	2	20
Bromochloromethane			50.0	47.91		ug/Kg		96	80 - 122	0	20
Bromodichloromethane			50.0	49.75		ug/Kg		100	80 - 127	3	20
Bromoform			50.0	57.35		ug/Kg		115	73 - 125	1	20
Bromomethane			50.0	47.07		ug/Kg		94	53 - 180	1	20
cis-1,2-Dichloroethene			50.0	47.84		ug/Kg		96	80 - 121	2	20
cis-1,3-Dichloropropene			50.0	50.45		ug/Kg		101	80 - 122	2	20
Carbon disulfide			50.0	43.47		ug/Kg		87	76 - 120	5	20
Carbon tetrachloride			50.0	49.98		ug/Kg		100	80 - 125	3	20

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

Lab Sample ID: LCSD 570-227897/4
Matrix: Solid
Analysis Batch: 227897

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
Chlorobenzene			50.0	54.77		ug/Kg		110	80 - 120	1	20
Chloroethane			50.0	44.21		ug/Kg		88	74 - 132	0	20
Chloroform			50.0	45.79		ug/Kg		92	75 - 128	3	20
Chloromethane			50.0	40.27		ug/Kg		81	40 - 135	1	20
Dibromochloromethane			50.0	55.41		ug/Kg		111	80 - 123	1	20
Dibromomethane			50.0	47.80		ug/Kg		96	80 - 121	2	20
Dichlorodifluoromethane			50.0	40.74		ug/Kg		81	40 - 126	1	20
Ethylbenzene			50.0	49.37		ug/Kg		99	80 - 120	3	20
Isopropylbenzene			50.0	49.89		ug/Kg		100	80 - 120	3	20
Methylene Chloride			50.0	43.62		ug/Kg		87	76 - 121	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	50.03		ug/Kg		100	73 - 137	0	20
Naphthalene			50.0	46.82		ug/Kg		94	73 - 122	3	20
n-Butylbenzene			50.0	48.07		ug/Kg		96	76 - 120	5	20
N-Propylbenzene			50.0	48.89		ug/Kg		98	80 - 120	4	20
o-Xylene			50.0	47.22		ug/Kg		94	80 - 120	4	20
m,p-Xylene			100	94.31		ug/Kg		94	80 - 120	3	20
p-Isopropyltoluene			50.0	48.83		ug/Kg		98	80 - 120	5	20
sec-Butylbenzene			50.0	49.84		ug/Kg		100	75 - 120	4	20
Styrene			50.0	49.75		ug/Kg		99	80 - 120	3	20
trans-1,2-Dichloroethene			50.0	45.71		ug/Kg		91	79 - 120	3	20
trans-1,3-Dichloropropene			50.0	57.45		ug/Kg		115	80 - 125	1	20
tert-Butylbenzene			50.0	49.22		ug/Kg		98	73 - 120	5	20
Tetrachloroethene			50.0	56.56		ug/Kg		113	69 - 124	2	20
Toluene			50.0	48.70		ug/Kg		97	80 - 120	2	20
Trichloroethene			50.0	52.90		ug/Kg		106	80 - 120	2	20
Trichlorofluoromethane			50.0	45.79		ug/Kg		92	52 - 161	0	20
Vinyl acetate			50.0	56.38		ug/Kg		113	71 - 133	0	20
Vinyl chloride			50.0	48.62		ug/Kg		97	77 - 138	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*80 - 142*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 123*
Toluene-d8 (Surr)	*95*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-227191/1-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
1,2-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
1,3-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
1,4-Dichlorobenzene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
1-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,4,5-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,4,6-Trichlorophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227191/1-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,4-Dimethylphenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,4-Dinitrophenol	ND		2.0		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,4-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,6-Dichlorophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2,6-Dinitrotoluene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2-Chloronaphthalene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2-Chlorophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2-Methylnaphthalene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2-Methylphenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2-Nitroaniline	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
2-Nitrophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
3,3'-Dichlorobenzidine	ND		2.5		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
3 & 4 Methylphenol	ND		1.0		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
3-Nitroaniline	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4,6-Dinitro-2-methylphenol	ND		2.5		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4-Bromophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4-Chloro-3-methylphenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4-Chloroaniline	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4-Chlorophenyl phenyl ether	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4-Nitroaniline	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
4-Nitrophenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Acenaphthene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Acenaphthylene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Aniline	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Anthracene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Azobenzene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzidine	ND		5.0		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzo[a]anthracene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzo[a]pyrene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzoic acid	ND		2.5		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Benzyl alcohol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Bis(2-chloroethoxy)methane	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Bis(2-chloroethyl)ether	ND		2.5		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
bis (2-Chloroisopropyl) ether	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Bis(2-ethylhexyl) phthalate	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Butyl benzyl phthalate	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Chrysene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Dibenzofuran	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Diethyl phthalate	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Dimethyl phthalate	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Di-n-butyl phthalate	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Di-n-octyl phthalate	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Fluoranthene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Fluorene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227191/1-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Hexachlorobenzene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Hexachlorocyclopentadiene	ND		1.5		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Hexachloroethane	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Isophorone	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Naphthalene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Nitrobenzene	ND		2.0		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
N-Nitrosodimethylamine	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
N-Nitrosodi-n-propylamine	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
N-Nitrosodiphenylamine	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Pentachlorophenol	ND		2.5		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Phenanthrene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Phenol	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Pyrene	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1
Pyridine	ND		0.50		mg/Kg		04/16/22 07:25	04/19/22 13:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*73*		*10 - 134*	*04/16/22 07:25*	*04/19/22 13:40*	*1*
2-Fluorobiphenyl (Surr)	*79*		*14 - 142*	*04/16/22 07:25*	*04/19/22 13:40*	*1*
2-Fluorophenol (Surr)	*79*		*10 - 123*	*04/16/22 07:25*	*04/19/22 13:40*	*1*
Nitrobenzene-d5 (Surr)	*75*		*10 - 129*	*04/16/22 07:25*	*04/19/22 13:40*	*1*
p-Terphenyl-d14 (Surr)	*90*		*31 - 139*	*04/16/22 07:25*	*04/19/22 13:40*	*1*
Phenol-d6 (Surr)	*79*		*10 - 120*	*04/16/22 07:25*	*04/19/22 13:40*	*1*

Lab Sample ID: LCS 570-227191/2-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	3.778		mg/Kg		76	59 - 120
1,2-Dichlorobenzene	5.00	4.435		mg/Kg		89	65 - 120
1,3-Dichlorobenzene	5.00	4.361		mg/Kg		87	63 - 120
1,4-Dichlorobenzene	5.00	4.271		mg/Kg		85	64 - 120
1-Methylnaphthalene	5.00	4.310		mg/Kg		86	64 - 120
2,4,5-Trichlorophenol	5.00	3.914		mg/Kg		78	67 - 120
2,4,6-Trichlorophenol	5.00	3.878		mg/Kg		78	66 - 120
2,4-Dichlorophenol	5.00	4.459		mg/Kg		89	61 - 120
2,4-Dimethylphenol	5.00	4.320		mg/Kg		86	63 - 120
2,4-Dinitrophenol	5.00	3.454		mg/Kg		69	20 - 140
2,4-Dinitrotoluene	5.00	4.782		mg/Kg		96	64 - 120
2,6-Dichlorophenol	5.00	4.162		mg/Kg		83	60 - 120
2,6-Dinitrotoluene	5.00	3.931		mg/Kg		79	68 - 120
2-Chloronaphthalene	5.00	4.014		mg/Kg		80	69 - 120
2-Chlorophenol	5.00	4.626		mg/Kg		93	65 - 121
2-Methylnaphthalene	5.00	4.001		mg/Kg		80	61 - 120
2-Methylphenol	5.00	4.635		mg/Kg		93	65 - 127
2-Nitroaniline	5.00	3.618		mg/Kg		72	67 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227191/2-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227191

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	5.00	4.243		mg/Kg		85	60 - 120
3,3'-Dichlorobenzidine	5.00	4.115		mg/Kg		82	53 - 120
3 & 4 Methylphenol	10.0	8.147		mg/Kg		81	47 - 120
3-Nitroaniline	5.00	3.973		mg/Kg		79	63 - 120
4,6-Dinitro-2-methylphenol	5.00	3.878		mg/Kg		78	55 - 120
4-Bromophenyl phenyl ether	5.00	4.440		mg/Kg		89	69 - 120
4-Chloro-3-methylphenol	5.00	4.326		mg/Kg		87	54 - 120
4-Chloroaniline	5.00	2.984		mg/Kg		60	41 - 120
4-Chlorophenyl phenyl ether	5.00	4.080		mg/Kg		82	71 - 120
4-Nitroaniline	5.00	4.422		mg/Kg		88	62 - 125
4-Nitrophenol	5.00	4.259		mg/Kg		85	52 - 121
Acenaphthene	5.00	4.404		mg/Kg		88	71 - 120
Acenaphthylene	5.00	4.660		mg/Kg		93	77 - 125
Aniline	5.00	3.300		mg/Kg		66	47 - 120
Anthracene	5.00	4.998		mg/Kg		100	76 - 120
Azobenzene	5.00	3.673		mg/Kg		73	59 - 120
Benzidine	5.00	2.940	J	mg/Kg		59	20 - 120
Benzo[a]anthracene	5.00	4.895		mg/Kg		98	74 - 126
Benzo[a]pyrene	5.00	5.196		mg/Kg		104	75 - 126
Benzo[b]fluoranthene	5.00	5.067		mg/Kg		101	71 - 120
Benzo[g,h,i]perylene	5.00	4.751		mg/Kg		95	73 - 122
Benzo[k]fluoranthene	5.00	4.328		mg/Kg		87	73 - 120
Benzoic acid	5.00	3.196		mg/Kg		64	20 - 120
Benzyl alcohol	5.00	3.794		mg/Kg		76	44 - 122
Bis(2-chloroethoxy)methane	5.00	3.551		mg/Kg		71	60 - 120
Bis(2-chloroethyl)ether	5.00	3.842		mg/Kg		77	62 - 120
bis (2-Chloroisopropyl) ether	5.00	4.149		mg/Kg		83	58 - 133
Bis(2-ethylhexyl) phthalate	5.00	4.666		mg/Kg		93	65 - 120
Butyl benzyl phthalate	5.00	4.373		mg/Kg		87	58 - 120
Chrysene	5.00	4.402		mg/Kg		88	72 - 120
Dibenz(a,h)anthracene	5.00	4.848		mg/Kg		97	72 - 120
Dibenzofuran	5.00	3.902		mg/Kg		78	65 - 120
Diethyl phthalate	5.00	4.322		mg/Kg		86	61 - 120
Dimethyl phthalate	5.00	4.206		mg/Kg		84	58 - 120
Di-n-butyl phthalate	5.00	4.853		mg/Kg		97	64 - 120
Di-n-octyl phthalate	5.00	5.433		mg/Kg		109	66 - 120
Fluoranthene	5.00	4.692		mg/Kg		94	74 - 120
Fluorene	5.00	4.579		mg/Kg		92	72 - 120
Hexachloro-1,3-butadiene	5.00	3.134		mg/Kg		63	58 - 120
Hexachlorobenzene	5.00	4.446		mg/Kg		89	72 - 120
Hexachlorocyclopentadiene	5.00	4.650		mg/Kg		93	41 - 167
Hexachloroethane	5.00	3.984		mg/Kg		80	64 - 120
Indeno[1,2,3-cd]pyrene	5.00	4.617		mg/Kg		92	69 - 120
Isophorone	5.00	3.824		mg/Kg		76	55 - 120
Naphthalene	5.00	4.244		mg/Kg		85	60 - 120
Nitrobenzene	5.00	3.443		mg/Kg		69	54 - 120
N-Nitrosodimethylamine	5.00	4.003		mg/Kg		80	56 - 120
N-Nitrosodi-n-propylamine	5.00	3.803		mg/Kg		76	61 - 123
N-Nitrosodiphenylamine	5.00	5.097		mg/Kg		102	80 - 132

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227191/2-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Pentachlorophenol			5.00	3.409		mg/Kg		68	27 - 120		
Phenanthrene			5.00	4.446		mg/Kg		89	73 - 120		
Phenol			5.00	4.315		mg/Kg		86	61 - 127		
Pyrene			5.00	4.825		mg/Kg		96	70 - 124		
Pyridine			5.00	2.563		mg/Kg		51	35 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 134*
2-Fluorobiphenyl (Surr)	*64*		*14 - 142*
2-Fluorophenol (Surr)	*69*		*10 - 123*
Nitrobenzene-d5 (Surr)	*57*		*10 - 129*
p-Terphenyl-d14 (Surr)	*74*		*31 - 139*
Phenol-d6 (Surr)	*67*		*10 - 120*

Lab Sample ID: LCSD 570-227191/3-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	3.891		mg/Kg		78	59 - 120	3	20
1,2-Dichlorobenzene			5.00	4.747		mg/Kg		95	65 - 120	7	20
1,3-Dichlorobenzene			5.00	4.618		mg/Kg		92	63 - 120	6	20
1,4-Dichlorobenzene			5.00	4.470		mg/Kg		89	64 - 120	5	20
1-Methylnaphthalene			5.00	4.424		mg/Kg		88	64 - 120	3	20
2,4,5-Trichlorophenol			5.00	4.264		mg/Kg		85	67 - 120	9	20
2,4,6-Trichlorophenol			5.00	4.099		mg/Kg		82	66 - 120	6	20
2,4-Dichlorophenol			5.00	4.509		mg/Kg		90	61 - 120	1	20
2,4-Dimethylphenol			5.00	4.395		mg/Kg		88	63 - 120	2	20
2,4-Dinitrophenol			5.00	3.709		mg/Kg		74	20 - 140	7	26
2,4-Dinitrotoluene			5.00	5.110		mg/Kg		102	64 - 120	7	20
2,6-Dichlorophenol			5.00	4.301		mg/Kg		86	60 - 120	3	20
2,6-Dinitrotoluene			5.00	4.260		mg/Kg		85	68 - 120	8	20
2-Chloronaphthalene			5.00	4.168		mg/Kg		83	69 - 120	4	20
2-Chlorophenol			5.00	4.962		mg/Kg		99	65 - 121	7	20
2-Methylnaphthalene			5.00	4.125		mg/Kg		82	61 - 120	3	20
2-Methylphenol			5.00	4.858		mg/Kg		97	65 - 127	5	20
2-Nitroaniline			5.00	3.824		mg/Kg		76	67 - 120	6	20
2-Nitrophenol			5.00	4.226		mg/Kg		85	60 - 120	0	20
3,3'-Dichlorobenzidine			5.00	4.366		mg/Kg		87	53 - 120	6	20
3 & 4 Methylphenol			10.0	8.407		mg/Kg		84	47 - 120	3	20
3-Nitroaniline			5.00	4.256		mg/Kg		85	63 - 120	7	20
4,6-Dinitro-2-methylphenol			5.00	4.007		mg/Kg		80	55 - 120	3	20
4-Bromophenyl phenyl ether			5.00	4.540		mg/Kg		91	69 - 120	2	20
4-Chloro-3-methylphenol			5.00	4.430		mg/Kg		89	54 - 120	2	20
4-Chloroaniline			5.00	3.124		mg/Kg		62	41 - 120	5	22
4-Chlorophenyl phenyl ether			5.00	4.310		mg/Kg		86	71 - 120	5	20
4-Nitroaniline			5.00	4.765		mg/Kg		95	62 - 125	7	20
4-Nitrophenol			5.00	4.423		mg/Kg		88	52 - 121	4	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-227191/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227595
Prep Batch: 227191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene			5.00	4.595		mg/Kg		92	71 - 120	4	20
Acenaphthylene			5.00	5.009		mg/Kg		100	77 - 125	7	20
Aniline			5.00	3.548		mg/Kg		71	47 - 120	7	21
Anthracene			5.00	5.072		mg/Kg		101	76 - 120	1	20
Azobenzene			5.00	3.656		mg/Kg		73	59 - 120	0	20
Benzidine			5.00	2.906	J	mg/Kg		58	20 - 120	1	30
Benzo[a]anthracene			5.00	5.210		mg/Kg		104	74 - 126	6	20
Benzo[a]pyrene			5.00	5.541		mg/Kg		111	75 - 126	6	20
Benzo[b]fluoranthene			5.00	5.303		mg/Kg		106	71 - 120	5	20
Benzo[g,h,i]perylene			5.00	4.947		mg/Kg		99	73 - 122	4	20
Benzo[k]fluoranthene			5.00	4.719		mg/Kg		94	73 - 120	9	20
Benzoic acid			5.00	3.201		mg/Kg		64	20 - 120	0	30
Benzyl alcohol			5.00	4.050		mg/Kg		81	44 - 122	7	20
Bis(2-chloroethoxy)methane			5.00	3.716		mg/Kg		74	60 - 120	5	20
Bis(2-chloroethyl)ether			5.00	4.166		mg/Kg		83	62 - 120	8	20
bis (2-Chloroisopropyl) ether			5.00	4.544		mg/Kg		91	58 - 133	9	20
Bis(2-ethylhexyl) phthalate			5.00	5.064		mg/Kg		101	65 - 120	8	20
Butyl benzyl phthalate			5.00	4.601		mg/Kg		92	58 - 120	5	20
Chrysene			5.00	4.743		mg/Kg		95	72 - 120	7	20
Dibenz(a,h)anthracene			5.00	4.981		mg/Kg		100	72 - 120	3	20
Dibenzofuran			5.00	4.210		mg/Kg		84	65 - 120	8	20
Diethyl phthalate			5.00	4.587		mg/Kg		92	61 - 120	6	20
Dimethyl phthalate			5.00	4.470		mg/Kg		89	58 - 120	6	20
Di-n-butyl phthalate			5.00	4.927		mg/Kg		99	64 - 120	2	20
Di-n-octyl phthalate			5.00	5.806		mg/Kg		116	66 - 120	7	20
Fluoranthene			5.00	4.721		mg/Kg		94	74 - 120	1	20
Fluorene			5.00	4.859		mg/Kg		97	72 - 120	6	20
Hexachloro-1,3-butadiene			5.00	3.315		mg/Kg		66	58 - 120	6	20
Hexachlorobenzene			5.00	4.566		mg/Kg		91	72 - 120	3	20
Hexachlorocyclopentadiene			5.00	4.856		mg/Kg		97	41 - 167	4	21
Hexachloroethane			5.00	4.257		mg/Kg		85	64 - 120	7	20
Indeno[1,2,3-cd]pyrene			5.00	4.745		mg/Kg		95	69 - 120	3	20
Isophorone			5.00	3.910		mg/Kg		78	55 - 120	2	20
Naphthalene			5.00	4.429		mg/Kg		89	60 - 120	4	20
Nitrobenzene			5.00	3.413		mg/Kg		68	54 - 120	1	20
N-Nitrosodimethylamine			5.00	4.004		mg/Kg		80	56 - 120	0	20
N-Nitrosodi-n-propylamine			5.00	4.016		mg/Kg		80	61 - 123	5	20
N-Nitrosodiphenylamine			5.00	5.214		mg/Kg		104	80 - 132	2	20
Pentachlorophenol			5.00	3.412		mg/Kg		68	27 - 120	0	20
Phenanthrene			5.00	4.528		mg/Kg		91	73 - 120	2	20
Phenol			5.00	4.484		mg/Kg		90	61 - 127	4	20
Pyrene			5.00	5.101		mg/Kg		102	70 - 124	6	20
Pyridine			5.00	2.588		mg/Kg		52	35 - 120	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 134*
2-Fluorobiphenyl (Surr)	*66*		*14 - 142*
2-Fluorophenol (Surr)	*73*		*10 - 123*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-227191/3-A
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227191

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Nitrobenzene-d5 (Surr)	57		10 - 129
p-Terphenyl-d14 (Surr)	79		31 - 139
Phenol-d6 (Surr)	71		10 - 120

Lab Sample ID: 570-92150-F-1-Q MS
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		4.99	3.232		mg/Kg		65	50 - 125
1,2-Dichlorobenzene	ND		4.99	3.874		mg/Kg		78	42 - 125
1,3-Dichlorobenzene	ND		4.99	3.723		mg/Kg		75	40 - 125
1,4-Dichlorobenzene	ND		4.99	3.699		mg/Kg		74	45 - 125
1-Methylnaphthalene	ND		4.99	3.658		mg/Kg		73	54 - 125
2,4,5-Trichlorophenol	ND		4.99	3.347		mg/Kg		67	35 - 125
2,4,6-Trichlorophenol	ND		4.99	3.220		mg/Kg		65	33 - 126
2,4-Dichlorophenol	ND		4.99	3.522		mg/Kg		71	45 - 125
2,4-Dimethylphenol	ND		4.99	3.460		mg/Kg		69	44 - 125
2,4-Dinitrophenol	ND		4.99	2.780		mg/Kg		56	10 - 125
2,4-Dinitrotoluene	ND		4.99	3.979		mg/Kg		80	47 - 125
2,6-Dichlorophenol	ND		4.99	3.326		mg/Kg		67	38 - 125
2,6-Dinitrotoluene	ND		4.99	3.407		mg/Kg		68	41 - 125
2-Chloronaphthalene	ND		4.99	3.384		mg/Kg		68	47 - 125
2-Chlorophenol	ND		4.99	3.669		mg/Kg		74	49 - 125
2-Methylnaphthalene	ND		4.99	3.415		mg/Kg		68	42 - 125
2-Methylphenol	ND		4.99	3.801		mg/Kg		76	46 - 125
2-Nitroaniline	ND		4.99	3.211		mg/Kg		64	43 - 125
2-Nitrophenol	ND		4.99	3.283		mg/Kg		66	25 - 126
3,3'-Dichlorobenzidine	ND		4.99	3.878		mg/Kg		78	29 - 125
3 & 4 Methylphenol	ND		9.98	6.511		mg/Kg		65	26 - 125
3-Nitroaniline	ND		4.99	3.734		mg/Kg		75	39 - 125
4,6-Dinitro-2-methylphenol	ND		4.99	3.083		mg/Kg		62	10 - 125
4-Bromophenyl phenyl ether	ND		4.99	3.781		mg/Kg		76	47 - 125
4-Chloro-3-methylphenol	ND		4.99	3.544		mg/Kg		71	53 - 125
4-Chloroaniline	ND		4.99	2.984		mg/Kg		60	33 - 125
4-Chlorophenyl phenyl ether	ND		4.99	3.551		mg/Kg		71	49 - 125
4-Nitroaniline	ND		4.99	3.924		mg/Kg		79	35 - 125
4-Nitrophenol	ND		4.99	3.465		mg/Kg		69	22 - 134
Acenaphthene	ND		4.99	3.784		mg/Kg		76	51 - 125
Acenaphthylene	ND		4.99	3.995		mg/Kg		80	54 - 125
Aniline	ND		4.99	3.157		mg/Kg		63	24 - 125
Anthracene	ND		4.99	4.106		mg/Kg		82	50 - 125
Azobenzene	ND		4.99	3.078		mg/Kg		62	48 - 125
Benzidine	ND		4.99	ND		mg/Kg		52	10 - 126
Benzo[a]anthracene	ND		4.99	4.390		mg/Kg		88	62 - 125
Benzo[a]pyrene	ND		4.99	4.573		mg/Kg		92	55 - 131
Benzo[b]fluoranthene	ND		4.99	4.184		mg/Kg		84	49 - 128
Benzo[g,h,i]perylene	ND		4.99	3.969		mg/Kg		80	56 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92150-F-1-Q MS
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	ND		4.99	3.910		mg/Kg		78	48 - 125
Benzoic acid	ND		4.99	2.644		mg/Kg		53	10 - 125
Benzyl alcohol	ND		4.99	3.117		mg/Kg		62	47 - 125
Bis(2-chloroethoxy)methane	ND		4.99	3.068		mg/Kg		61	48 - 125
Bis(2-chloroethyl)ether	ND		4.99	3.402		mg/Kg		68	43 - 125
bis (2-Chloroisopropyl) ether	ND		4.99	3.661		mg/Kg		73	46 - 125
Bis(2-ethylhexyl) phthalate	ND		4.99	4.214		mg/Kg		84	50 - 125
Butyl benzyl phthalate	ND		4.99	3.960		mg/Kg		79	58 - 125
Chrysene	ND		4.99	3.885		mg/Kg		78	53 - 125
Dibenz(a,h)anthracene	ND		4.99	4.143		mg/Kg		83	57 - 125
Dibenzofuran	ND		4.99	3.353		mg/Kg		67	47 - 125
Diethyl phthalate	ND		4.99	3.636		mg/Kg		73	53 - 125
Dimethyl phthalate	ND		4.99	3.586		mg/Kg		72	52 - 125
Di-n-butyl phthalate	ND		4.99	4.137		mg/Kg		83	49 - 125
Di-n-octyl phthalate	ND		4.99	4.925		mg/Kg		99	57 - 125
Fluoranthene	ND		4.99	3.985		mg/Kg		80	50 - 125
Fluorene	ND		4.99	3.997		mg/Kg		80	54 - 125
Hexachloro-1,3-butadiene	ND		4.99	2.729		mg/Kg		55	43 - 125
Hexachlorobenzene	ND		4.99	4.010		mg/Kg		80	55 - 125
Hexachlorocyclopentadiene	ND		4.99	3.710		mg/Kg		74	10 - 150
Hexachloroethane	ND		4.99	3.424		mg/Kg		69	27 - 125
Indeno[1,2,3-cd]pyrene	ND		4.99	3.879		mg/Kg		78	55 - 125
Isophorone	ND		4.99	3.234		mg/Kg		65	50 - 125
Naphthalene	ND		4.99	3.624		mg/Kg		73	39 - 127
Nitrobenzene	ND		4.99	2.851		mg/Kg		57	43 - 125
N-Nitrosodimethylamine	ND		4.99	3.320		mg/Kg		67	36 - 125
N-Nitrosodi-n-propylamine	ND		4.99	3.384		mg/Kg		68	47 - 125
N-Nitrosodiphenylamine	ND		4.99	4.355		mg/Kg		87	57 - 134
Pentachlorophenol	ND		4.99	2.635		mg/Kg		53	10 - 125
Phenanthrene	ND		4.99	3.663		mg/Kg		73	51 - 125
Phenol	ND		4.99	3.424		mg/Kg		69	45 - 125
Pyrene	ND		4.99	4.345		mg/Kg		87	56 - 125
Pyridine	ND		4.99	2.228		mg/Kg		45	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*69*		*10 - 134*
2-Fluorobiphenyl (Surr)	*62*		*14 - 142*
2-Fluorophenol (Surr)	*67*		*10 - 123*
Nitrobenzene-d5 (Surr)	*55*		*10 - 129*
p-Terphenyl-d14 (Surr)	*77*		*31 - 139*
Phenol-d6 (Surr)	*66*		*10 - 120*

Lab Sample ID: 570-92150-F-1-R MSD
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227191

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	2.940		mg/Kg		59	50 - 125	9	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92150-F-1-R MSD
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2-Dichlorobenzene	ND		5.00	3.616		mg/Kg		72	42 - 125	7	20
1,3-Dichlorobenzene	ND		5.00	3.503		mg/Kg		70	40 - 125	6	21
1,4-Dichlorobenzene	ND		5.00	3.441		mg/Kg		69	45 - 125	7	24
1-Methylnaphthalene	ND		5.00	3.400		mg/Kg		68	54 - 125	7	20
2,4,5-Trichlorophenol	ND		5.00	3.082		mg/Kg		62	35 - 125	8	20
2,4,6-Trichlorophenol	ND		5.00	3.019		mg/Kg		60	33 - 126	6	20
2,4-Dichlorophenol	ND		5.00	3.294		mg/Kg		66	45 - 125	7	20
2,4-Dimethylphenol	ND		5.00	3.260		mg/Kg		65	44 - 125	6	20
2,4-Dinitrophenol	ND		5.00	2.442		mg/Kg		49	10 - 125	13	22
2,4-Dinitrotoluene	ND		5.00	3.600		mg/Kg		72	47 - 125	10	20
2,6-Dichlorophenol	ND		5.00	3.089		mg/Kg		62	38 - 125	7	20
2,6-Dinitrotoluene	ND		5.00	3.135		mg/Kg		63	41 - 125	8	20
2-Chloronaphthalene	ND		5.00	3.184		mg/Kg		64	47 - 125	6	20
2-Chlorophenol	ND		5.00	3.543		mg/Kg		71	49 - 125	4	20
2-Methylnaphthalene	ND		5.00	3.179		mg/Kg		64	42 - 125	7	20
2-Methylphenol	ND		5.00	3.456		mg/Kg		69	46 - 125	10	20
2-Nitroaniline	ND		5.00	2.925		mg/Kg		59	43 - 125	9	20
2-Nitrophenol	ND		5.00	3.059		mg/Kg		61	25 - 126	7	21
3,3'-Dichlorobenzidine	ND		5.00	3.594		mg/Kg		72	29 - 125	8	20
3 & 4 Methylphenol	ND		10.0	6.206		mg/Kg		62	26 - 125	5	20
3-Nitroaniline	ND		5.00	3.423		mg/Kg		68	39 - 125	9	20
4,6-Dinitro-2-methylphenol	ND		5.00	2.847		mg/Kg		57	10 - 125	8	24
4-Bromophenyl phenyl ether	ND		5.00	3.537		mg/Kg		71	47 - 125	7	20
4-Chloro-3-methylphenol	ND		5.00	3.252		mg/Kg		65	53 - 125	9	20
4-Chloroaniline	ND		5.00	2.737		mg/Kg		55	33 - 125	9	20
4-Chlorophenyl phenyl ether	ND		5.00	3.296		mg/Kg		66	49 - 125	7	20
4-Nitroaniline	ND		5.00	3.599		mg/Kg		72	35 - 125	9	20
4-Nitrophenol	ND		5.00	3.178		mg/Kg		64	22 - 134	9	21
Acenaphthene	ND		5.00	3.355		mg/Kg		67	51 - 125	12	20
Acenaphthylene	ND		5.00	3.690		mg/Kg		74	54 - 125	8	20
Aniline	ND		5.00	2.958		mg/Kg		59	24 - 125	7	20
Anthracene	ND		5.00	3.776		mg/Kg		76	50 - 125	8	20
Azobenzene	ND		5.00	2.898		mg/Kg		58	48 - 125	6	20
Benzidine	ND		5.00	ND		mg/Kg		47	10 - 126	11	30
Benzo[a]anthracene	ND		5.00	4.023		mg/Kg		81	62 - 125	9	20
Benzo[a]pyrene	ND		5.00	4.319		mg/Kg		86	55 - 131	6	20
Benzo[b]fluoranthene	ND		5.00	4.162		mg/Kg		83	49 - 128	1	20
Benzo[g,h,i]perylene	ND		5.00	3.725		mg/Kg		75	56 - 125	6	20
Benzo[k]fluoranthene	ND		5.00	3.522		mg/Kg		70	48 - 125	10	20
Benzoic acid	ND		5.00	ND		mg/Kg		47	10 - 125	11	35
Benzyl alcohol	ND		5.00	2.952		mg/Kg		59	47 - 125	5	20
Bis(2-chloroethoxy)methane	ND		5.00	2.863		mg/Kg		57	48 - 125	7	20
Bis(2-chloroethyl)ether	ND		5.00	3.221		mg/Kg		64	43 - 125	5	20
bis (2-Chloroisopropyl) ether	ND		5.00	3.495		mg/Kg		70	46 - 125	5	20
Bis(2-ethylhexyl) phthalate	ND		5.00	3.837		mg/Kg		77	50 - 125	9	20
Butyl benzyl phthalate	ND		5.00	3.564		mg/Kg		71	58 - 125	11	20
Chrysene	ND		5.00	3.632		mg/Kg		73	53 - 125	7	20
Dibenz(a,h)anthracene	ND		5.00	3.893		mg/Kg		78	57 - 125	6	20
Dibenzofuran	ND		5.00	3.063		mg/Kg		61	47 - 125	9	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92150-F-1-R MSD
Matrix: Solid
Analysis Batch: 227595

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diethyl phthalate	ND		5.00	3.396		mg/Kg		68	53 - 125	7	20
Dimethyl phthalate	ND		5.00	3.289		mg/Kg		66	52 - 125	9	20
Di-n-butyl phthalate	ND		5.00	3.824		mg/Kg		77	49 - 125	8	20
Di-n-octyl phthalate	ND		5.00	4.588		mg/Kg		92	57 - 125	7	20
Fluoranthene	ND		5.00	3.762		mg/Kg		75	50 - 125	6	20
Fluorene	ND		5.00	3.689		mg/Kg		74	54 - 125	8	20
Hexachloro-1,3-butadiene	ND		5.00	2.518		mg/Kg		50	43 - 125	8	20
Hexachlorobenzene	ND		5.00	3.670		mg/Kg		73	55 - 125	9	20
Hexachlorocyclopentadiene	ND		5.00	3.394		mg/Kg		68	10 - 150	9	33
Hexachloroethane	ND		5.00	3.289		mg/Kg		66	27 - 125	4	27
Indeno[1,2,3-cd]pyrene	ND		5.00	3.665		mg/Kg		73	55 - 125	6	20
Isophorone	ND		5.00	2.930		mg/Kg		59	50 - 125	10	20
Naphthalene	ND		5.00	3.383		mg/Kg		68	39 - 127	7	20
Nitrobenzene	ND		5.00	2.702		mg/Kg		54	43 - 125	5	20
N-Nitrosodimethylamine	ND		5.00	3.218		mg/Kg		64	36 - 125	3	26
N-Nitrosodi-n-propylamine	ND		5.00	3.209		mg/Kg		64	47 - 125	5	20
N-Nitrosodiphenylamine	ND		5.00	4.098		mg/Kg		82	57 - 134	6	20
Pentachlorophenol	ND		5.00	2.632		mg/Kg		53	10 - 125	0	20
Phenanthrene	ND		5.00	3.456		mg/Kg		69	51 - 125	6	20
Phenol	ND		5.00	3.276		mg/Kg		66	45 - 125	4	20
Pyrene	ND		5.00	3.925		mg/Kg		79	56 - 125	10	20
Pyridine	ND		5.00	2.160		mg/Kg		43	17 - 125	3	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*64*		*10 - 134*
2-Fluorobiphenyl (Surr)	*57*		*14 - 142*
2-Fluorophenol (Surr)	*63*		*10 - 123*
Nitrobenzene-d5 (Surr)	*51*		*10 - 129*
p-Terphenyl-d14 (Surr)	*68*		*31 - 139*
Phenol-d6 (Surr)	*62*		*10 - 120*

Lab Sample ID: MB 570-227671/1-A
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
1,2-Dichlorobenzene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
1,3-Dichlorobenzene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
1,4-Dichlorobenzene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
1-Methylnaphthalene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,4,5-Trichlorophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,4,6-Trichlorophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,4-Dichlorophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,4-Dimethylphenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,4-Dinitrophenol	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,4-Dinitrotoluene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2,6-Dichlorophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227671/1-A
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2-Chloronaphthalene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2-Chlorophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2-Methylnaphthalene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2-Methylphenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2-Nitroaniline	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
2-Nitrophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
3,3'-Dichlorobenzidine	ND		2.5		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
3 & 4 Methylphenol	ND		1.0		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
3-Nitroaniline	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4,6-Dinitro-2-methylphenol	ND		2.5		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4-Bromophenyl phenyl ether	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4-Chloro-3-methylphenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4-Chloroaniline	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4-Chlorophenyl phenyl ether	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4-Nitroaniline	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
4-Nitrophenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Acenaphthene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Acenaphthylene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Aniline	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Anthracene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Azobenzene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzidine	ND		5.0		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzo[a]anthracene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzo[a]pyrene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzoic acid	ND		2.5		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Benzyl alcohol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Bis(2-chloroethoxy)methane	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Bis(2-chloroethyl)ether	ND		2.5		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
bis (2-Chloroisopropyl) ether	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Bis(2-ethylhexyl) phthalate	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Butyl benzyl phthalate	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Chrysene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Dibenzofuran	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Diethyl phthalate	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Dimethyl phthalate	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Di-n-butyl phthalate	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Di-n-octyl phthalate	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Fluoranthene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Fluorene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Hexachloro-1,3-butadiene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Hexachlorobenzene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Hexachlorocyclopentadiene	ND		1.5		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Hexachloroethane	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-227671/1-A
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227671

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Naphthalene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Nitrobenzene	ND		2.0		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
N-Nitrosodimethylamine	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
N-Nitrosodi-n-propylamine	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
N-Nitrosodiphenylamine	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Pentachlorophenol	ND		2.5		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Phenanthrene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Phenol	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Pyrene	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1
Pyridine	ND		0.50		mg/Kg		04/19/22 11:27	04/21/22 13:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*10 - 134*	*04/19/22 11:27*	*04/21/22 13:15*	*1*
2-Fluorobiphenyl (Surr)	*74*		*14 - 142*	*04/19/22 11:27*	*04/21/22 13:15*	*1*
2-Fluorophenol (Surr)	*77*		*10 - 123*	*04/19/22 11:27*	*04/21/22 13:15*	*1*
Nitrobenzene-d5 (Surr)	*70*		*10 - 129*	*04/19/22 11:27*	*04/21/22 13:15*	*1*
p-Terphenyl-d14 (Surr)	*78*		*31 - 139*	*04/19/22 11:27*	*04/21/22 13:15*	*1*
Phenol-d6 (Surr)	*73*		*10 - 120*	*04/19/22 11:27*	*04/21/22 13:15*	*1*

Lab Sample ID: LCS 570-227671/2-A
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	5.00	3.797		mg/Kg		76	59 - 120
1,2-Dichlorobenzene	5.00	4.448		mg/Kg		89	65 - 120
1,3-Dichlorobenzene	5.00	4.272		mg/Kg		85	63 - 120
1,4-Dichlorobenzene	5.00	4.284		mg/Kg		86	64 - 120
1-Methylnaphthalene	5.00	4.246		mg/Kg		85	64 - 120
2,4,5-Trichlorophenol	5.00	3.749		mg/Kg		75	67 - 120
2,4,6-Trichlorophenol	5.00	3.697		mg/Kg		74	66 - 120
2,4-Dichlorophenol	5.00	4.031		mg/Kg		81	61 - 120
2,4-Dimethylphenol	5.00	3.936		mg/Kg		79	63 - 120
2,4-Dinitrophenol	5.00	3.740		mg/Kg		75	20 - 140
2,4-Dinitrotoluene	5.00	4.506		mg/Kg		90	64 - 120
2,6-Dichlorophenol	5.00	3.806		mg/Kg		76	60 - 120
2,6-Dinitrotoluene	5.00	3.867		mg/Kg		77	68 - 120
2-Chloronaphthalene	5.00	4.169		mg/Kg		83	69 - 120
2-Chlorophenol	5.00	4.222		mg/Kg		84	65 - 121
2-Methylnaphthalene	5.00	3.850		mg/Kg		77	61 - 120
2-Methylphenol	5.00	4.209		mg/Kg		84	65 - 127
2-Nitroaniline	5.00	3.597		mg/Kg		72	67 - 120
2-Nitrophenol	5.00	3.996		mg/Kg		80	60 - 120
3,3'-Dichlorobenzidine	5.00	4.166		mg/Kg		83	53 - 120
3 & 4 Methylphenol	10.0	7.169		mg/Kg		72	47 - 120
3-Nitroaniline	5.00	3.738		mg/Kg		75	63 - 120
4,6-Dinitro-2-methylphenol	5.00	3.813		mg/Kg		76	55 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-227671/2-A
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227671

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	5.00	4.418		mg/Kg		88	69 - 120
4-Chloro-3-methylphenol	5.00	3.821		mg/Kg		76	54 - 120
4-Chloroaniline	5.00	2.824		mg/Kg		56	41 - 120
4-Chlorophenyl phenyl ether	5.00	3.878		mg/Kg		78	71 - 120
4-Nitroaniline	5.00	4.186		mg/Kg		84	62 - 125
4-Nitrophenol	5.00	3.735		mg/Kg		75	52 - 121
Acenaphthene	5.00	4.393		mg/Kg		88	71 - 120
Acenaphthylene	5.00	4.660		mg/Kg		93	77 - 125
Aniline	5.00	3.057		mg/Kg		61	47 - 120
Anthracene	5.00	4.811		mg/Kg		96	76 - 120
Azobenzene	5.00	3.640		mg/Kg		73	59 - 120
Benzidine	5.00	2.407	J	mg/Kg		48	20 - 120
Benzo[a]anthracene	5.00	4.999		mg/Kg		100	74 - 126
Benzo[a]pyrene	5.00	5.509		mg/Kg		110	75 - 126
Benzo[b]fluoranthene	5.00	5.021		mg/Kg		100	71 - 120
Benzo[g,h,i]perylene	5.00	4.668		mg/Kg		93	73 - 122
Benzo[k]fluoranthene	5.00	4.701		mg/Kg		94	73 - 120
Benzoic acid	5.00	3.002		mg/Kg		60	20 - 120
Benzyl alcohol	5.00	3.562		mg/Kg		71	44 - 122
Bis(2-chloroethoxy)methane	5.00	3.615		mg/Kg		72	60 - 120
Bis(2-chloroethyl)ether	5.00	3.943		mg/Kg		79	62 - 120
bis (2-Chloroisopropyl) ether	5.00	4.167		mg/Kg		83	58 - 133
Bis(2-ethylhexyl) phthalate	5.00	4.948		mg/Kg		99	65 - 120
Butyl benzyl phthalate	5.00	4.544		mg/Kg		91	58 - 120
Chrysene	5.00	4.563		mg/Kg		91	72 - 120
Dibenz(a,h)anthracene	5.00	4.862		mg/Kg		97	72 - 120
Dibenzofuran	5.00	3.817		mg/Kg		76	65 - 120
Diethyl phthalate	5.00	4.136		mg/Kg		83	61 - 120
Dimethyl phthalate	5.00	4.072		mg/Kg		81	58 - 120
Di-n-butyl phthalate	5.00	4.803		mg/Kg		96	64 - 120
Di-n-octyl phthalate	5.00	5.743		mg/Kg		115	66 - 120
Fluoranthene	5.00	4.443		mg/Kg		89	74 - 120
Fluorene	5.00	4.343		mg/Kg		87	72 - 120
Hexachloro-1,3-butadiene	5.00	3.275		mg/Kg		65	58 - 120
Hexachlorobenzene	5.00	4.695		mg/Kg		94	72 - 120
Hexachlorocyclopentadiene	5.00	5.025		mg/Kg		101	41 - 167
Hexachloroethane	5.00	3.937		mg/Kg		79	64 - 120
Indeno[1,2,3-cd]pyrene	5.00	4.556		mg/Kg		91	69 - 120
Isophorone	5.00	3.810		mg/Kg		76	55 - 120
Naphthalene	5.00	4.279		mg/Kg		86	60 - 120
Nitrobenzene	5.00	3.407		mg/Kg		68	54 - 120
N-Nitrosodimethylamine	5.00	4.216		mg/Kg		84	56 - 120
N-Nitrosodi-n-propylamine	5.00	3.763		mg/Kg		75	61 - 123
N-Nitrosodiphenylamine	5.00	5.207		mg/Kg		104	80 - 132
Pentachlorophenol	5.00	3.266		mg/Kg		65	27 - 120
Phenanthrene	5.00	4.374		mg/Kg		87	73 - 120
Phenol	5.00	3.897		mg/Kg		78	61 - 127
Pyrene	5.00	4.996		mg/Kg		100	70 - 124
Pyridine	5.00	2.729		mg/Kg		55	35 - 120

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	81		10 - 134
2-Fluorobiphenyl (Surr)	78		14 - 142
2-Fluorophenol (Surr)	82		10 - 123
Nitrobenzene-d5 (Surr)	67		10 - 129
p-Terphenyl-d14 (Surr)	88		31 - 139
Phenol-d6 (Surr)	77		10 - 120

Lab Sample ID: LCSD 570-227671/3-A
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227671

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			5.00	3.795		mg/Kg		76	59 - 120	0	20
1,2-Dichlorobenzene			5.00	4.416		mg/Kg		88	65 - 120	1	20
1,3-Dichlorobenzene			5.00	4.222		mg/Kg		84	63 - 120	1	20
1,4-Dichlorobenzene			5.00	4.232		mg/Kg		85	64 - 120	1	20
1-Methylnaphthalene			5.00	4.249		mg/Kg		85	64 - 120	0	20
2,4,5-Trichlorophenol			5.00	3.822		mg/Kg		76	67 - 120	2	20
2,4,6-Trichlorophenol			5.00	3.772		mg/Kg		75	66 - 120	2	20
2,4-Dichlorophenol			5.00	4.058		mg/Kg		81	61 - 120	1	20
2,4-Dimethylphenol			5.00	3.903		mg/Kg		78	63 - 120	1	20
2,4-Dinitrophenol			5.00	3.732		mg/Kg		75	20 - 140	0	26
2,4-Dinitrotoluene			5.00	4.570		mg/Kg		91	64 - 120	1	20
2,6-Dichlorophenol			5.00	3.807		mg/Kg		76	60 - 120	0	20
2,6-Dinitrotoluene			5.00	3.870		mg/Kg		77	68 - 120	0	20
2-Chloronaphthalene			5.00	4.047		mg/Kg		81	69 - 120	3	20
2-Chlorophenol			5.00	4.170		mg/Kg		83	65 - 121	1	20
2-Methylnaphthalene			5.00	4.001		mg/Kg		80	61 - 120	4	20
2-Methylphenol			5.00	4.185		mg/Kg		84	65 - 127	1	20
2-Nitroaniline			5.00	3.591		mg/Kg		72	67 - 120	0	20
2-Nitrophenol			5.00	3.905		mg/Kg		78	60 - 120	2	20
3,3'-Dichlorobenzidine			5.00	4.049		mg/Kg		81	53 - 120	3	20
3 & 4 Methylphenol			10.0	7.173		mg/Kg		72	47 - 120	0	20
3-Nitroaniline			5.00	3.747		mg/Kg		75	63 - 120	0	20
4,6-Dinitro-2-methylphenol			5.00	3.713		mg/Kg		74	55 - 120	3	20
4-Bromophenyl phenyl ether			5.00	4.405		mg/Kg		88	69 - 120	0	20
4-Chloro-3-methylphenol			5.00	3.888		mg/Kg		78	54 - 120	2	20
4-Chloroaniline			5.00	2.739		mg/Kg		55	41 - 120	3	22
4-Chlorophenyl phenyl ether			5.00	4.001		mg/Kg		80	71 - 120	3	20
4-Nitroaniline			5.00	4.286		mg/Kg		86	62 - 125	2	20
4-Nitrophenol			5.00	3.664		mg/Kg		73	52 - 121	2	20
Acenaphthene			5.00	4.320		mg/Kg		86	71 - 120	2	20
Acenaphthylene			5.00	4.646		mg/Kg		93	77 - 125	0	20
Aniline			5.00	2.841		mg/Kg		57	47 - 120	7	21
Anthracene			5.00	4.671		mg/Kg		93	76 - 120	3	20
Azobenzene			5.00	3.627		mg/Kg		73	59 - 120	0	20
Benzidine			5.00	2.060	J	mg/Kg		41	20 - 120	16	30
Benzo[a]anthracene			5.00	4.977		mg/Kg		100	74 - 126	0	20
Benzo[a]pyrene			5.00	5.235		mg/Kg		105	75 - 126	5	20
Benzo[b]fluoranthene			5.00	5.013		mg/Kg		100	71 - 120	0	20
Benzo[g,h,i]perylene			5.00	4.725		mg/Kg		95	73 - 122	1	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-227671/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227982
Prep Batch: 227671

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[k]fluoranthene			5.00	4.579		mg/Kg		92	73 - 120	3	20
Benzoic acid			5.00	2.884		mg/Kg		58	20 - 120	4	30
Benzyl alcohol			5.00	3.537		mg/Kg		71	44 - 122	1	20
Bis(2-chloroethoxy)methane			5.00	3.575		mg/Kg		72	60 - 120	1	20
Bis(2-chloroethyl)ether			5.00	3.774		mg/Kg		75	62 - 120	4	20
bis (2-Chloroisopropyl) ether			5.00	4.116		mg/Kg		82	58 - 133	1	20
Bis(2-ethylhexyl) phthalate			5.00	4.870		mg/Kg		97	65 - 120	2	20
Butyl benzyl phthalate			5.00	4.438		mg/Kg		89	58 - 120	2	20
Chrysene			5.00	4.529		mg/Kg		91	72 - 120	1	20
Dibenz(a,h)anthracene			5.00	4.796		mg/Kg		96	72 - 120	1	20
Dibenzofuran			5.00	3.909		mg/Kg		78	65 - 120	2	20
Diethyl phthalate			5.00	4.242		mg/Kg		85	61 - 120	3	20
Dimethyl phthalate			5.00	4.026		mg/Kg		81	58 - 120	1	20
Di-n-butyl phthalate			5.00	4.689		mg/Kg		94	64 - 120	2	20
Di-n-octyl phthalate			5.00	5.579		mg/Kg		112	66 - 120	3	20
Fluoranthene			5.00	4.602		mg/Kg		92	74 - 120	4	20
Fluorene			5.00	4.443		mg/Kg		89	72 - 120	2	20
Hexachloro-1,3-butadiene			5.00	3.271		mg/Kg		65	58 - 120	0	20
Hexachlorobenzene			5.00	4.608		mg/Kg		92	72 - 120	2	20
Hexachlorocyclopentadiene			5.00	4.885		mg/Kg		98	41 - 167	3	21
Hexachloroethane			5.00	3.839		mg/Kg		77	64 - 120	3	20
Indeno[1,2,3-cd]pyrene			5.00	4.558		mg/Kg		91	69 - 120	0	20
Isophorone			5.00	3.777		mg/Kg		76	55 - 120	1	20
Naphthalene			5.00	4.182		mg/Kg		84	60 - 120	2	20
Nitrobenzene			5.00	3.397		mg/Kg		68	54 - 120	0	20
N-Nitrosodimethylamine			5.00	3.892		mg/Kg		78	56 - 120	8	20
N-Nitrosodi-n-propylamine			5.00	3.759		mg/Kg		75	61 - 123	0	20
N-Nitrosodiphenylamine			5.00	5.236		mg/Kg		105	80 - 132	1	20
Pentachlorophenol			5.00	3.164		mg/Kg		63	27 - 120	3	20
Phenanthrene			5.00	4.292		mg/Kg		86	73 - 120	2	20
Phenol			5.00	3.870		mg/Kg		77	61 - 127	1	20
Pyrene			5.00	4.796		mg/Kg		96	70 - 124	4	20
Pyridine			5.00	2.529		mg/Kg		51	35 - 120	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*10 - 134*
2-Fluorobiphenyl (Surr)	*78*		*14 - 142*
2-Fluorophenol (Surr)	*77*		*10 - 123*
Nitrobenzene-d5 (Surr)	*65*		*10 - 129*
p-Terphenyl-d14 (Surr)	*86*		*31 - 139*
Phenol-d6 (Surr)	*76*		*10 - 120*

Lab Sample ID: 570-92505-4 MS
Client Sample ID: SP-4-04142022
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227982
Prep Batch: 227671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND		5.00	3.211		mg/Kg		64	50 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92505-4 MS
Client Sample ID: SP-4-04142022
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227982
Prep Batch: 227671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichlorobenzene	ND		5.00	3.519		mg/Kg		70	42 - 125
1,3-Dichlorobenzene	ND		5.00	3.455		mg/Kg		69	40 - 125
1,4-Dichlorobenzene	ND		5.00	3.406		mg/Kg		68	45 - 125
1-Methylnaphthalene	ND		5.00	3.479		mg/Kg		70	54 - 125
2,4,5-Trichlorophenol	ND		5.00	3.121		mg/Kg		62	35 - 125
2,4,6-Trichlorophenol	ND		5.00	3.030		mg/Kg		61	33 - 126
2,4-Dichlorophenol	ND		5.00	3.539		mg/Kg		71	45 - 125
2,4-Dimethylphenol	ND		5.00	3.338		mg/Kg		67	44 - 125
2,4-Dinitrophenol	ND		5.00	ND		mg/Kg		NC	10 - 125
2,4-Dinitrotoluene	ND		5.00	3.508		mg/Kg		70	47 - 125
2,6-Dichlorophenol	ND		5.00	3.224		mg/Kg		64	38 - 125
2,6-Dinitrotoluene	ND		5.00	3.894		mg/Kg		78	41 - 125
2-Chloronaphthalene	ND		5.00	3.378		mg/Kg		68	47 - 125
2-Chlorophenol	ND		5.00	3.388		mg/Kg		68	49 - 125
2-Methylnaphthalene	ND		5.00	3.264		mg/Kg		65	42 - 125
2-Methylphenol	ND		5.00	3.406		mg/Kg		68	46 - 125
2-Nitroaniline	ND		5.00	2.793		mg/Kg		56	43 - 125
2-Nitrophenol	ND		5.00	3.272		mg/Kg		65	25 - 126
3,3'-Dichlorobenzidine	ND		5.00	ND		mg/Kg		67	29 - 125
3 & 4 Methylphenol	ND		10.0	5.738		mg/Kg		57	26 - 125
3-Nitroaniline	ND		5.00	3.189		mg/Kg		64	39 - 125
4,6-Dinitro-2-methylphenol	ND	F1	5.00	ND	F1	mg/Kg		0	10 - 125
4-Bromophenyl phenyl ether	ND		5.00	3.611		mg/Kg		72	47 - 125
4-Chloro-3-methylphenol	ND		5.00	3.428		mg/Kg		69	53 - 125
4-Chloroaniline	ND		5.00	2.293		mg/Kg		46	33 - 125
4-Chlorophenyl phenyl ether	ND		5.00	3.259		mg/Kg		65	49 - 125
4-Nitroaniline	ND		5.00	3.432		mg/Kg		69	35 - 125
4-Nitrophenol	ND		5.00	2.879		mg/Kg		58	22 - 134
Acenaphthene	ND		5.00	3.573		mg/Kg		71	51 - 125
Acenaphthylene	ND		5.00	3.658		mg/Kg		73	54 - 125
Aniline	ND	F2	5.00	ND		mg/Kg		39	24 - 125
Anthracene	ND		5.00	3.652		mg/Kg		73	50 - 125
Azobenzene	ND		5.00	2.967		mg/Kg		59	48 - 125
Benzidine	ND		5.00	ND		mg/Kg		NC	10 - 126
Benzo[a]anthracene	ND		5.00	4.380		mg/Kg		88	62 - 125
Benzo[a]pyrene	ND		5.00	4.855		mg/Kg		97	55 - 131
Benzo[b]fluoranthene	ND		5.00	4.541		mg/Kg		91	49 - 128
Benzo[g,h,i]perylene	ND		5.00	3.523		mg/Kg		70	56 - 125
Benzo[k]fluoranthene	ND		5.00	3.489		mg/Kg		70	48 - 125
Benzoic acid	ND		5.00	ND		mg/Kg		NC	10 - 125
Benzyl alcohol	ND		5.00	2.725		mg/Kg		54	47 - 125
Bis(2-chloroethoxy)methane	ND		5.00	2.884		mg/Kg		58	48 - 125
Bis(2-chloroethyl)ether	ND		5.00	ND		mg/Kg		64	43 - 125
bis (2-Chloroisopropyl) ether	ND		5.00	3.426		mg/Kg		68	46 - 125
Bis(2-ethylhexyl) phthalate	ND		5.00	4.395		mg/Kg		59	50 - 125
Butyl benzyl phthalate	ND		5.00	4.474		mg/Kg		89	58 - 125
Chrysene	ND		5.00	3.718		mg/Kg		74	53 - 125
Dibenz(a,h)anthracene	ND		5.00	4.182		mg/Kg		84	57 - 125
Dibenzofuran	ND		5.00	3.190		mg/Kg		64	47 - 125

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92505-4 MS
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: SP-4-04142022
Prep Type: Total/NA
Prep Batch: 227671

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diethyl phthalate	ND		5.00	3.276		mg/Kg		65	53 - 125
Dimethyl phthalate	ND		5.00	3.129		mg/Kg		63	52 - 125
Di-n-butyl phthalate	ND		5.00	4.144		mg/Kg		83	49 - 125
Di-n-octyl phthalate	ND		5.00	5.444		mg/Kg		109	57 - 125
Fluoranthene	ND		5.00	3.890		mg/Kg		78	50 - 125
Fluorene	ND		5.00	3.753		mg/Kg		75	54 - 125
Hexachloro-1,3-butadiene	ND		5.00	2.792		mg/Kg		56	43 - 125
Hexachlorobenzene	ND		5.00	3.854		mg/Kg		77	55 - 125
Hexachlorocyclopentadiene	ND		5.00	ND		mg/Kg		42	10 - 150
Hexachloroethane	ND		5.00	3.312		mg/Kg		66	27 - 125
Indeno[1,2,3-cd]pyrene	ND		5.00	3.849		mg/Kg		77	55 - 125
Isophorone	ND		5.00	3.037		mg/Kg		61	50 - 125
Naphthalene	ND		5.00	3.568		mg/Kg		71	39 - 127
Nitrobenzene	ND		5.00	ND		mg/Kg		54	43 - 125
N-Nitrosodimethylamine	ND		5.00	3.018		mg/Kg		60	36 - 125
N-Nitrosodi-n-propylamine	ND		5.00	2.987		mg/Kg		60	47 - 125
N-Nitrosodiphenylamine	ND		5.00	4.158		mg/Kg		83	57 - 134
Pentachlorophenol	ND	F1	5.00	ND	F1	mg/Kg		0	10 - 125
Phenanthrene	ND		5.00	3.465		mg/Kg		69	51 - 125
Phenol	ND		5.00	3.025		mg/Kg		60	45 - 125
Pyrene	ND		5.00	4.137		mg/Kg		83	56 - 125
Pyridine	ND		5.00	ND		mg/Kg		37	17 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*74*		*10 - 134*
2-Fluorobiphenyl (Surr)	*58*		*14 - 142*
2-Fluorophenol (Surr)	*59*		*10 - 123*
Nitrobenzene-d5 (Surr)	*53*		*10 - 129*
p-Terphenyl-d14 (Surr)	*72*		*31 - 139*
Phenol-d6 (Surr)	*58*		*10 - 120*

Lab Sample ID: 570-92505-4 MSD
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: SP-4-04142022
Prep Type: Total/NA
Prep Batch: 227671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND		5.01	3.727		mg/Kg		74	50 - 125	15	20
1,2-Dichlorobenzene	ND		5.01	4.151		mg/Kg		83	42 - 125	16	20
1,3-Dichlorobenzene	ND		5.01	3.893		mg/Kg		78	40 - 125	12	21
1,4-Dichlorobenzene	ND		5.01	4.004		mg/Kg		80	45 - 125	16	24
1-Methylnaphthalene	ND		5.01	4.249		mg/Kg		85	54 - 125	20	20
2,4,5-Trichlorophenol	ND		5.01	3.431		mg/Kg		69	35 - 125	9	20
2,4,6-Trichlorophenol	ND		5.01	3.419		mg/Kg		68	33 - 126	12	20
2,4-Dichlorophenol	ND		5.01	3.991		mg/Kg		80	45 - 125	12	20
2,4-Dimethylphenol	ND		5.01	3.891		mg/Kg		78	44 - 125	15	20
2,4-Dinitrophenol	ND		5.01	ND		mg/Kg		NC	10 - 125	NC	22
2,4-Dinitrotoluene	ND		5.01	4.063		mg/Kg		81	47 - 125	15	20
2,6-Dichlorophenol	ND		5.01	3.739		mg/Kg		75	38 - 125	15	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92505-4 MSD
Client Sample ID: SP-4-04142022
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227982
Prep Batch: 227671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,6-Dinitrotoluene	ND		5.01	4.238		mg/Kg		85	41 - 125	8	20
2-Chloronaphthalene	ND		5.01	3.774		mg/Kg		75	47 - 125	11	20
2-Chlorophenol	ND		5.01	3.969		mg/Kg		79	49 - 125	16	20
2-Methylnaphthalene	ND		5.01	3.782		mg/Kg		76	42 - 125	15	20
2-Methylphenol	ND		5.01	3.953		mg/Kg		79	46 - 125	15	20
2-Nitroaniline	ND		5.01	3.302		mg/Kg		66	43 - 125	17	20
2-Nitrophenol	ND		5.01	3.717		mg/Kg		74	25 - 126	13	21
3,3'-Dichlorobenzidine	ND		5.01	ND		mg/Kg		78	29 - 125	15	20
3 & 4 Methylphenol	ND		10.0	6.962		mg/Kg		70	26 - 125	19	20
3-Nitroaniline	ND		5.01	3.641		mg/Kg		73	39 - 125	13	20
4,6-Dinitro-2-methylphenol	ND	F1	5.01	ND	F1	mg/Kg		0	10 - 125	NC	24
4-Bromophenyl phenyl ether	ND		5.01	4.104		mg/Kg		82	47 - 125	13	20
4-Chloro-3-methylphenol	ND		5.01	4.129		mg/Kg		82	53 - 125	19	20
4-Chloroaniline	ND		5.01	2.774		mg/Kg		55	33 - 125	19	20
4-Chlorophenyl phenyl ether	ND		5.01	3.768		mg/Kg		75	49 - 125	15	20
4-Nitroaniline	ND		5.01	3.886		mg/Kg		78	35 - 125	12	20
4-Nitrophenol	ND		5.01	3.300		mg/Kg		66	22 - 134	14	21
Acenaphthene	ND		5.01	4.065		mg/Kg		81	51 - 125	13	20
Acenaphthylene	ND		5.01	4.116		mg/Kg		82	54 - 125	12	20
Aniline	ND	F2	5.01	2.507	F2	mg/Kg		50	24 - 125	24	20
Anthracene	ND		5.01	4.130		mg/Kg		83	50 - 125	12	20
Azobenzene	ND		5.01	3.345		mg/Kg		67	48 - 125	12	20
Benzidine	ND		5.01	ND		mg/Kg		NC	10 - 126	NC	30
Benzo[a]anthracene	ND		5.01	5.127		mg/Kg		102	62 - 125	16	20
Benzo[a]pyrene	ND		5.01	5.356		mg/Kg		107	55 - 131	10	20
Benzo[b]fluoranthene	ND		5.01	4.849		mg/Kg		97	49 - 128	7	20
Benzo[g,h,i]perylene	ND		5.01	4.050		mg/Kg		81	56 - 125	14	20
Benzo[k]fluoranthene	ND		5.01	4.026		mg/Kg		80	48 - 125	14	20
Benzoic acid	ND		5.01	ND		mg/Kg		NC	10 - 125	NC	35
Benzyl alcohol	ND		5.01	3.241		mg/Kg		65	47 - 125	17	20
Bis(2-chloroethoxy)methane	ND		5.01	3.430		mg/Kg		69	48 - 125	17	20
Bis(2-chloroethyl)ether	ND		5.01	ND		mg/Kg		72	43 - 125	12	20
bis (2-Chloroisopropyl) ether	ND		5.01	3.885		mg/Kg		78	46 - 125	13	20
Bis(2-ethylhexyl) phthalate	ND		5.01	5.001		mg/Kg		71	50 - 125	13	20
Butyl benzyl phthalate	ND		5.01	4.989		mg/Kg		100	58 - 125	11	20
Chrysene	ND		5.01	4.266		mg/Kg		85	53 - 125	14	20
Dibenz(a,h)anthracene	ND		5.01	4.800		mg/Kg		96	57 - 125	14	20
Dibenzofuran	ND		5.01	3.568		mg/Kg		71	47 - 125	11	20
Diethyl phthalate	ND		5.01	3.665		mg/Kg		73	53 - 125	11	20
Dimethyl phthalate	ND		5.01	3.482		mg/Kg		70	52 - 125	11	20
Di-n-butyl phthalate	ND		5.01	4.704		mg/Kg		94	49 - 125	13	20
Di-n-octyl phthalate	ND		5.01	6.153		mg/Kg		123	57 - 125	12	20
Fluoranthene	ND		5.01	4.451		mg/Kg		89	50 - 125	13	20
Fluorene	ND		5.01	4.276		mg/Kg		85	54 - 125	13	20
Hexachloro-1,3-butadiene	ND		5.01	3.176		mg/Kg		63	43 - 125	13	20
Hexachlorobenzene	ND		5.01	4.389		mg/Kg		88	55 - 125	13	20
Hexachlorocyclopentadiene	ND		5.01	ND		mg/Kg		48	10 - 150	14	33
Hexachloroethane	ND		5.01	3.716		mg/Kg		74	27 - 125	11	27
Indeno[1,2,3-cd]pyrene	ND		5.01	4.414		mg/Kg		88	55 - 125	14	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-92505-4 MSD
Matrix: Solid
Analysis Batch: 227982

Client Sample ID: SP-4-04142022
Prep Type: Total/NA
Prep Batch: 227671

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Isophorone	ND		5.01	3.527		mg/Kg		70	50 - 125	15	20
Naphthalene	ND		5.01	4.071		mg/Kg		81	39 - 127	13	20
Nitrobenzene	ND		5.01	ND		mg/Kg		65	43 - 125	18	20
N-Nitrosodimethylamine	ND		5.01	3.471		mg/Kg		69	36 - 125	14	26
N-Nitrosodi-n-propylamine	ND		5.01	3.608		mg/Kg		72	47 - 125	19	20
N-Nitrosodiphenylamine	ND		5.01	4.511		mg/Kg		90	57 - 134	8	20
Pentachlorophenol	ND	F1	5.01	ND	F1	mg/Kg		0	10 - 125	NC	20
Phenanthrene	ND		5.01	3.970		mg/Kg		79	51 - 125	14	20
Phenol	ND		5.01	3.555		mg/Kg		71	45 - 125	16	20
Pyrene	ND		5.01	4.863		mg/Kg		97	56 - 125	16	20
Pyridine	ND		5.01	ND		mg/Kg		39	17 - 125	5	27

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*10 - 134*
2-Fluorobiphenyl (Surr)	*65*		*14 - 142*
2-Fluorophenol (Surr)	*70*		*10 - 123*
Nitrobenzene-d5 (Surr)	*63*		*10 - 129*
p-Terphenyl-d14 (Surr)	*87*		*31 - 139*
Phenol-d6 (Surr)	*68*		*10 - 120*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-227052/1-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
4,4'-DDE	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
4,4'-DDT	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Aldrin	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
alpha-BHC	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
alpha-Chlordane	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
beta-BHC	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Chlordane	ND		25		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
delta-BHC	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Dieldrin	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Endosulfan I	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Endosulfan II	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Endosulfan sulfate	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Endrin	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Endrin aldehyde	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Endrin ketone	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
gamma-Chlordane	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
gamma-BHC	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Heptachlor	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Heptachlor epoxide	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Methoxychlor	ND		5.0		ug/Kg		04/15/22 12:53	04/18/22 20:11	1
Toxaphene	ND		25		ug/Kg		04/15/22 12:53	04/18/22 20:11	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	82		38 - 148	04/15/22 12:53	04/18/22 20:11	1
DCB Decachlorobiphenyl (Surr)	82		37 - 151	04/15/22 12:53	04/18/22 20:11	1

Lab Sample ID: LCS 570-227052/2-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227052

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			25.0	26.04		ug/Kg		104	54 - 154		
4,4'-DDE			25.0	25.57		ug/Kg		102	51 - 149		
4,4'-DDT			25.0	28.59		ug/Kg		114	39 - 152		
Aldrin			25.0	25.37		ug/Kg		101	52 - 138		
alpha-BHC			25.0	26.08		ug/Kg		104	51 - 140		
alpha-Chlordane			25.0	25.70		ug/Kg		103	53 - 141		
beta-BHC			25.0	25.38		ug/Kg		102	53 - 141		
delta-BHC			25.0	27.44		ug/Kg		110	20 - 132		
Dieldrin			25.0	26.22		ug/Kg		105	52 - 144		
Endosulfan I			25.0	27.97		ug/Kg		112	49 - 139		
Endosulfan II			25.0	27.97		ug/Kg		112	51 - 150		
Endosulfan sulfate			25.0	26.90		ug/Kg		108	45 - 139		
Endrin			25.0	24.44		ug/Kg		98	53 - 151		
Endrin aldehyde			25.0	26.32		ug/Kg		105	31 - 146		
gamma-Chlordane			25.0	26.21		ug/Kg		105	46 - 156		
gamma-BHC			25.0	26.65		ug/Kg		107	53 - 141		
Heptachlor			25.0	28.33		ug/Kg		113	52 - 144		
Heptachlor epoxide			25.0	25.60		ug/Kg		102	54 - 141		
Methoxychlor			25.0	27.19		ug/Kg		109	47 - 148		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	99		38 - 148
DCB Decachlorobiphenyl (Surr)	98		37 - 151

Lab Sample ID: LCSD 570-227052/3-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227052

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	27.31		ug/Kg		109	54 - 154	5	30
4,4'-DDE			25.0	26.88		ug/Kg		108	51 - 149	5	28
4,4'-DDT			25.0	30.02		ug/Kg		120	39 - 152	5	31
Aldrin			25.0	26.95		ug/Kg		108	52 - 138	6	30
alpha-BHC			25.0	27.72		ug/Kg		111	51 - 140	6	29
alpha-Chlordane			25.0	27.10		ug/Kg		108	53 - 141	5	28
beta-BHC			25.0	26.89		ug/Kg		108	53 - 141	6	29
delta-BHC			25.0	28.98		ug/Kg		116	20 - 132	5	40
Dieldrin			25.0	27.59		ug/Kg		110	52 - 144	5	28
Endosulfan I			25.0	29.22		ug/Kg		117	49 - 139	4	28
Endosulfan II			25.0	29.30		ug/Kg		117	51 - 150	5	29
Endosulfan sulfate			25.0	28.28		ug/Kg		113	45 - 139	5	30
Endrin			25.0	25.40		ug/Kg		102	53 - 151	4	29
Endrin aldehyde			25.0	27.91		ug/Kg		112	31 - 146	6	40

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 570-227052/3-A
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227052

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
gamma-Chlordane			25.0	27.65		ug/Kg		111	46 - 156	5	39
gamma-BHC			25.0	28.31		ug/Kg		113	53 - 141	6	29
Heptachlor			25.0	30.02		ug/Kg		120	52 - 144	6	29
Heptachlor epoxide			25.0	27.03		ug/Kg		108	54 - 141	5	29
Methoxychlor			25.0	28.28		ug/Kg		113	47 - 148	4	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*103*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*100*		*37 - 151*

Lab Sample ID: 570-92441-A-1-D MS
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227052

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND		25.0	19.50		ug/Kg		78	27 - 144
4,4'-DDE	ND		25.0	19.58		ug/Kg		78	28 - 141
4,4'-DDT	ND		25.0	21.32		ug/Kg		85	10 - 154
Aldrin	ND		25.0	17.18		ug/Kg		69	26 - 125
alpha-BHC	ND		25.0	16.36		ug/Kg		65	24 - 125
alpha-Chlordane			25.0	17.85		ug/Kg			
beta-BHC	ND		25.0	14.14		ug/Kg		57	28 - 125
delta-BHC	ND		25.0	12.75		ug/Kg		51	10 - 125
Dieldrin	ND		25.0	18.03		ug/Kg		72	19 - 145
Endosulfan I	ND		25.0	17.59		ug/Kg		70	25 - 125
Endosulfan II	ND		25.0	17.42		ug/Kg		70	13 - 142
Endosulfan sulfate	ND		25.0	12.39		ug/Kg		50	14 - 126
Endrin	ND		25.0	17.78		ug/Kg		71	28 - 139
Endrin aldehyde	ND		25.0	14.37		ug/Kg		58	12 - 125
gamma-Chlordane			25.0	18.45		ug/Kg			
gamma-BHC	ND		25.0	16.48		ug/Kg		66	24 - 125
Heptachlor	ND		25.0	19.66		ug/Kg		79	19 - 127
Heptachlor epoxide	ND		25.0	17.86		ug/Kg		71	33 - 123
Methoxychlor	ND		25.0	20.77		ug/Kg		83	19 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*62*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*67*		*37 - 151*

Lab Sample ID: 570-92441-A-1-E MSD
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227052

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND		24.9	20.68		ug/Kg		83	27 - 144	6	40
4,4'-DDE	ND		24.9	19.46		ug/Kg		78	28 - 141	1	32
4,4'-DDT	ND		24.9	20.04		ug/Kg		80	10 - 154	6	40
Aldrin	ND		24.9	17.49		ug/Kg		70	26 - 125	2	40

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-92441-A-1-E MSD
Matrix: Solid
Analysis Batch: 227321

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227052

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC	ND		24.9	16.61		ug/Kg		67	24 - 125	1	40
alpha-Chlordane			24.9	18.26		ug/Kg					
beta-BHC	ND		24.9	14.79		ug/Kg		59	28 - 125	4	39
delta-BHC	ND		24.9	14.32		ug/Kg		57	10 - 125	12	40
Dieldrin	ND		24.9	18.21		ug/Kg		73	19 - 145	1	39
Endosulfan I	ND		24.9	18.03		ug/Kg		72	25 - 125	2	39
Endosulfan II	ND		24.9	18.15		ug/Kg		73	13 - 142	4	40
Endosulfan sulfate	ND		24.9	13.59		ug/Kg		55	14 - 126	9	38
Endrin	ND		24.9	18.05		ug/Kg		72	28 - 139	1	40
Endrin aldehyde	ND		24.9	14.74		ug/Kg		59	12 - 125	3	40
gamma-Chlordane			24.9	18.81		ug/Kg					
gamma-BHC	ND		24.9	16.98		ug/Kg		68	24 - 125	3	40
Heptachlor	ND		24.9	19.49		ug/Kg		78	19 - 127	1	40
Heptachlor epoxide	ND		24.9	18.28		ug/Kg		73	33 - 123	2	34
Methoxychlor	ND		24.9	19.83		ug/Kg		80	19 - 128	5	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*63*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*68*		*37 - 151*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-227052/1-A
Matrix: Solid
Analysis Batch: 227323

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227052

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1221	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1232	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1242	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1248	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1254	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1260	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1262	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1
Aroclor-1268	ND		50		ug/Kg		04/15/22 12:53	04/18/22 12:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*25 - 126*	*04/15/22 12:53*	*04/18/22 12:32*	*1*
DCB Decachlorobiphenyl (Surr)	*61*		*20 - 155*	*04/15/22 12:53*	*04/18/22 12:32*	*1*

Lab Sample ID: LCS 570-227052/6-A
Matrix: Solid
Analysis Batch: 227323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227052

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	100	84.01		ug/Kg		84	50 - 142
Aroclor-1260	100	85.33		ug/Kg		85	50 - 150

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 570-227052/6-A
Matrix: Solid
Analysis Batch: 227323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227052

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*77*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*63*		*20 - 155*

Lab Sample ID: LCSD 570-227052/7-A
Matrix: Solid
Analysis Batch: 227323

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 227052

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016			100	80.74		ug/Kg		81	50 - 142	4	30
Aroclor-1260			100	79.10		ug/Kg		79	50 - 150	8	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*72*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*55*		*20 - 155*

Lab Sample ID: 570-92441-A-1-F MS
Matrix: Solid
Analysis Batch: 227323

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 227052

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	ND		99.9	78.25		ug/Kg		78	20 - 175
Aroclor-1260	ND		99.9	80.52		ug/Kg		81	20 - 180

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*69*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*58*		*20 - 155*

Lab Sample ID: 570-92441-A-1-G MSD
Matrix: Solid
Analysis Batch: 227323

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 227052

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor-1016	ND		100	75.42		ug/Kg		75	20 - 175	4	40
Aroclor-1260	ND		100	80.01		ug/Kg		80	20 - 180	1	40

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*69*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*57*		*20 - 155*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 440-671090/1-A ^5
Matrix: Solid
Analysis Batch: 671194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		10.2		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Arsenic	ND		3.05		mg/Kg		04/15/22 11:38	04/18/22 13:01	5

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 440-671090/1-A ^5
Matrix: Solid
Analysis Batch: 671194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 671090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		3.05		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Beryllium	ND		0.508		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Cadmium	ND		0.508		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Chromium	ND		1.02		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Cobalt	ND		1.02		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Copper	ND		2.03		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Lead	ND		2.03		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Molybdenum	ND		2.03		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Nickel	ND		2.03		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Selenium	ND		3.05		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Silver	ND		1.52		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Thallium	ND		10.2		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Vanadium	ND		1.02		mg/Kg		04/15/22 11:38	04/18/22 13:01	5
Zinc	ND		5.08		mg/Kg		04/15/22 11:38	04/18/22 13:01	5

Lab Sample ID: LCS 440-671090/2-A ^5
Matrix: Solid
Analysis Batch: 671194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 671090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	49.8	47.90		mg/Kg		96	80 - 120
Arsenic	49.8	46.37		mg/Kg		93	80 - 120
Barium	49.8	46.62		mg/Kg		94	80 - 120
Beryllium	49.8	46.02		mg/Kg		92	80 - 120
Cadmium	49.8	44.80		mg/Kg		90	80 - 120
Chromium	49.8	46.89		mg/Kg		94	80 - 120
Cobalt	49.8	46.29		mg/Kg		93	80 - 120
Copper	49.8	46.78		mg/Kg		94	80 - 120
Lead	49.8	46.22		mg/Kg		93	80 - 120
Molybdenum	49.8	46.24		mg/Kg		93	80 - 120
Nickel	49.8	47.46		mg/Kg		95	80 - 120
Selenium	49.8	43.83		mg/Kg		88	80 - 120
Silver	24.9	22.86		mg/Kg		92	80 - 120
Thallium	49.8	45.98		mg/Kg		92	80 - 120
Vanadium	49.8	46.36		mg/Kg		93	80 - 120
Zinc	49.8	46.53		mg/Kg		94	80 - 120

Lab Sample ID: 570-92141-B-2-C MS ^5
Matrix: Solid
Analysis Batch: 671194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND	F1	49.5	32.10	F1	mg/Kg		65	75 - 125
Arsenic	3.78		49.5	52.10		mg/Kg		98	75 - 125
Barium	151		49.5	200.0		mg/Kg		100	75 - 125
Beryllium	ND		49.5	49.13		mg/Kg		99	75 - 125
Cadmium	1.66		49.5	48.19		mg/Kg		94	75 - 125
Chromium	13.8		49.5	70.83		mg/Kg		115	75 - 125
Cobalt	5.44		49.5	54.47		mg/Kg		99	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-92141-B-2-C MS ^5
Matrix: Solid
Analysis Batch: 671194

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 671090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Copper	10.4		49.5	65.10		mg/Kg		110	75 - 125
Lead	5.21		49.5	54.28		mg/Kg		99	75 - 125
Molybdenum	ND		49.5	48.16		mg/Kg		97	75 - 125
Nickel	10.3		49.5	62.12		mg/Kg		105	75 - 125
Selenium	ND		49.5	46.03		mg/Kg		93	75 - 125
Silver	ND		24.8	24.33		mg/Kg		98	75 - 125
Thallium	ND		49.5	45.92		mg/Kg		93	75 - 125
Vanadium	21.0		49.5	82.81		mg/Kg		125	75 - 125
Zinc	37.3	F1	49.5	100.8	F1	mg/Kg		128	75 - 125

Lab Sample ID: 570-92141-B-2-D MSD ^5
Matrix: Solid
Analysis Batch: 671194

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 671090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND	F1	50.5	31.02	F1	mg/Kg		61	75 - 125	3	20
Arsenic	3.78		50.5	49.33		mg/Kg		90	75 - 125	5	20
Barium	151		50.5	188.5		mg/Kg		75	75 - 125	6	20
Beryllium	ND		50.5	45.92		mg/Kg		90	75 - 125	7	20
Cadmium	1.66		50.5	45.05		mg/Kg		86	75 - 125	7	20
Chromium	13.8		50.5	65.73		mg/Kg		103	75 - 125	7	20
Cobalt	5.44		50.5	50.74		mg/Kg		90	75 - 125	7	20
Copper	10.4		50.5	60.86		mg/Kg		100	75 - 125	7	20
Lead	5.21		50.5	50.51		mg/Kg		90	75 - 125	7	20
Molybdenum	ND		50.5	45.01		mg/Kg		89	75 - 125	7	20
Nickel	10.3		50.5	57.98		mg/Kg		94	75 - 125	7	20
Selenium	ND		50.5	43.61		mg/Kg		86	75 - 125	5	20
Silver	ND		25.3	22.73		mg/Kg		90	75 - 125	7	20
Thallium	ND		50.5	43.36		mg/Kg		86	75 - 125	6	20
Vanadium	21.0		50.5	76.60		mg/Kg		110	75 - 125	8	20
Zinc	37.3	F1	50.5	90.48		mg/Kg		105	75 - 125	11	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-227057/1-A
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 227057

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		04/15/22 13:56	04/15/22 17:16	1

Lab Sample ID: LCS 570-227057/2-A
Matrix: Solid
Analysis Batch: 227120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 227057

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.862	0.9488		mg/Kg		110	85 - 121

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: LCSD 570-227057/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227120
Prep Batch: 227057

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.833	0.9278		mg/Kg		111	85 - 121	2	10

Method: 7471A - Mercury (CVAA) - DL

Lab Sample ID: 570-92584-B-1-B MS ^10
Client Sample ID: Matrix Spike
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227120
Prep Batch: 227057

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury - DL	6.15		0.820	6.347	4	mg/Kg		25	71 - 137		

Lab Sample ID: 570-92584-B-1-C MSD ^10
Client Sample ID: Matrix Spike Duplicate
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 227120
Prep Batch: 227057

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury - DL	6.15		0.877	6.886	4	mg/Kg		84	71 - 137	8	14

GC/MS VOA

Prep Batch: 227196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	5035	
570-92505-2	SP-2-04142022	Total/NA	Solid	5035	
570-92505-3	SP-3-04142022	Total/NA	Solid	5035	
570-92505-4	SP-4-04142022	Total/NA	Solid	5035	

Analysis Batch: 227897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	8260B	227196
570-92505-2	SP-2-04142022	Total/NA	Solid	8260B	227196
570-92505-3	SP-3-04142022	Total/NA	Solid	8260B	227196
570-92505-4	SP-4-04142022	Total/NA	Solid	8260B	227196
MB 570-227897/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-227897/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-227897/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 227191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	3546	
570-92505-2	SP-2-04142022	Total/NA	Solid	3546	
570-92505-3	SP-3-04142022	Total/NA	Solid	3546	
MB 570-227191/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-227191/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-227191/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-92150-F-1-Q MS	Matrix Spike	Total/NA	Solid	3546	
570-92150-F-1-R MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 227595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	8270C	227191
570-92505-2	SP-2-04142022	Total/NA	Solid	8270C	227191
570-92505-3	SP-3-04142022	Total/NA	Solid	8270C	227191
MB 570-227191/1-A	Method Blank	Total/NA	Solid	8270C	227191
LCS 570-227191/2-A	Lab Control Sample	Total/NA	Solid	8270C	227191
LCSD 570-227191/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	227191
570-92150-F-1-Q MS	Matrix Spike	Total/NA	Solid	8270C	227191
570-92150-F-1-R MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	227191

Prep Batch: 227671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-4	SP-4-04142022	Total/NA	Solid	3546	
MB 570-227671/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-227671/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-227671/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-92505-4 MS	SP-4-04142022	Total/NA	Solid	3546	
570-92505-4 MSD	SP-4-04142022	Total/NA	Solid	3546	

Analysis Batch: 227982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-4	SP-4-04142022	Total/NA	Solid	8270C	227671

GC/MS Semi VOA (Continued)

Analysis Batch: 227982 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-227671/1-A	Method Blank	Total/NA	Solid	8270C	227671
LCS 570-227671/2-A	Lab Control Sample	Total/NA	Solid	8270C	227671
LCSD 570-227671/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	227671
570-92505-4 MS	SP-4-04142022	Total/NA	Solid	8270C	227671
570-92505-4 MSD	SP-4-04142022	Total/NA	Solid	8270C	227671

GC Semi VOA

Prep Batch: 227052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	3546	
570-92505-2	SP-2-04142022	Total/NA	Solid	3546	
570-92505-3	SP-3-04142022	Total/NA	Solid	3546	
570-92505-4	SP-4-04142022	Total/NA	Solid	3546	
MB 570-227052/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-227052/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCS 570-227052/6-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-227052/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 570-227052/7-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-92441-A-1-D MS	Matrix Spike	Total/NA	Solid	3546	
570-92441-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	
570-92441-A-1-F MS	Matrix Spike	Total/NA	Solid	3546	
570-92441-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 227321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	8081A	227052
570-92505-2	SP-2-04142022	Total/NA	Solid	8081A	227052
570-92505-3	SP-3-04142022	Total/NA	Solid	8081A	227052
570-92505-4	SP-4-04142022	Total/NA	Solid	8081A	227052
MB 570-227052/1-A	Method Blank	Total/NA	Solid	8081A	227052
LCS 570-227052/2-A	Lab Control Sample	Total/NA	Solid	8081A	227052
LCSD 570-227052/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	227052
570-92441-A-1-D MS	Matrix Spike	Total/NA	Solid	8081A	227052
570-92441-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8081A	227052

Analysis Batch: 227323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	8082	227052
570-92505-2	SP-2-04142022	Total/NA	Solid	8082	227052
570-92505-3	SP-3-04142022	Total/NA	Solid	8082	227052
570-92505-4	SP-4-04142022	Total/NA	Solid	8082	227052
MB 570-227052/1-A	Method Blank	Total/NA	Solid	8082	227052
LCS 570-227052/6-A	Lab Control Sample	Total/NA	Solid	8082	227052
LCSD 570-227052/7-A	Lab Control Sample Dup	Total/NA	Solid	8082	227052
570-92441-A-1-F MS	Matrix Spike	Total/NA	Solid	8082	227052
570-92441-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8082	227052

Metals

Prep Batch: 227057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	7471A	
570-92505-2	SP-2-04142022	Total/NA	Solid	7471A	
570-92505-3	SP-3-04142022	Total/NA	Solid	7471A	
570-92505-4	SP-4-04142022	Total/NA	Solid	7471A	
MB 570-227057/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-227057/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-227057/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-92584-B-1-B MS ^10 - D	Matrix Spike	Total/NA	Solid	7471A	
570-92584-B-1-C MSD ^10 -	Matrix Spike Duplicate	Total/NA	Solid	7471A	

Analysis Batch: 227120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	7471A	227057
570-92505-2	SP-2-04142022	Total/NA	Solid	7471A	227057
570-92505-3	SP-3-04142022	Total/NA	Solid	7471A	227057
570-92505-4	SP-4-04142022	Total/NA	Solid	7471A	227057
MB 570-227057/1-A	Method Blank	Total/NA	Solid	7471A	227057
LCS 570-227057/2-A	Lab Control Sample	Total/NA	Solid	7471A	227057
LCSD 570-227057/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	227057
570-92584-B-1-B MS ^10 - D	Matrix Spike	Total/NA	Solid	7471A	227057
570-92584-B-1-C MSD ^10 -	Matrix Spike Duplicate	Total/NA	Solid	7471A	227057

Prep Batch: 671090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	3050B	
570-92505-2	SP-2-04142022	Total/NA	Solid	3050B	
570-92505-3	SP-3-04142022	Total/NA	Solid	3050B	
570-92505-4	SP-4-04142022	Total/NA	Solid	3050B	
MB 440-671090/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 440-671090/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
570-92141-B-2-C MS ^5	Matrix Spike	Total/NA	Solid	3050B	
570-92141-B-2-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 671194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	Total/NA	Solid	6010B	671090
570-92505-2	SP-2-04142022	Total/NA	Solid	6010B	671090
570-92505-3	SP-3-04142022	Total/NA	Solid	6010B	671090
570-92505-4	SP-4-04142022	Total/NA	Solid	6010B	671090
MB 440-671090/1-A ^5	Method Blank	Total/NA	Solid	6010B	671090
LCS 440-671090/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	671090
570-92141-B-2-C MS ^5	Matrix Spike	Total/NA	Solid	6010B	671090
570-92141-B-2-D MSD ^5	Matrix Spike Duplicate	Total/NA	Solid	6010B	671090

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Client Sample ID: SP-1-04142022
Lab Sample ID: 570-92505-1
Date Collected: 04/14/22 11:40
Matrix: Solid
Date Received: 04/14/22 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.633 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227897	04/20/22 08:52	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			19.96 g	2 mL	227191	04/16/22 09:52	SP9M	ECL 4
Total/NA	Analysis	8270C		1			227595	04/19/22 22:46	N8CZ	ECL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3546			19.99 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/19/22 21:52	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			19.99 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8082		1	1 mL	0 mL	227323	04/18/22 18:49	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.01 g	50 mL	671090	04/15/22 11:38	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671194	04/18/22 13:23	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	227057	04/15/22 13:56	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 17:48	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: SP-2-04142022
Lab Sample ID: 570-92505-2
Date Collected: 04/14/22 11:55
Matrix: Solid
Date Received: 04/14/22 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.854 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227897	04/20/22 09:13	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			19.96 g	2 mL	227191	04/16/22 09:52	SP9M	ECL 4
Total/NA	Analysis	8270C		1			227595	04/19/22 23:05	N8CZ	ECL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3546			19.92 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/19/22 09:44	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			19.92 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8082		1	1 mL	0 mL	227323	04/18/22 17:52	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.01 g	50 mL	671090	04/15/22 11:38	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671194	04/18/22 13:31	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.62 g	100 mL	227057	04/15/22 13:56	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 17:50	VWJ7	ECL 4
	Instrument ID: HG8									

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Client Sample ID: SP-3-04142022
Lab Sample ID: 570-92505-3
Date Collected: 04/14/22 12:10
Matrix: Solid
Date Received: 04/14/22 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.735 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227897	04/20/22 09:34	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			20.02 g	2 mL	227191	04/16/22 09:52	SP9M	ECL 4
Total/NA	Analysis	8270C		1			227595	04/19/22 23:23	N8CZ	ECL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3546			20.03 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/19/22 22:07	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			20.03 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8082		1	1 mL	0 mL	227323	04/18/22 18:11	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.03 g	50 mL	671090	04/15/22 11:38	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671194	04/18/22 13:34	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.58 g	100 mL	227057	04/15/22 13:56	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 17:52	VWJ7	ECL 4
	Instrument ID: HG8									

Client Sample ID: SP-4-04142022
Lab Sample ID: 570-92505-4
Date Collected: 04/14/22 12:25
Matrix: Solid
Date Received: 04/14/22 14:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.881 g	5 mL	227196	04/16/22 08:20	UQTR	ECL 4
Total/NA	Analysis	8260B		1	5 mL	5 mL	227897	04/20/22 09:55	UJHB	ECL 4
	Instrument ID: GCMSQ									
Total/NA	Prep	3546			20.07 g	4 mL	227671	04/19/22 11:27	SP9M	ECL 4
Total/NA	Analysis	8270C		2	1 mL	1.0 mL	227982	04/21/22 16:17	N8CZ	ECL 4
	Instrument ID: GCMSCCC									
Total/NA	Prep	3546			20.06 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8081A		1			227321	04/19/22 09:59	UHHN	ECL 4
	Instrument ID: GC52A									
Total/NA	Prep	3546			20.06 g	10 mL	227052	04/15/22 12:54	SP9M	ECL 4
Total/NA	Analysis	8082		1	1 mL	0 mL	227323	04/18/22 18:30	UHHN	ECL 4
	Instrument ID: GC64A									
Total/NA	Prep	3050B			2.02 g	50 mL	671090	04/15/22 11:38	FIQ7	IRV 2
Total/NA	Analysis	6010B		5			671194	04/18/22 13:36	P1R	IRV 2
	Instrument ID: ICP8									
Total/NA	Prep	7471A			0.60 g	100 mL	227057	04/15/22 13:56	SR3N	ECL 4
Total/NA	Analysis	7471A		1			227120	04/15/22 17:53	VWJ7	ECL 4
	Instrument ID: HG8									

Laboratory References:
ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494
IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Laboratory: Eurofins Calscience

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	10256	06-30-22
California	State	2706	06-30-22
Kansas	NELAP	E-10420	07-31-22
Nevada	State	CA015312022-1	07-31-22
Washington	State	C900	09-03-22

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-1
Project/Site: Ellis Avenue Project, Perris CA / 020501

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 4
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 4
8081A	Organochlorine Pesticides (GC)	SW846	ECL 4
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 4
6010B	Metals (ICP)	SW846	IRV 2
7471A	Mercury (CVAA)	SW846	ECL 4
3050B	Preparation, Metals	SW846	IRV 2
3546	Microwave Extraction	SW846	ECL 4
5035	Closed System Purge and Trap	SW846	ECL 4
7471A	Preparation, Mercury	SW846	ECL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

IRV 2 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92505-1	SP-1-04142022	Solid	04/14/22 11:40	04/14/22 14:19
570-92505-2	SP-2-04142022	Solid	04/14/22 11:55	04/14/22 14:19
570-92505-3	SP-3-04142022	Solid	04/14/22 12:10	04/14/22 14:19
570-92505-4	SP-4-04142022	Solid	04/14/22 12:25	04/14/22 14:19

Eurofins Calscience
2841 Dow Ave Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

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Client Information	Sampler: Karl Neill	Lab PM: Virendra Patel	Carrier Tracking No(s)	COC No: 440-179973-32609 1
Client Contact: Matt Raithel	Phone: 949-480-7627	E-Mail: KNeill@HaleyAldrich		Page: Page 1 of 1
Company: Haley & Aldrich Inc				Job #: 0205014-1
Address: 5333 Mission Center Rd	Due Date Requested:	Analysis Requested		
City: San Diego	TAT Requested (days): Standard			
State Zip: Ca 92108	PO #: Bottle Order # 10530			
Phone	WO #:			
Email: MRaithel@HaleyAldrich.com	Project #: 0205014			
Project Name: Ellis Avenue Project	SSOW#:			
Site: 33 acres between Ellis Ave & Chase Rd				

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 VOC	8270 Semi. VOC	8082 Polychlorinated biphenyl	8081 Organochlorine pesticides	Title 22 metals 6010/7471													Total Number of containers	Special Instructions/Note:
			Preservation Code:																						
SP-1-04142022	4/14/22	1140	G	Solid	N		X	X	X	X	X													6	
SP-2-04142022		1155	G	S	N		X	X	X	X	X													6	
SP-3-04142022		1210	G	S	N		X	X	X	X	X													6	
SP-4-04142022		1225	G	S	N		X	X	X	X	X													6	

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:

570-92505 Chain of Custody

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

Deliverable Requested I, II III IV Other (specify)

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]	4/14/22	HAS	[signature]	4-14-2022 14:19	ECI
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 2.5/4.2 IR 96

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-92505-1

Login Number: 92505
List Number: 1
Creator: Cortez Diaz, Antonio

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.	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	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-92505-2
Client Project/Site: Ellis Avenue Project, Perris CA / 020501

For:
Haley & Aldrich, Inc.
5333 Mission Center Road
Suite 300
San Diego, California 92108

Attn: Matt Raithel

Virendra R Patel

Authorized for release by:
5/5/2022 5:48:58 PM

Virendra Patel, Project Manager I
(714)895-5494
Virendra.Patel@et.eurofinsus.com

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Definitions/Glossary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-2

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

Case Narrative

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-2

Job ID: 570-92505-2

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-92505-2

Comments
No additional comments.

Receipt
The samples were received on 4/14/2022 2:19 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.2º C.

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

Detection Summary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-2

Client Sample ID: SP-1-04142022

Lab Sample ID: 570-92505-1

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-2
Project/Site: Ellis Avenue Project, Perris CA / 020501

Method: 6010B - Metals (ICP) - STLC Citrate

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.00		mg/L		05/05/22 11:01	05/05/22 13:14	1

Method: 6010B - Metals (ICP)

Lab Sample ID: LB 570-231143/1-B
Matrix: Solid
Analysis Batch: 232027

Client Sample ID: Method Blank
Prep Type: STLC Citrate
Prep Batch: 231954

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		2.00		mg/L		05/05/22 11:01	05/05/22 12:05	1

Lab Sample ID: LCS 570-231143/2-B
Matrix: Solid
Analysis Batch: 232027

Client Sample ID: Lab Control Sample
Prep Type: STLC Citrate
Prep Batch: 231954

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			20.0	21.88		mg/L		109	80 - 120		

Lab Sample ID: LCSD 570-231143/3-B
Matrix: Solid
Analysis Batch: 232027

Client Sample ID: Lab Control Sample Dup
Prep Type: STLC Citrate
Prep Batch: 231954

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			20.0	21.98		mg/L		110	80 - 120	0	20

Lab Sample ID: 570-92569-A-1-I MS
Matrix: Solid
Analysis Batch: 232027

Client Sample ID: Matrix Spike
Prep Type: STLC Citrate
Prep Batch: 231954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	ND		20.0	22.68		mg/L		113	80 - 140		

Lab Sample ID: 570-92569-A-1-J MSD
Matrix: Solid
Analysis Batch: 232027

Client Sample ID: Matrix Spike Duplicate
Prep Type: STLC Citrate
Prep Batch: 231954

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	ND		20.0	22.34		mg/L		112	80 - 140	2	11

QC Association Summary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-2

Metals

Leach Batch: 231143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	STLC Citrate	Solid	CA WET Citrate	
LB 570-231143/1-B	Method Blank	STLC Citrate	Solid	CA WET Citrate	
LCS 570-231143/2-B	Lab Control Sample	STLC Citrate	Solid	CA WET Citrate	
LCSD 570-231143/3-B	Lab Control Sample Dup	STLC Citrate	Solid	CA WET Citrate	
570-92569-A-1-I MS	Matrix Spike	STLC Citrate	Solid	CA WET Citrate	
570-92569-A-1-J MSD	Matrix Spike Duplicate	STLC Citrate	Solid	CA WET Citrate	

Prep Batch: 231954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	STLC Citrate	Solid	Dilution	231143
LB 570-231143/1-B	Method Blank	STLC Citrate	Solid	Dilution	231143
LCS 570-231143/2-B	Lab Control Sample	STLC Citrate	Solid	Dilution	231143
LCSD 570-231143/3-B	Lab Control Sample Dup	STLC Citrate	Solid	Dilution	231143
570-92569-A-1-I MS	Matrix Spike	STLC Citrate	Solid	Dilution	231143
570-92569-A-1-J MSD	Matrix Spike Duplicate	STLC Citrate	Solid	Dilution	231143

Analysis Batch: 232027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-92505-1	SP-1-04142022	STLC Citrate	Solid	6010B	231954
LB 570-231143/1-B	Method Blank	STLC Citrate	Solid	6010B	231954
LCS 570-231143/2-B	Lab Control Sample	STLC Citrate	Solid	6010B	231954
LCSD 570-231143/3-B	Lab Control Sample Dup	STLC Citrate	Solid	6010B	231954
570-92569-A-1-I MS	Matrix Spike	STLC Citrate	Solid	6010B	231954
570-92569-A-1-J MSD	Matrix Spike Duplicate	STLC Citrate	Solid	6010B	231954

Lab Chronicle

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-2
Project/Site: Ellis Avenue Project, Perris CA / 020501

Client Sample ID: SP-1-04142022
Date Collected: 04/14/22 11:40
Date Received: 04/14/22 14:19

Lab Sample ID: 570-92505-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
STLC Citrate	Leach	CA WET Citrate			50.02 g	500 mL	231143	05/03/22 05:10		ECL 4
STLC Citrate	Prep	Dilution			2.5 mL	50 mL	231954	05/05/22 11:01		ECL 4
STLC Citrate	Analysis	6010B		1			232027	05/05/22 13:14	VZ0K	ECL 4
	Instrument ID:	ICP10								

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-2
Project/Site: Ellis Avenue Project, Perris CA / 020501

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-22
Oregon	NELAP	CA300001	01-31-23

Method Summary

Client: Haley & Aldrich, Inc.
Job ID: 570-92505-2
Project/Site: Ellis Avenue Project, Perris CA / 020501

Method	Method Description	Protocol	Laboratory
6010B	Metals (ICP)	SW846	ECL 4
CA WET Citrate	California - Waste Extraction Test with Citrate Leach	CA-WET	ECL 4
Dilution	Preparation / Dilution Process	None	ECL 4

Protocol References:

CA-WET = California Waste Extraction Test, from Title 22

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Haley & Aldrich, Inc.
Project/Site: Ellis Avenue Project, Perris CA / 020501

Job ID: 570-92505-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-92505-1	SP-1-04142022	Solid	04/14/22 11:40	04/14/22 14:19

Patel, Virendra

From: Raithel, Mathew <MRaithel@haleyaldrich.com>
Sent: Friday, April 29, 2022 11:57 AM
To: Patel, Virendra
Subject: RE: Eurofins Calscience report and EDD files from 570-92505-1 Ellis Avenue Project, Perris CA / 020501

EXTERNAL EMAIL*

Hello Virendra,
Please proceed with the **STLC analysis for Arsenic** for sample **SP-1-04142022** on a **72 hour** turn around time.

From: Virendra Patel <Virendra.Patel@et.eurofinsus.com>
Sent: Monday, April 25, 2022 9:55 AM
To: Accounts Payable <AccountsPayable@haleyaldrich.com>; Raithel, Mathew <MRaithel@haleyaldrich.com>; Patel Virendra <Virendra.Patel@et.eurofinsus.com>
Subject: Eurofins Calscience report and EDD files from 570-92505-1 Ellis Avenue Project, Perris CA / 020501

CAUTION: External Email

Hello,

Attached please find the report and EDD files for job 570-92505-1; Ellis Avenue Project, Perris CA / 020501

Please feel free to contact me if you have any questions.

Thank you.

Virendra Patel
Project Manager

Eurofins Calscience
Phone: 714-895-5494
Mobile: 714-887-9901

E-mail: Virendra.Patel@et.eurofinsus.com
www.eurofinsus.com/env

Reference: [570-313555]
Attachments: 2

> > Bank information has changed, please refer to remittance information on invoice. < <

Eurofins Calscience
2841 Dow Ave Suite 100
Tustin CA 92780
Phone (949) 261-1022 Fax (949) 260-3297

Chain of Custody Record

eurofins | Calscience

Client Information	Sampler: Karl Neill	Lab PM: Virendra Patel	Carrier Tracking No(s)	COC No: 440-179973-32609 1
Client Contact: Matt Raithel	Phone: 949-480-7627	E-Mail: KNeill@HaleyAldrich		Page: Page 1 of 1
Company: Haley & Aldrich Inc				Job #: 0205014-1

Address: 5333 Mission Center Rd	Due Date Requested:	Analysis Requested
City: San Diego	TAT Requested (days): Standard	
State Zip: Ca 92108	PO #: Bottle Order # 10530	
Phone	WO #:	
Email: MRaithel@HaleyAldrich.com		
Project Name: Ellis Avenue Project	Project #: 0205014	
Site: 33 acre lot between Ellis Ave & Chase Rd	SSOW#:	

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 VOC	8270 Semi VOC	8082 Polychlorinated biphenyl	8081 Organochlorine pesticide	Title 22 metals 6010/7471											Total Number of containers	Special Instructions/Note:
			Preservation Code:																				
SP-1-04142022	4/14/22	1140	G	Solid	N		X	X	X	X	X											6	
SP-2-04142022		1155	G	S	N		X	X	X	X	X											6	
SP-3-04142022		1210	G	S	N		X	X	X	X	X											6	
SP-4-04142022		1225	G	S	N		X	X	X	X	X											6	

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:

570-92505 Chain of Custody

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

Deliverable Requested I, II III IV Other (specify)

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]	4/14/22	HAS	[signature]	4-14-2022 14:19	ECI
2						
3						

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 2.5/4.2 IR 96

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Haley & Aldrich, Inc.

Job Number: 570-92505-2

Login Number: 92505
List Number: 1
Creator: Cortez Diaz, Antonio

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.	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	