

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG No.: BF062124

Instrument ID: BNA_F Calibration Date/Time: 6/21/2024 11:21

Lab File ID: BF138278.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.602	0.529		-12.126	
Pyridine	1.300	1.228		-5.538	
2-Fluorophenol	1.196	1.142		-4.515	
Benzaldehyde	0.805	0.807		0.248	
Aniline	1.483	1.437		-3.102	
Phenol-d6	1.516	1.423		-6.135	
Phenol	1.539	1.495		-2.859	20.0
bis(2-Chloroethyl) ether	1.231	1.184		-3.818	
2-Chlorophenol	1.293	1.249		-3.403	
1,2-Dichlorobenzene	1.388	1.313		-5.403	
1,3-Dichlorobenzene	1.469	1.393		-5.174	
1,4-Dichlorobenzene	1.478	1.401		-5.21	20.0
Benzyl Alcohol	1.022	1.015		-0.685	
2-Methylphenol	1.020	0.994		-2.549	
2,2-oxybis(1-Chloropropane)	1.738	1.602		-7.825	
Acetophenone	0.457	0.412		-9.847	
3+4-Methylphenols	1.284	1.217		-5.218	
n-Nitroso-di-n-propylamine	0.899	0.850	0.050	-5.451	
Nitrobenzene-d5	0.344	0.332		-3.488	
Hexachloroethane	0.501	0.504		0.599	
Nitrobenzene	0.355	0.336		-5.352	
Isophorone	0.621	0.596		-4.026	
2-Nitrophenol	0.143	0.176		23.077	20.0
2,4-Dimethylphenol	0.217	0.207		-4.608	
bis(2-Chloroethoxy) methane	0.389	0.377		-3.085	
2,4-Dichlorophenol	0.280	0.274		-2.143	20.0
1,2,4-Trichlorobenzene	0.330	0.312		-5.455	
Benzoic acid	0.191	0.225		17.801	
Naphthalene	0.989	0.921		-6.876	
4-Chloroaniline	0.370	0.355		-4.054	
Hexachlorobutadiene	0.193	0.187		-3.109	20.0
Caprolactam	0.084	0.088		4.762	
4-Chloro-3-methylphenol	0.278	0.282		1.439	20.0
2-Methylnaphthalene	0.649	0.616		-5.085	
Hexachlorocyclopentadiene	0.191	0.205	0.050	7.33	
2,4,6-Trichlorophenol	0.366	0.358		-2.186	20.0
2-Fluorobiphenyl	1.258	1.106		-12.083	
2,4,5-Trichlorophenol	0.402	0.402		0.0	
1,1-Biphenyl	1.468	1.341		-8.651	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG No.: BF062124

Instrument ID: BNA_F Calibration Date/Time: 6/21/2024 11:21

Lab File ID: BF138278.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.160	1.068		-7.931	
2-Nitroaniline	0.279	0.296		6.093	
Dimethylphthalate	1.225	1.218		-0.571	
Acenaphthylene	1.626	1.506		-7.38	
2,6-Dinitrotoluene	0.266	0.292		9.774	
3-Nitroaniline	0.284	0.294		3.521	
Acenaphthene	1.109	1.046		-5.681	20.0
2,4-Dinitrophenol	0.104	0.142	0.050	36.538	
4-Nitrophenol	0.224	0.250	0.050	11.607	
Dibenzofuran	1.550	1.446		-6.71	
2,4-Dinitrotoluene	0.328	0.386		17.683	
Diethylphthalate	1.163	1.191		2.408	
4-Chlorophenyl-phenylether	0.607	0.589		-2.965	
Fluorene	1.219	1.120		-8.121	
4-Nitroaniline	0.284	0.288		1.408	
4,6-Dinitro-2-methylphenol	0.090	0.117		30.0	
n-Nitrosodiphenylamine	0.612	0.567		-7.353	20.0
Azobenzene	1.165	1.105		-5.15	
2,4,6-Tribromophenol	0.199	0.206		3.518	
4-Bromophenyl-phenylether	0.225	0.221		-1.778	
Hexachlorobenzene	0.263	0.253		-3.802	
Atrazine	0.174	0.162		-6.897	
Pentachlorophenol	0.153	0.156		1.961	20.0
Phenanthrene	0.989	0.900		-8.999	
Anthracene	0.982	0.896		-8.758	
Carbazole	0.901	0.801		-11.099	
Di-n-butylphthalate	0.932	0.987		5.901	
Fluoranthene	1.009	0.900		-10.803	20.0
Benzidine	0.231	0.370		60.173	
Pyrene	1.725	1.785		3.478	
Terphenyl-d14	1.263	1.327		5.067	
Butylbenzylphthalate	0.469	0.613		30.704	
3,3-Dichlorobenzidine	0.353	0.404		14.448	
Benzo(a)anthracene	1.283	1.213		-5.456	
Chrysene	1.223	1.161		-5.07	
Bis(2-ethylhexyl)phthalate	0.546	0.769		40.842	
Di-n-octyl phthalate	0.811	1.230		51.665	20.0
Benzo(b)fluoranthene	1.179	1.097		-6.955	
Benzo(k)fluoranthene	1.156	1.046		-9.516	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG No.: BF062124
 Instrument ID: BNA_F Calibration Date/Time: 6/21/2024 11:21
 Lab File ID: BF138278.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.013	0.971		-4.146	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.362		4.448	
Dibenzo(a,h)anthracene	1.070	1.125		5.14	
Benzo(g,h,i)perylene	1.107	1.141		3.071	
1,2,4,5-Tetrachlorobenzene	0.584	0.543		-7.021	
1,4-Dioxane	0.547	0.500		-8.592	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.321		2.229	
1-Methylnaphthalene	0.636	0.608		-4.403	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	6/20/2024 12:00:00 AM	
Project:				Date Received:	6/20/2024 12:00:00 AM	
Client Sample ID:	PB161600BL			SDG No.:	BF062124	
Lab Sample ID:	PB161600BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138279.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BL	SDG No.:	BF062124
Lab Sample ID:	PB161600BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138279.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BL	SDG No.:	BF062124
Lab Sample ID:	PB161600BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138279.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.287		18-112		74	SPK: -150
13127-88-3	Phenol-d6	107.508		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	77.143		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	67.692		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BL	SDG No.:	BF062124
Lab Sample ID:	PB161600BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138279.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.967		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	68.707		14-112		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331327	6.881				
1146-65-2	Naphthalene-d8	1302752	8.163				
15067-26-2	Acenaphthene-d10	754427	9.916				
1517-22-2	Phenanthrene-d10	1404777	11.404				
1719-03-5	Chrysene-d12	956115	14.039				
1520-96-3	Perylene-d12	796781	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	72.6	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.128	

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BS	SDG No.:	BF062124
Lab Sample ID:	PB161600BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138280.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.8	270	330	ug/Kg
110-86-1	Pyridine	950		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	920		180	270	330	ug/Kg
62-53-3	Aniline	760		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1300		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	780		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BS	SDG No.:	BF062124
Lab Sample ID:	PB161600BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138280.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81.1	130	170	ug/Kg
Total PAH	Total PAH	23700		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.6	130	170	ug/Kg
86-73-7	Fluorene	1300		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		85	130	170	ug/Kg
1912-24-9	Atrazine	1500		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BS	SDG No.:	BF062124
Lab Sample ID:	PB161600BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138280.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600		77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1300		84	130	170	ug/Kg
120-12-7	Anthracene	1300		84.4	130	170	ug/Kg
86-74-8	Carbazole	1300		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.7	130	170	ug/Kg
92-87-5	Benzidine	220	J	160	270	330	ug/Kg
129-00-0	Pyrene	1400		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.7	130	170	ug/Kg
218-01-9	Chrysene	1400		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	970		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.862		18-112		73	SPK: -150
13127-88-3	Phenol-d6	109.687		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	77.677		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	68.424		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	PB161600BS	SDG No.:	BF062124
Lab Sample ID:	PB161600BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138280.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.36		10-110		81	SPK: -150
1718-51-0	Terphenyl-d14	80.193		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	376697	6.887				
1146-65-2	Naphthalene-d8	1500091	8.169				
15067-26-2	Acenaphthene-d10	834587	9.928				
1517-22-2	Phenanthrene-d10	1459301	11.41				
1719-03-5	Chrysene-d12	766053	14.045				
1520-96-3	Perylene-d12	729682	15.515				

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062124
Lab Sample ID:	P2976-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138281.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55	U	55	170	210	ug/Kg
110-86-1	Pyridine	50.6	U	50.6	82.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.4	U	61.4	82.3	110	ug/Kg
108-95-2	Phenol	52.5	U	52.5	82.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53	U	53	82.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.9	U	52.9	82.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.6	U	53.6	82.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.5	U	54.5	82.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.8	U	54.8	82.3	110	ug/Kg
100-51-6	Benzyl Alcohol	52.6	U	52.6	170	210	ug/Kg
95-48-7	2-Methylphenol	51	U	51	82.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.6	U	57.6	82.3	110	ug/Kg
98-86-2	Acetophenone	55	U	55	82.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.5	U	50.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.5	U	25.5	50.7	50.7	ug/Kg
67-72-1	Hexachloroethane	52.6	U	52.6	82.3	110	ug/Kg
98-95-3	Nitrobenzene	57.5	U	57.5	82.3	110	ug/Kg
78-59-1	Isophorone	53.6	U	53.6	82.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.8	U	59.8	82.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	82.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.3	U	54.3	82.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.8	U	47.8	82.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.1	U	54.1	82.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.3	U	52.3	82.3	110	ug/Kg
106-47-8	4-Chloroaniline	52.3	U	52.3	82.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.7	U	52.7	82.3	110	ug/Kg



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	MH-K-COMP			SDG No.:	BF062124	
Lab Sample ID:	P2976-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	5.4	
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138281.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55	U	55	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.1	U	49.1	82.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.2	U	52.2	82.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.8	U	98.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.2	U	45.2	82.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.9	U	46.9	82.3	110	ug/Kg
92-52-4	1,1-Biphenyl	55.3	U	55.3	82.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.7	U	52.7	82.3	110	ug/Kg
88-74-4	2-Nitroaniline	60.2	U	60.2	82.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.7	U	51.7	82.3	110	ug/Kg
208-96-8	Acenaphthylene	54.8	U	54.8	82.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.7	U	52.7	82.3	110	ug/Kg
99-09-2	3-Nitroaniline	56.5	U	56.5	82.3	110	ug/Kg
83-32-9	Acenaphthene	51.4	U	51.4	82.3	110	ug/Kg
Total PAH	Total PAH	839.1	U	839.1	82.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.5	U	73.5	170	210	ug/Kg
132-64-9	Dibenzofuran	53.4	U	53.4	82.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.6	U	54.6	82.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.3	U	107.3	82.3	220	ug/Kg
84-66-2	Diethylphthalate	50.7	U	50.7	82.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	82.3	110	ug/Kg
86-73-7	Fluorene	54.1	U	54.1	82.3	110	ug/Kg
100-01-6	4-Nitroaniline	67.8	U	67.8	82.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.1	U	74.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.7	U	51.7	82.3	110	ug/Kg
103-33-3	Azobenzene	50.4	U	50.4	82.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	82.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.8	U	53.8	82.3	110	ug/Kg
1912-24-9	Atrazine	57.9	U	57.9	82.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062124
Lab Sample ID:	P2976-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138281.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.9	U	48.9	170	210	ug/Kg
85-01-8	Phenanthrene	53.2	U	53.2	82.3	110	ug/Kg
120-12-7	Anthracene	53.4	U	53.4	82.3	110	ug/Kg
86-74-8	Carbazole	50.8	U	50.8	82.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.4	U	53.4	82.3	110	ug/Kg
206-44-0	Fluoranthene	51.7	U	51.7	82.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.6	U	52.6	82.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.3	U	61.3	82.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.4	U	62.4	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.1	U	51.1	82.3	110	ug/Kg
218-01-9	Chrysene	50.3	U	50.3	82.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.6	U	57.6	82.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.7	U	69.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.4	U	51.4	82.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.3	U	52.3	82.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.9	U	58.9	82.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.5	U	49.5	82.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.4	U	51.4	82.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.7	U	50.7	82.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	82.3	110	ug/Kg
123-91-1	1,4-Dioxane	69.7	U	69.7	82.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.3	U	47.3	82.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.7	U	52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	108.12		18-112		72	SPK: -150
13127-88-3	Phenol-d6	103.683		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	73.931		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	72.432		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062124
Lab Sample ID:	P2976-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138281.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.935		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	65.552		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265031	6.881				
1146-65-2	Naphthalene-d8	1009276	8.163				
15067-26-2	Acenaphthene-d10	526400	9.916				
1517-22-2	Phenanthrene-d10	778741	11.404				
1719-03-5	Chrysene-d12	496395	14.039				
1520-96-3	Perylene-d12	531446	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	86.1	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	45.6	J			8.475	
000057-10-3	n-Hexadecanoic acid	120	J			11.928	
000629-94-7	Heneicosane	86.3	J			12.028	
000057-11-4	Octadecanoic acid	49.2	J			12.71	
000646-31-1	Tetracosane	180	J			12.839	
000630-01-3	Hexacosane	170	J			13.475	
000629-62-9	Pentadecane	100	J			13.88	
055282-14-9	Docosane, 9-butyl-	220	J			14.198	
000629-78-7	Heptadecane	84.9	J			14.457	
000638-67-5	Tricosane	350	J			14.51	
000112-95-8	Eicosane	410	J			14.821	
000593-45-3	Octadecane	87.8	J			14.898	
000629-92-5	Nonadecane	420	J			15.163	
000629-93-6	Octadecane, 1-iodo-	70.5	J			15.392	
054833-23-7	Eicosane, 10-methyl-	280	J			15.992	
001560-98-1	Octacosane, 2-methyl-	170	J			16.504	
000629-99-2	Pentacosane	100	J			17.11	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMP	SDG No.:	BF062124
Lab Sample ID:	P2976-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138281.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007098-22-8	Tetratetracontane	63.1	J			17.827	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMPMS	SDG No.:	BF062124
Lab Sample ID:	P2976-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138282.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	940		55	170	210	ug/Kg
110-86-1	Pyridine	850		50.6	82.4	110	ug/Kg
100-52-7	Benzaldehyde	410		120	170	210	ug/Kg
62-53-3	Aniline	800		61.4	82.4	110	ug/Kg
108-95-2	Phenol	990		52.5	82.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	980		53.1	82.4	110	ug/Kg
95-57-8	2-Chlorophenol	1000		52.9	82.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	940		53.6	82.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	910		54.5	82.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	920		54.8	82.4	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		52.6	170	210	ug/Kg
95-48-7	2-Methylphenol	990		51.1	82.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		57.6	82.4	110	ug/Kg
98-86-2	Acetophenone	850		55.1	82.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	910		50.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		25.5	50.7	50.7	ug/Kg
67-72-1	Hexachloroethane	960		52.6	82.4	110	ug/Kg
98-95-3	Nitrobenzene	930		57.6	82.4	110	ug/Kg
78-59-1	Isophorone	990		53.6	82.4	110	ug/Kg
88-75-5	2-Nitrophenol	1300		59.9	82.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		59.1	82.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	990		54.4	82.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	980		47.9	82.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		54.1	82.4	110	ug/Kg
65-85-0	Benzoic acid	870		150	170	210	ug/Kg
91-20-3	Naphthalene	910		52.4	82.4	110	ug/Kg
106-47-8	4-Chloroaniline	330		52.4	82.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	910		52.8	82.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMPMS	SDG No.:	BF062124
Lab Sample ID:	P2976-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138282.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	920		55	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		49.1	82.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	920		52.3	82.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	98.9	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		45.3	82.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		46.9	82.4	110	ug/Kg
92-52-4	1,1-Biphenyl	900		55.4	82.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	950		52.8	82.4	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.2	82.4	110	ug/Kg
131-11-3	Dimethylphthalate	1100		51.8	82.4	110	ug/Kg
208-96-8	Acenaphthylene	1000		54.8	82.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		52.7	82.4	110	ug/Kg
99-09-2	3-Nitroaniline	680		56.5	82.4	110	ug/Kg
83-32-9	Acenaphthene	960		51.4	82.4	110	ug/Kg
Total PAH	Total PAH	14680		840	82.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1600		73.5	170	210	ug/Kg
132-64-9	Dibenzofuran	930		53.5	82.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		107.3	82.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		54.6	82.4	110	ug/Kg
84-66-2	Diethylphthalate	1000		50.8	82.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	930		54.3	82.4	110	ug/Kg
86-73-7	Fluorene	880		54.2	82.4	110	ug/Kg
100-01-6	4-Nitroaniline	840		67.8	82.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	980		74.2	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51.7	82.4	110	ug/Kg
103-33-3	Azobenzene	940		50.5	82.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		50	82.4	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		53.9	82.4	110	ug/Kg
1912-24-9	Atrazine	1100		57.9	82.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMPMS	SDG No.:	BF062124
Lab Sample ID:	P2976-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138282.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		49	170	210	ug/Kg
85-01-8	Phenanthrene	970		53.2	82.4	110	ug/Kg
120-12-7	Anthracene	980		53.5	82.4	110	ug/Kg
86-74-8	Carbazole	880		50.9	82.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		53.4	82.4	110	ug/Kg
206-44-0	Fluoranthene	820		51.8	82.4	110	ug/Kg
92-87-5	Benzidine	1600		100	170	210	ug/Kg
129-00-0	Pyrene	790		52.6	82.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	1200		61.4	82.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	870		62.5	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1000		51.2	82.4	110	ug/Kg
218-01-9	Chrysene	1000		50.4	82.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		57.7	82.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	E	69.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		51.4	82.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		52.4	82.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		58.9	82.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	800		49.5	82.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790		51.5	82.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		50.8	82.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	920		55	82.4	110	ug/Kg
123-91-1	1,4-Dioxane	790		69.7	82.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	930		47.4	82.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	860		52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.611		18-112		68	SPK: -150
13127-88-3	Phenol-d6	103.015		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	72.484		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	69.387		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMPMS	SDG No.:	BF062124
Lab Sample ID:	P2976-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138282.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.61		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	63.383		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300251	6.886				
1146-65-2	Naphthalene-d8	1162793	8.169				
15067-26-2	Acenaphthene-d10	596405	9.922				
1517-22-2	Phenanthrene-d10	870891	11.404				
1719-03-5	Chrysene-d12	537295	14.045				
1520-96-3	Perylene-d12	598069	15.515				



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	MH-K-COMPMSD			SDG No.:	BF062124	
Lab Sample ID:	P2976-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	5.4	
Sample Wt/Vol:	50.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138283.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	990		55	170	210	ug/Kg
110-86-1	Pyridine	910		50.6	82.4	110	ug/Kg
100-52-7	Benzaldehyde	430		120	170	210	ug/Kg
62-53-3	Aniline	840		61.4	82.4	110	ug/Kg
108-95-2	Phenol	1100		52.5	82.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		53	82.4	110	ug/Kg
95-57-8	2-Chlorophenol	1100		52.9	82.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	990		53.6	82.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	960		54.5	82.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	960		54.8	82.4	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		52.6	170	210	ug/Kg
95-48-7	2-Methylphenol	1100		51.1	82.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		57.6	82.4	110	ug/Kg
98-86-2	Acetophenone	900		55.1	82.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	980		50.6	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		25.5	50.7	50.7	ug/Kg
67-72-1	Hexachloroethane	1000		52.6	82.4	110	ug/Kg
98-95-3	Nitrobenzene	980		57.5	82.4	110	ug/Kg
78-59-1	Isophorone	1000		53.6	82.4	110	ug/Kg
88-75-5	2-Nitrophenol	1300		59.9	82.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		59.1	82.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		54.4	82.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		47.8	82.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		54.1	82.4	110	ug/Kg
65-85-0	Benzoic acid	960		150	170	210	ug/Kg
91-20-3	Naphthalene	950		52.3	82.4	110	ug/Kg
106-47-8	4-Chloroaniline	380		52.3	82.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	960		52.8	82.4	110	ug/Kg



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	MH-K-COMPMSD			SDG No.:	BF062124	
Lab Sample ID:	P2976-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	5.4	
Sample Wt/Vol:	50.05	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138283.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		55	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49.1	82.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		52.3	82.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	98.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.2	82.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		46.9	82.4	110	ug/Kg
92-52-4	1,1-Biphenyl	940		55.4	82.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		52.8	82.4	110	ug/Kg
88-74-4	2-Nitroaniline	1200		60.2	82.4	110	ug/Kg
131-11-3	Dimethylphthalate	1100		51.8	82.4	110	ug/Kg
208-96-8	Acenaphthylene	1100		54.8	82.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		52.7	82.4	110	ug/Kg
99-09-2	3-Nitroaniline	730		56.5	82.4	110	ug/Kg
83-32-9	Acenaphthene	1000		51.4	82.4	110	ug/Kg
Total PAH	Total PAH	15690		839.6	82.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1800	E	73.5	170	210	ug/Kg
132-64-9	Dibenzofuran	1000		53.5	82.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		107.3	82.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		54.6	82.4	110	ug/Kg
84-66-2	Diethylphthalate	1100		50.8	82.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		54.2	82.4	110	ug/Kg
86-73-7	Fluorene	940		54.2	82.4	110	ug/Kg
100-01-6	4-Nitroaniline	940		67.8	82.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		74.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		51.7	82.4	110	ug/Kg
103-33-3	Azobenzene	1000		50.4	82.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		50	82.4	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		53.9	82.4	110	ug/Kg
1912-24-9	Atrazine	1200		57.9	82.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMPMSD	SDG No.:	BF062124
Lab Sample ID:	P2976-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138283.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1600		49	170	210	ug/Kg
85-01-8	Phenanthrene	1000		53.2	82.4	110	ug/Kg
120-12-7	Anthracene	1000		53.5	82.4	110	ug/Kg
86-74-8	Carbazole	930		50.9	82.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		53.4	82.4	110	ug/Kg
206-44-0	Fluoranthene	880		51.8	82.4	110	ug/Kg
92-87-5	Benzidine	1900	E	100	170	210	ug/Kg
129-00-0	Pyrene	880		52.6	82.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		61.3	82.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		62.5	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		51.1	82.4	110	ug/Kg
218-01-9	Chrysene	1100		50.4	82.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		57.7	82.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1900	E	69.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		51.4	82.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52.3	82.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		58.9	82.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	850		49.5	82.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	860		51.4	82.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		50.8	82.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		55	82.4	110	ug/Kg
123-91-1	1,4-Dioxane	820		69.7	82.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		47.3	82.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	930		52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.038		18-112		73	SPK: -150
13127-88-3	Phenol-d6	109.493		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	76.687		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	73.245		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	MH-K-COMPMSD	SDG No.:	BF062124
Lab Sample ID:	P2976-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138283.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.592		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	69.833		14-112		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	280231	6.886				
1146-65-2	Naphthalene-d8	1091978	8.169				
15067-26-2	Acenaphthene-d10	573558	9.922				
1517-22-2	Phenanthrene-d10	870123	11.404				
1719-03-5	Chrysene-d12	507619	14.045				
1520-96-3	Perylene-d12	579078	15.515				

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-A3			SDG No.:	BF062124		
Lab Sample ID:	P2977-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	16.6		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138284.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	400	ug/Kg
110-86-1	Pyridine	95.6	U	95.6	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.2	U	99.2	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	99.4	U	99.4	320	400	ug/Kg
95-48-7	2-Methylphenol	96.5	U	96.5	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	95.5	U	95.5	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.2	U	48.2	95.8	95.8	ug/Kg
67-72-1	Hexachloroethane	99.4	U	99.4	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.4	U	90.4	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	400	ug/Kg
91-20-3	Naphthalene	98.9	U	98.9	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.9	U	98.9	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.7	U	99.7	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A3	SDG No.:	BF062124
Lab Sample ID:	P2977-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138284.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.8	U	92.8	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.8	U	98.8	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.5	U	85.5	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.6	U	88.6	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.7	U	99.7	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.8	U	97.8	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.6	U	99.6	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.1	U	97.1	160	200	ug/Kg
Total PAH	Total PAH	1577.6	U	1577.6	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.6	U	199.6	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	95.9	U	95.9	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.7	U	97.7	160	200	ug/Kg
103-33-3	Azobenzene	95.3	U	95.3	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.4	U	94.4	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A3	SDG No.:	BF062124
Lab Sample ID:	P2977-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138284.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.5	U	92.5	320	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.1	U	96.1	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	97.8	U	97.8	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	99.4	U	99.4	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	96.6	U	96.6	160	200	ug/Kg
218-01-9	Chrysene	95.2	U	95.2	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.1	U	97.1	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98.9	U	98.9	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93.5	U	93.5	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.2	U	97.2	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.9	U	95.9	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.4	U	89.4	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.6	U	99.6	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.725		18-112		51	SPK: -150
13127-88-3	Phenol-d6	74.948		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.863		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	54.399		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A3	SDG No.:	BF062124
Lab Sample ID:	P2977-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138284.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.804		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	43.595		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278531	6.881				
1146-65-2	Naphthalene-d8	1064034	8.163				
15067-26-2	Acenaphthene-d10	554179	9.916				
1517-22-2	Phenanthrene-d10	757800	11.404				
1719-03-5	Chrysene-d12	518327	14.039				
1520-96-3	Perylene-d12	533092	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.098	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	440	J			6.163	
018172-67-3	Bicyclo[3.1.1]heptane, 6,6-dimethy	280	J			6.586	
002548-87-0	2-Octenal, (E)-	170	J			7.186	
000629-50-5	Tridecane	480	J			8.751	
000091-64-5	Coumarin	91	J			9.669	
000057-10-3	n-Hexadecanoic acid	280	J			11.927	
000295-65-8	Cyclohexadecane	160	J			13.91	
074339-54-1	Trichloroacetic acid, hexadecyl es	92.6	J			14.562	
002035-15-6	(6aR,12aR)-6a,12a-Dihydro-6H-[1,3]	120	J			14.698	
000111-02-4	Squalene	250	J			14.898	
000638-66-4	Octadecanal	710	J			14.968	
000629-92-5	Nonadecane	250	J			15.162	
010192-32-2	1-Tetracosene	1700	J			15.198	
014811-95-1	1,19-Eicosadiene	410	J			15.756	
000629-94-7	Heneicosane	280	J			15.992	
002004-39-9	1-Heptacosanol	850	J			16.062	
000057-88-5	Cholesterol	95.4	J			16.445	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A3	SDG No.:	BF062124
Lab Sample ID:	P2977-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138284.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
007390-81-0	Oxirane, hexadecyl-	190	J			16.803	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-A4			SDG No.:	BF062124		
Lab Sample ID:	P2977-04			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	18.5		
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138285.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	98	U	98	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.9	U	98.9	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.9	U	97.9	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.4	U	49.4	98.1	98.1	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.6	U	92.6	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A4	SDG No.:	BF062124
Lab Sample ID:	P2977-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138285.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.1	U	95.1	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.6	U	87.6	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.8	U	90.8	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.5	U	99.5	160	210	ug/Kg
Total PAH	Total PAH	1609.1	U	1609.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	98.2	U	98.2	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	97.6	U	97.6	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.8	U	96.8	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A4	SDG No.:	BF062124
Lab Sample ID:	P2977-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138285.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.8	U	94.8	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.5	U	98.5	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	99	U	99	160	210	ug/Kg
218-01-9	Chrysene	97.5	U	97.5	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.5	U	99.5	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.8	U	95.8	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.6	U	99.6	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98.2	U	98.2	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.6	U	91.6	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.536		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.977		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	48.906		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	50.8		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A4	SDG No.:	BF062124
Lab Sample ID:	P2977-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138285.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.374		10-110		41	SPK: -150
1718-51-0	Terphenyl-d14	41.205		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	291323	6.881				
1146-65-2	Naphthalene-d8	1119729	8.163				
15067-26-2	Acenaphthene-d10	576787	9.916				
1517-22-2	Phenanthrene-d10	792021	11.404				
1719-03-5	Chrysene-d12	527622	14.039				
1520-96-3	Perylene-d12	540425	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.098	
000057-10-3	n-Hexadecanoic acid	160	J			11.928	
015594-90-8	1-Heneicosanol	240	J			13.892	
000638-66-4	Octadecanal	190	J			14.968	
000629-92-5	Nonadecane	88.3	J			15.163	
002004-39-9	1-Heptacosanol	130	J			15.216	
007390-81-0	Oxirane, hexadecyl-	130	J			15.757	
000630-01-3	Hexacosane	100	J			15.992	
081654-73-1	D-Friedoolean-14-en-3-ol	790	J			17.18	
000465-02-1	Germanicol	410	J			17.351	
001617-70-5	Lup-20(29)-en-3-one	310	J			18.174	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A5	SDG No.:	BF062124
Lab Sample ID:	P2977-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138286.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	93.5	U	93.5	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97	U	97	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.9	U	97.9	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.7	U	97.7	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99	U	99	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.1	U	97.1	320	390	ug/Kg
95-48-7	2-Methylphenol	94.3	U	94.3	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.4	U	93.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.2	U	47.2	93.6	93.6	ug/Kg
67-72-1	Hexachloroethane	97.1	U	97.1	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99	U	99	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.3	U	88.3	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.9	U	99.9	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.6	U	96.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.6	U	96.6	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.5	U	97.5	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A5	SDG No.:	BF062124
Lab Sample ID:	P2977-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138286.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.7	U	90.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.5	U	96.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.5	U	83.5	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.6	U	86.6	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.5	U	97.5	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.6	U	95.6	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.3	U	97.3	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.9	U	94.9	150	200	ug/Kg
Total PAH	Total PAH	1550.2	U	1550.2	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	98.7	U	98.7	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.3	U	197.3	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.7	U	93.7	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.5	U	95.5	150	200	ug/Kg
103-33-3	Azobenzene	93.1	U	93.1	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.3	U	92.3	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.4	U	99.4	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A5	SDG No.:	BF062124
Lab Sample ID:	P2977-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138286.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.4	U	90.4	320	390	ug/Kg
85-01-8	Phenanthrene	98.3	U	98.3	150	200	ug/Kg
120-12-7	Anthracene	98.7	U	98.7	150	200	ug/Kg
86-74-8	Carbazole	94	U	94	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.6	U	98.6	150	200	ug/Kg
206-44-0	Fluoranthene	95.6	U	95.6	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	97.1	U	97.1	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	94.4	U	94.4	150	200	ug/Kg
218-01-9	Chrysene	93	U	93	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.9	U	94.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.6	U	96.6	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.4	U	91.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95	U	95	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.7	U	93.7	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.4	U	87.4	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.3	U	97.3	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	54.768		18-112		37	SPK: -150
13127-88-3	Phenol-d6	53.609		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	36.977		18-107		37	SPK: -100
321-60-8	2-Fluorobiphenyl	39.881		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A5	SDG No.:	BF062124
Lab Sample ID:	P2977-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138286.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	45.469		10-110		30	SPK: -150
1718-51-0	Terphenyl-d14	32.069		14-112		32	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	281501	6.881				
1146-65-2	Naphthalene-d8	1075432	8.163				
15067-26-2	Acenaphthene-d10	552301	9.916				
1517-22-2	Phenanthrene-d10	751141	11.404				
1719-03-5	Chrysene-d12	522579	14.039				
1520-96-3	Perylene-d12	511921	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	92	A			5.093	
000057-10-3	n-Hexadecanoic acid	95.9	J			11.927	
000112-95-8	Eicosane	130	J			13.892	
014811-95-1	1,19-Eicosadiene	130	J			14.968	
002004-39-9	1-Heptacosanol	78.4	J			15.215	
005353-25-3	Ethanol, 2-(9-octadecenyl)-, (Z)	78.8	J			15.751	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-B2			SDG No.:	BF062124		
Lab Sample ID:	P2977-08			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	17.4		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138287.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	330	400	ug/Kg
110-86-1	Pyridine	96.6	U	96.6	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.5	U	97.5	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.5	U	96.5	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.7	U	48.7	96.8	96.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.3	U	91.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.9	U	99.9	160	210	ug/Kg
106-47-8	4-Chloroaniline	99.9	U	99.9	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B2	SDG No.:	BF062124
Lab Sample ID:	P2977-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138287.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.7	U	93.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.8	U	99.8	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.4	U	86.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.5	U	89.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.8	U	98.8	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.1	U	98.1	160	210	ug/Kg
Total PAH	Total PAH	1588.2	U	1588.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	96.9	U	96.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.7	U	98.7	160	210	ug/Kg
103-33-3	Azobenzene	96.3	U	96.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.4	U	95.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B2	SDG No.:	BF062124
Lab Sample ID:	P2977-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138287.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.5	U	93.5	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.1	U	97.1	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	98.8	U	98.8	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.6	U	97.6	160	210	ug/Kg
218-01-9	Chrysene	96.2	U	96.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.1	U	98.1	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.9	U	99.9	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.5	U	94.5	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.2	U	98.2	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.9	U	96.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.3	U	90.3	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.634		18-112		50	SPK: -150
13127-88-3	Phenol-d6	71.853		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	50.647		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	51.337		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B2	SDG No.:	BF062124
Lab Sample ID:	P2977-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138287.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.892		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	43.275		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300830	6.881				
1146-65-2	Naphthalene-d8	1156385	8.163				
15067-26-2	Acenaphthene-d10	598491	9.916				
1517-22-2	Phenanthrene-d10	824446	11.404				
1719-03-5	Chrysene-d12	554694	14.039				
1520-96-3	Perylene-d12	531474	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.104	
000057-10-3	n-Hexadecanoic acid	170	J			11.927	
1000406-04-8	Pentadecafluorooctanoic acid, octa	220	J			13.892	
067860-04-2	Oxirane, heptadecyl-	240	J			14.968	
000629-92-5	Nonadecane	100	J			15.162	
000297-03-0	Cyclotetracosane	430	J			15.204	
072934-02-2	Tricosanal	130	J			15.757	
001560-98-1	Octacosane, 2-methyl-	150	J			15.992	
007390-81-0	Oxirane, hexadecyl-	83	J			16.804	
124957-09-1	2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	510	J			17.18	
000465-02-1	Germanicol	240	J			17.351	
	unknown18.174	91.5	J			18.174	
001616-93-9	Olean-12-en-3-ol, acetate, (3.beta	160	J			18.686	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B3	SDG No.:	BF062124
Lab Sample ID:	P2977-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138288.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.3	U	98.3	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	99.1	U	99.1	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98.1	U	98.1	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.6	U	49.6	98.4	98.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.8	U	92.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B3	SDG No.:	BF062124
Lab Sample ID:	P2977-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138288.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.3	U	95.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.8	U	87.8	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91	U	91	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.7	U	99.7	160	210	ug/Kg
Total PAH	Total PAH	1620.8	U	1620.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	98.5	U	98.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	97.9	U	97.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97	U	97	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B3	SDG No.:	BF062124
Lab Sample ID:	P2977-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138288.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.1	U	95.1	330	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.8	U	98.8	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	99.2	U	99.2	160	210	ug/Kg
218-01-9	Chrysene	97.8	U	97.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.7	U	99.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96	U	96	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.9	U	99.9	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98.5	U	98.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.9	U	91.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.115		18-112		38	SPK: -150
13127-88-3	Phenol-d6	54.546		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	37.927		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	34.733		20-109		35	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B3	SDG No.:	BF062124
Lab Sample ID:	P2977-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138288.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	39.51		10-110		26	SPK: -150
1718-51-0	Terphenyl-d14	30.858		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	277688	6.881				
1146-65-2	Naphthalene-d8	1050743	8.163				
15067-26-2	Acenaphthene-d10	543633	9.916				
1517-22-2	Phenanthrene-d10	761669	11.404				
1719-03-5	Chrysene-d12	502613	14.039				
1520-96-3	Perylene-d12	505222	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.099	
002425-77-6	1-Decanol, 2-hexyl-	92.2	J			13.892	
001235-39-8	1-Naphthalenecarboxylic acid, deca	120	J			17.174	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-B4			SDG No.:	BF062124		
Lab Sample ID:	P2977-10			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	15.6		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138289.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.5	U	94.5	150	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	98.1	U	98.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99	U	99	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.8	U	98.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98.2	U	98.2	320	390	ug/Kg
95-48-7	2-Methylphenol	95.4	U	95.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	94.4	U	94.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.7	U	47.7	94.7	94.7	ug/Kg
67-72-1	Hexachloroethane	98.2	U	98.2	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	100	U	100	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.3	U	89.3	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.7	U	97.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.7	U	97.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.6	U	98.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B4	SDG No.:	BF062124
Lab Sample ID:	P2977-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138289.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.7	U	91.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.6	U	97.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.5	U	84.5	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.6	U	87.6	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.6	U	98.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.7	U	96.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.4	U	98.4	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	96	U	96	150	200	ug/Kg
Total PAH	Total PAH	1564.5	U	1564.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.9	U	99.9	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.4	U	198.4	150	400	ug/Kg
84-66-2	Diethylphthalate	94.8	U	94.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.6	U	96.6	150	200	ug/Kg
103-33-3	Azobenzene	94.2	U	94.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.4	U	93.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B4	SDG No.:	BF062124
Lab Sample ID:	P2977-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138289.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.5	U	91.5	320	390	ug/Kg
85-01-8	Phenanthrene	99.4	U	99.4	150	200	ug/Kg
120-12-7	Anthracene	99.9	U	99.9	150	200	ug/Kg
86-74-8	Carbazole	95	U	95	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.7	U	99.7	150	200	ug/Kg
206-44-0	Fluoranthene	96.7	U	96.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	98.2	U	98.2	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95.5	U	95.5	150	200	ug/Kg
218-01-9	Chrysene	94.1	U	94.1	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	96	U	96	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.7	U	97.7	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.4	U	92.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.1	U	96.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.8	U	94.8	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.4	U	88.4	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.4	U	98.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.06		18-112		49	SPK: -150
13127-88-3	Phenol-d6	69.798		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	49.358		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	49.772		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B4	SDG No.:	BF062124
Lab Sample ID:	P2977-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138289.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.137		10-110		41	SPK: -150
1718-51-0	Terphenyl-d14	39.482		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	288808	6.881				
1146-65-2	Naphthalene-d8	1086340	8.163				
15067-26-2	Acenaphthene-d10	555455	9.916				
1517-22-2	Phenanthrene-d10	774809	11.404				
1719-03-5	Chrysene-d12	543904	14.039				
1520-96-3	Perylene-d12	572527	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.104	
000057-10-3	n-Hexadecanoic acid	130	J			11.928	
1000351-89-1	Octatriacontyl pentafluoropropiona	140	J			13.892	
007683-64-9	Supraene	120	J			14.898	
067860-04-2	Oxirane, heptadecyl-	130	J			14.969	
000593-45-3	Octadecane	100	J			15.163	
015594-90-8	1-Heneicosanol	200	J			15.216	
007390-81-0	Oxirane, hexadecyl-	110	J			15.757	
1000406-32-4	Dotriacontane, 1-iodo-	100	J			15.992	
002004-39-9	1-Heptacosanol	110	J			16.08	
	unknown16.139	120	J			16.139	
002400-66-0	Eicosanal-	94.7	J			16.804	
000489-83-8	Guaia-3,9-diene	310	J			17.18	
000465-02-1	Germanicol	270	J			17.351	
000638-96-0	.alpha.-Amyrone	150	J			18.174	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-B6			SDG No.:	BF062124		
Lab Sample ID:	P2977-12			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	18.2		
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138290.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.5	U	97.5	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.3	U	98.3	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.4	U	97.4	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.2	U	49.2	97.6	97.6	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.1	U	92.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B6	SDG No.:	BF062124
Lab Sample ID:	P2977-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138290.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.6	U	94.6	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.1	U	87.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.3	U	90.3	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.7	U	99.7	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.9	U	98.9	160	210	ug/Kg
Total PAH	Total PAH	1605.1	U	1605.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	97.7	U	97.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.6	U	99.6	160	210	ug/Kg
103-33-3	Azobenzene	97.1	U	97.1	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.3	U	96.3	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B6	SDG No.:	BF062124
Lab Sample ID:	P2977-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138290.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.3	U	94.3	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98	U	98	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99.7	U	99.7	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.5	U	98.5	160	210	ug/Kg
218-01-9	Chrysene	97	U	97	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.9	U	98.9	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.3	U	95.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.1	U	99.1	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.7	U	97.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.1	U	91.1	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	56.44		18-112		38	SPK: -150
13127-88-3	Phenol-d6	54.214		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	37.978		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	34.645		20-109		35	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B6	SDG No.:	BF062124
Lab Sample ID:	P2977-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138290.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	39.153		10-110		26	SPK: -150
1718-51-0	Terphenyl-d14	31.468		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294017	6.881				
1146-65-2	Naphthalene-d8	1116182	8.163				
15067-26-2	Acenaphthene-d10	572127	9.916				
1517-22-2	Phenanthrene-d10	784501	11.404				
1719-03-5	Chrysene-d12	539167	14.039				
1520-96-3	Perylene-d12	536463	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.098	
	unknown10.016	280	J			10.016	
000295-48-7	Cyclopentadecane	140	J			13.892	
1000163-04-7	Docosa-2,6,10,14,18-pentaen-22-al,	87.8	J			14.898	
1010140-07-7	1,4-Dimethyl-8-isopropylidenetricy	190	J			17.174	
000465-02-1	Germanicol	130	J			17.351	
172549-29-0	(2Z,4E)-3,7,11-Trimethyl-2,4,10-do	120	J			18.174	
001616-93-9	Olean-12-en-3-ol, acetate, (3.beta	270	J			18.692	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-C2			SDG No.:	BF062124		
Lab Sample ID:	P2977-14			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	17.5		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138291.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	96.7	U	96.7	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.6	U	97.6	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.6	U	96.6	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.8	U	48.8	96.8	96.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.4	U	91.4	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C2	SDG No.:	BF062124
Lab Sample ID:	P2977-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138291.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.8	U	93.8	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.9	U	99.9	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.4	U	86.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.6	U	89.6	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.9	U	98.9	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.2	U	98.2	160	210	ug/Kg
Total PAH	Total PAH	1589	U	1589	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	97	U	97	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.8	U	98.8	160	210	ug/Kg
103-33-3	Azobenzene	96.4	U	96.4	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.5	U	95.5	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C2	SDG No.:	BF062124
Lab Sample ID:	P2977-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138291.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.6	U	93.6	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.2	U	97.2	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	98.9	U	98.9	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.7	U	97.7	160	210	ug/Kg
218-01-9	Chrysene	96.2	U	96.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.2	U	98.2	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.5	U	94.5	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.3	U	98.3	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97	U	97	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.4	U	90.4	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.632		18-112		52	SPK: -150
13127-88-3	Phenol-d6	73.866		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	52.239		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	54.223		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C2	SDG No.:	BF062124
Lab Sample ID:	P2977-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138291.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.955		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	42.624		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290407	6.881				
1146-65-2	Naphthalene-d8	1105150	8.163				
15067-26-2	Acenaphthene-d10	555348	9.916				
1517-22-2	Phenanthrene-d10	744877	11.404				
1719-03-5	Chrysene-d12	554798	14.039				
1520-96-3	Perylene-d12	538719	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.181	
004254-15-3	(S)-(+)-1,2-Propanediol	260	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.098	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	190	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	180	J			8.475	
	unknown10.022	2700	J			10.022	
000057-10-3	n-Hexadecanoic acid	610	J			11.933	
000057-11-4	Octadecanoic acid	280	J			12.716	
1000141-67-3	3-Heptadecene, (Z)-	210	J			13.886	
007390-81-0	Oxirane, hexadecyl-	280	J			14.969	
000629-92-5	Nonadecane	110	J			15.163	
000297-03-0	Cyclotetracosane	490	J			15.198	
067860-04-2	Oxirane, heptadecyl-	150	J			15.751	
000112-95-8	Eicosane	120	J			15.992	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	710	J			17.18	
000465-02-1	Germanicol	370	J			17.351	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-C3			SDG No.:	BF062124		
Lab Sample ID:	P2977-15			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	18.6		
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138292.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.9	U	97.9	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.7	U	98.7	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.7	U	97.7	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.4	U	49.4	98	98	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.5	U	92.5	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C3	SDG No.:	BF062124
Lab Sample ID:	P2977-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138292.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.9	U	94.9	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.5	U	87.5	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.6	U	90.6	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.3	U	99.3	160	210	ug/Kg
Total PAH	Total PAH	1608.1	U	1608.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	98.1	U	98.1	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.9	U	99.9	160	210	ug/Kg
103-33-3	Azobenzene	97.5	U	97.5	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.6	U	96.6	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C3	SDG No.:	BF062124
Lab Sample ID:	P2977-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138292.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.7	U	94.7	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.4	U	98.4	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.8	U	98.8	160	210	ug/Kg
218-01-9	Chrysene	97.4	U	97.4	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.3	U	99.3	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.7	U	95.7	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.5	U	99.5	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98.1	U	98.1	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.5	U	91.5	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.03		18-112		49	SPK: -150
13127-88-3	Phenol-d6	69.871		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	50.22		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	51.654		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C3	SDG No.:	BF062124
Lab Sample ID:	P2977-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138292.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.963		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	43.451		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	283575	6.881				
1146-65-2	Naphthalene-d8	1056479	8.163				
15067-26-2	Acenaphthene-d10	532152	9.916				
1517-22-2	Phenanthrene-d10	763934	11.404				
1719-03-5	Chrysene-d12	511388	14.039				
1520-96-3	Perylene-d12	528161	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.181	
000067-63-0	Isopropyl Alcohol	240	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.099	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	140	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	170	J			8.475	
	unknown10.010	190	J			10.01	
000057-10-3	n-Hexadecanoic acid	280	J			11.928	
1010351-81-4	Dotriacontyl pentafluoropropionate	180	J			13.886	
067860-04-2	Oxirane, heptadecyl-	490	J			14.969	
000629-92-5	Nonadecane	120	J			15.163	
000297-03-0	Cyclotetracosane	930	J			15.192	
000638-66-4	Octadecanal	170	J			15.757	
000112-95-8	Eicosane	170	J			15.992	
079392-43-1	Octadecyl trifluoroacetate	98	J			16.069	
000057-88-5	Cholesterol	260	J			16.421	
007390-81-0	Oxirane, hexadecyl-	110	J			16.804	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	490	J			17.18	
000465-02-1	Germanicol	440	J			17.351	
000638-96-0	.alpha.-Amyrone	220	J			18.174	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C3	SDG No.:	BF062124
Lab Sample ID:	P2977-15	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138292.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-C5			SDG No.:	BF062124		
Lab Sample ID:	P2977-17			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	19.7		
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138293.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.2	U	99.2	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.1	U	99.1	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.1	U	50.1	99.4	99.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	93.8	U	93.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C5	SDG No.:	BF062124
Lab Sample ID:	P2977-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138293.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.3	U	96.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.7	U	88.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	91.9	U	91.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1635.2	U	1635.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	340	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	99.5	U	99.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	98.9	U	98.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98	U	98	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C5	SDG No.:	BF062124
Lab Sample ID:	P2977-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138293.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96	U	96	340	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	99.7	U	99.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	210	ug/Kg
218-01-9	Chrysene	98.7	U	98.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97	U	97	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99.5	U	99.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.8	U	92.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.814		18-112		47	SPK: -150
13127-88-3	Phenol-d6	68.478		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	47.781		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	49.612		20-109		50	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C5	SDG No.:	BF062124
Lab Sample ID:	P2977-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138293.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.198		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	39.403		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292089	6.881				
1146-65-2	Naphthalene-d8	1118663	8.163				
15067-26-2	Acenaphthene-d10	561386	9.916				
1517-22-2	Phenanthrene-d10	752583	11.404				
1719-03-5	Chrysene-d12	537549	14.039				
1520-96-3	Perylene-d12	512502	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.181	
000057-55-6	Propylene Glycol	210	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.098	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	160	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	160	J			8.475	
	unknown10.022	2400	J			10.022	
000057-10-3	n-Hexadecanoic acid	240	J			11.927	
003452-07-1	1-Eicosene	210	J			13.886	
026627-85-0	Hexacosanal	480	J			14.968	
000629-92-5	Nonadecane	130	J			15.163	
010192-32-2	1-Tetracosene	840	J			15.192	
007390-81-0	Oxirane, hexadecyl-	190	J			15.751	
000630-02-4	Octacosane	170	J			15.992	
018435-45-5	1-Nonadecene	120	J			16.068	
000638-66-4	Octadecanal	110	J			16.804	
124957-09-1	2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	1100	J			17.18	
000465-02-1	Germanicol	660	J			17.351	
	unknown17.609	140	J			17.609	
002400-66-0	Eicosanal-	140	J			18.268	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C5	SDG No.:	BF062124
Lab Sample ID:	P2977-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138293.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
084924-96-9	.gamma.-Sitostenone	89.8	J			18.633	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-A1			SDG No.:	BF062124		
Lab Sample ID:	P2977-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	18.1		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138294.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.5	U	97.5	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.3	U	98.3	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.3	U	97.3	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.2	U	49.2	97.6	97.6	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.1	U	92.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A1	SDG No.:	BF062124
Lab Sample ID:	P2977-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138294.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.5	U	94.5	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.1	U	87.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.3	U	90.3	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.7	U	99.7	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.9	U	98.9	160	210	ug/Kg
Total PAH	Total PAH	1604.9	U	1604.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	97.7	U	97.7	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.5	U	99.5	160	210	ug/Kg
103-33-3	Azobenzene	97.1	U	97.1	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.2	U	96.2	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A1	SDG No.:	BF062124
Lab Sample ID:	P2977-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138294.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.3	U	94.3	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.9	U	97.9	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	140	J	99.7	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.4	U	98.4	160	210	ug/Kg
218-01-9	Chrysene	97	U	97	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	98.9	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.3	U	95.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	U	99	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.7	U	97.7	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.1	U	91.1	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.522		18-112		53	SPK: -150
13127-88-3	Phenol-d6	77.307		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	53.796		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	55.803		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A1	SDG No.:	BF062124
Lab Sample ID:	P2977-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138294.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.756		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	42.075		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	287698	6.881				
1146-65-2	Naphthalene-d8	1091022	8.163				
15067-26-2	Acenaphthene-d10	549572	9.916				
1517-22-2	Phenanthrene-d10	746847	11.404				
1719-03-5	Chrysene-d12	562273	14.039				
1520-96-3	Perylene-d12	566414	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.104	
000057-10-3	n-Hexadecanoic acid	180	J			11.927	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			13.886	
026627-85-0	Hexacosanal	220	J			14.968	
007098-22-8	Tetratetracontane	82.5	J			15.163	
002004-39-9	1-Heptacosanol	400	J			15.198	
067860-04-2	Oxirane, heptadecyl-	110	J			15.751	
007225-66-3	Tridecane, 7-hexyl-	96.8	J			15.992	
	unknown17.174	98	J			17.174	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A6	SDG No.:	BF062124
Lab Sample ID:	P2977-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138295.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.8	U	94.8	150	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	150	200	ug/Kg
108-95-2	Phenol	98.4	U	98.4	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99.3	U	99.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	99.1	U	99.1	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	98.5	U	98.5	320	390	ug/Kg
95-48-7	2-Methylphenol	95.7	U	95.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	94.7	U	94.7	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.8	U	47.8	95	95	ug/Kg
67-72-1	Hexachloroethane	98.5	U	98.5	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	100	U	100	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.6	U	89.6	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	98	U	98	150	200	ug/Kg
106-47-8	4-Chloroaniline	98	U	98	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.9	U	98.9	150	200	ug/Kg



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	OSTL-A6			SDG No.:	BF062124	
Lab Sample ID:	P2977-06			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	16	
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138295.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92	U	92	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.9	U	97.9	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84.7	U	84.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.9	U	98.9	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	97	U	97	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.8	U	98.8	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	96.3	U	96.3	150	200	ug/Kg
Total PAH	Total PAH	1568.2	U	1568.2	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.8	U	198.8	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	95.1	U	95.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.9	U	96.9	150	200	ug/Kg
103-33-3	Azobenzene	94.5	U	94.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	93.6	U	93.6	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A6	SDG No.:	BF062124
Lab Sample ID:	P2977-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138295.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.7	U	91.7	320	390	ug/Kg
85-01-8	Phenanthrene	99.7	U	99.7	150	200	ug/Kg
120-12-7	Anthracene	100	U	100	150	200	ug/Kg
86-74-8	Carbazole	95.3	U	95.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	150	200	ug/Kg
206-44-0	Fluoranthene	97	U	97	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	98.5	U	98.5	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95.8	U	95.8	150	200	ug/Kg
218-01-9	Chrysene	94.4	U	94.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.3	U	96.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	U	98	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.7	U	92.7	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	95.1	U	95.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.7	U	88.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	98.8	U	98.8	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.097		18-112		53	SPK: -150
13127-88-3	Phenol-d6	77.114		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.29		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	57.83		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-A6	SDG No.:	BF062124
Lab Sample ID:	P2977-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138295.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.831		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	42.481		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269452	6.881				
1146-65-2	Naphthalene-d8	1000457	8.163				
15067-26-2	Acenaphthene-d10	500858	9.916				
1517-22-2	Phenanthrene-d10	673978	11.404				
1719-03-5	Chrysene-d12	540638	14.039				
1520-96-3	Perylene-d12	542627	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.175	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	80.3	J			8.475	
000057-10-3	n-Hexadecanoic acid	220	J			11.928	
018835-33-1	1-Hexacosene	130	J			13.892	
000111-02-4	Squalene	290	J			14.898	
067860-04-2	Oxirane, heptadecyl-	250	J			14.968	
000629-92-5	Nonadecane	82.7	J			15.163	
002004-39-9	1-Heptacosanol	410	J			15.198	
026627-85-0	Hexacosanal	98.9	J			15.757	
000646-31-1	Tetracosane	85.9	J			15.992	
1000130-77-2	E-11-Tetradecen-1-ol propionate	95.3	J			16.804	
001617-70-5	Lup-20(29)-en-3-one	220	J			18.174	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-C1			SDG No.:	BF062124		
Lab Sample ID:	P2977-13			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	17.4		
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138296.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	96.7	U	96.7	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.5	U	97.5	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	96.5	U	96.5	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.8	U	48.8	96.8	96.8	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.3	U	91.3	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.9	U	99.9	160	210	ug/Kg
106-47-8	4-Chloroaniline	99.9	U	99.9	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C1	SDG No.:	BF062124
Lab Sample ID:	P2977-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138296.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.8	U	93.8	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	99.8	U	99.8	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.4	U	86.4	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.5	U	89.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	210	ug/Kg
131-11-3	Dimethylphthalate	98.8	U	98.8	160	210	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.1	U	98.1	160	210	ug/Kg
Total PAH	Total PAH	1588.2	U	1588.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	96.9	U	96.9	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.7	U	98.7	160	210	ug/Kg
103-33-3	Azobenzene	96.3	U	96.3	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.5	U	95.5	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C1	SDG No.:	BF062124
Lab Sample ID:	P2977-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138296.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.5	U	93.5	330	400	ug/Kg
85-01-8	Phenanthrene	110	J	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.2	U	97.2	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	180	J	98.8	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	120	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.6	U	97.6	160	210	ug/Kg
218-01-9	Chrysene	96.4	J	96.2	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	98.1	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.9	U	99.9	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.5	U	94.5	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.2	U	98.2	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.9	U	96.9	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.4	U	90.4	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.361		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.905		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	57.36		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	58.052		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C1	SDG No.:	BF062124
Lab Sample ID:	P2977-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138296.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.799		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	43.94		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298121	6.887				
1146-65-2	Naphthalene-d8	1126936	8.163				
15067-26-2	Acenaphthene-d10	564586	9.916				
1517-22-2	Phenanthrene-d10	762095	11.404				
1719-03-5	Chrysene-d12	566383	14.039				
1520-96-3	Perylene-d12	531886	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.187	
	unknown3.422	280	J			3.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	180	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	200	J			8.475	
	unknown10.022	2300	J			10.022	
000057-10-3	n-Hexadecanoic acid	270	J			11.927	
000295-48-7	Cyclopentadecane	200	J			13.886	
000112-95-8	Eicosane	120	J			14.51	
026627-85-0	Hexacosanal	310	J			14.968	
000629-92-5	Nonadecane	170	J			15.163	
010192-32-2	1-Tetracosene	390	J			15.198	
007390-81-0	Oxirane, hexadecyl-	200	J			15.751	
000630-01-3	Hexacosane	140	J			15.992	
000557-61-9	Octacosanol	330	J			16.062	
000057-88-5	Cholesterol	120	J			16.421	
014811-95-1	1,19-Eicosadiene	130	J			16.804	
1010140-07-7	1,4-Dimethyl-8-isopropylidenetricy	230	J			17.18	
103827-22-1	4a,8-Dimethyl-2-(prop-1-en-2-yl)-1	130	J			17.351	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C1	SDG No.:	BF062124
Lab Sample ID:	P2977-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138296.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C6	SDG No.:	BF062124
Lab Sample ID:	P2977-18	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138297.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.1	U	97.1	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.9	U	97.9	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97	U	97	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49	U	49	97.2	97.2	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.7	U	91.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C6	SDG No.:	BF062124
Lab Sample ID:	P2977-18	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138297.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.2	U	94.2	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.7	U	86.7	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.9	U	89.9	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.3	U	99.3	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.5	U	98.5	160	210	ug/Kg
Total PAH	Total PAH	1601.8	U	1601.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
84-66-2	Diethylphthalate	97.3	U	97.3	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.1	U	99.1	160	210	ug/Kg
103-33-3	Azobenzene	96.7	U	96.7	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.9	U	95.9	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C6	SDG No.:	BF062124
Lab Sample ID:	P2977-18	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138297.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.9	U	93.9	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.6	U	97.6	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	150	J	99.3	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98	U	98	160	210	ug/Kg
218-01-9	Chrysene	96.6	U	96.6	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	98.5	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.9	U	94.9	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.7	U	98.7	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.3	U	97.3	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.8	U	90.8	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.872		18-112		55	SPK: -150
13127-88-3	Phenol-d6	78.662		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.495		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	53.17		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-C6	SDG No.:	BF062124
Lab Sample ID:	P2977-18	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138297.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.785		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	42.71		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294133	6.886				
1146-65-2	Naphthalene-d8	1094650	8.163				
15067-26-2	Acenaphthene-d10	551665	9.916				
1517-22-2	Phenanthrene-d10	758537	11.404				
1719-03-5	Chrysene-d12	573127	14.039				
1520-96-3	Perylene-d12	561110	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.181	
	unknown3.410	240	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	140	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	180	J			8.475	
	unknown10.016	110	J			10.016	
000057-10-3	n-Hexadecanoic acid	250	J			11.927	
000057-11-4	Octadecanoic acid	92.3	J			12.71	
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			13.886	
000630-02-4	Octacosane	110	J			14.509	
026627-85-0	Hexacosanal	460	J			14.968	
000629-92-5	Nonadecane	120	J			15.162	
000297-03-0	Cyclotetracosane	1100	J			15.192	
007390-81-0	Oxirane, hexadecyl-	280	J			15.751	
001560-84-5	Eicosane, 2-methyl-	120	J			15.992	
002004-39-9	1-Heptacosanol	610	J			16.051	
124957-09-1	2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	200	J			17.174	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B1	SDG No.:	BF062124
Lab Sample ID:	P2977-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138298.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.3	U	97.3	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.1	U	98.1	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.2	U	97.2	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.1	U	49.1	97.4	97.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.9	U	91.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B1	SDG No.:	BF062124
Lab Sample ID:	P2977-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138298.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.4	U	94.4	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.9	U	86.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.1	U	90.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.5	U	99.5	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.7	U	98.7	160	210	ug/Kg
Total PAH	Total PAH	1603.5	U	1603.5	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	97.5	U	97.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.3	U	99.3	160	210	ug/Kg
103-33-3	Azobenzene	96.9	U	96.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.1	U	96.1	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B1	SDG No.:	BF062124
Lab Sample ID:	P2977-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138298.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.1	U	94.1	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.8	U	97.8	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	250		99.5	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	160	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	98.3	160	210	ug/Kg
218-01-9	Chrysene	140	J	96.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		98.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.1	U	95.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.9	U	98.9	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.5	U	97.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.9	U	90.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.598		18-112		54	SPK: -150
13127-88-3	Phenol-d6	78.281		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	55.351		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	58.7		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-B1	SDG No.:	BF062124
Lab Sample ID:	P2977-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138298.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.243		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	43.298		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295670	6.886				
1146-65-2	Naphthalene-d8	1109410	8.163				
15067-26-2	Acenaphthene-d10	540205	9.916				
1517-22-2	Phenanthrene-d10	714387	11.404				
1719-03-5	Chrysene-d12	573332	14.039				
1520-96-3	Perylene-d12	514152	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.104	
000057-10-3	n-Hexadecanoic acid	280	J			11.927	
1000351-81-0	Tricosyl pentafluoropropionate	190	J			13.886	
000629-78-7	Heptadecane	120	J			14.509	
007390-81-0	Oxirane, hexadecyl-	430	J			14.968	
000629-92-5	Nonadecane	150	J			15.162	
000297-03-0	Cyclotetracosane	980	J			15.192	
000192-97-2	Benzo[e]pyrene	120	J			15.386	
022725-64-0	Octacosanal	160	J			15.751	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	170	J			15.992	
010192-32-2	1-Tetracosene	190	J			16.068	
000638-66-4	Octadecanal	130	J			16.803	

Report of Analysis

Client:				Date Collected:	6/19/2024 12:00:00 AM		
Project:				Date Received:	6/19/2024 12:00:00 AM		
Client Sample ID:	OSTL-D1			SDG No.:	BF062124		
Lab Sample ID:	P2977-19			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	20.2		
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138299.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	410	ug/Kg
110-86-1	Pyridine	99.9	U	99.9	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	410	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	99.8	U	99.8	340	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.4	U	50.4	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	94.4	U	94.4	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-D1	SDG No.:	BF062124
Lab Sample ID:	P2977-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138299.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.9	U	96.9	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.3	U	89.3	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92.5	U	92.5	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1657	U	1657	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	340	410	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	410	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	99.5	U	99.5	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	98.6	U	98.6	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-D1	SDG No.:	BF062124
Lab Sample ID:	P2977-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138299.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.6	U	96.6	340	410	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	260		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	340	410	ug/Kg
129-00-0	Pyrene	160	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	410	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	100	160	210	ug/Kg
218-01-9	Chrysene	150	J	99.4	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	97.6	U	97.6	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.4	U	93.4	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.966		18-112		55	SPK: -150
13127-88-3	Phenol-d6	81.748		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	56.73		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	58.006		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	OSTL-D1	SDG No.:	BF062124
Lab Sample ID:	P2977-19	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138299.D	1	6/20/2024 12:00:00 AM	6/21/2024 12:00:00 AM	PB161600

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.87		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	44.946		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290969	6.881				
1146-65-2	Naphthalene-d8	1085537	8.163				
15067-26-2	Acenaphthene-d10	524248	9.916				
1517-22-2	Phenanthrene-d10	696729	11.404				
1719-03-5	Chrysene-d12	565977	14.039				
1520-96-3	Perylene-d12	443319	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.181	
000057-55-6	Propylene Glycol	230	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	93.8	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	160	J			8.475	
000057-10-3	n-Hexadecanoic acid	370	J			11.928	
015594-90-8	1-Heneicosanol	170	J			13.886	
007683-64-9	Supraene	94.6	J			14.898	
000638-66-4	Octadecanal	510	J			14.969	
000629-94-7	Heneicosane	130	J			15.163	
007206-19-1	3-Octadecene, (E)-	900	J			15.192	
000192-97-2	Benzo[e]pyrene	140	J			15.386	
058196-28-4	Pentacosanal	180	J			15.751	
000638-68-6	triacontane	120	J			15.992	
001599-67-3	1-Docosene	150	J			16.063	
	unknown	16.804	J			16.804	

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MH-K-COMP								
P2976-01	MH-K-COMP	Solid	1-Phenoxypropan-2-ol	*	45.600	J		
P2976-01	MH-K-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	86.100	A		
P2976-01	MH-K-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2976-01	MH-K-COMP	Solid	Docosane, 9-butyl-	*	220.000	J		
P2976-01	MH-K-COMP	Solid	Eicosane	*	410.000	J		
P2976-01	MH-K-COMP	Solid	Eicosane, 10-methyl-	*	280.000	J		
P2976-01	MH-K-COMP	Solid	Heneicosane	*	86.300	J		
P2976-01	MH-K-COMP	Solid	Heptadecane	*	84.900	J		
P2976-01	MH-K-COMP	Solid	Hexacosane	*	170.000	J		
P2976-01	MH-K-COMP	Solid	n-Hexadecanoic acid	*	120.000	J		
P2976-01	MH-K-COMP	Solid	Nonadecane	*	420.000	J		
P2976-01	MH-K-COMP	Solid	Octacosane, 2-methyl-	*	170.000	J		
P2976-01	MH-K-COMP	Solid	Octadecane	*	87.800	J		
P2976-01	MH-K-COMP	Solid	Octadecane, 1-iodo-	*	70.500	J		
P2976-01	MH-K-COMP	Solid	Octadecanoic acid	*	49.200	J		
P2976-01	MH-K-COMP	Solid	Pentacosane	*	100.000	J		
P2976-01	MH-K-COMP	Solid	Pentadecane	*	100.000	J		
P2976-01	MH-K-COMP	Solid	Tetracosane	*	180.000	J		
P2976-01	MH-K-COMP	Solid	Tetratetracontane	*	63.100	J		
P2976-01	MH-K-COMP	Solid	Tricosane	*	350.000	J		
Total Tics :					4,193.50			
Total Concentration:					4,193.50			
Client ID : OSTL-A1								
P2977-01	OSTL-A1	Solid	1-Heptacosanol	*	400.000	J		
P2977-01	OSTL-A1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P2977-01	OSTL-A1	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2977-01	OSTL-A1	Solid	Hexacosanal	*	220.000	J		
P2977-01	OSTL-A1	Solid	n-Hexadecanoic acid	*	180.000	J		
P2977-01	OSTL-A1	Solid	Oxirane, heptadecyl-	*	110.000	J		
P2977-01	OSTL-A1	Solid	Pentadecafluorooctanoic acid, octa	*	140.000	J		
P2977-01	OSTL-A1	Solid	Tetratetracontane	*	82.500	J		
P2977-01	OSTL-A1	Solid	Tridecane, 7-hexyl-	*	96.800	J		
P2977-01	OSTL-A1	Solid	unknown17.174	*	98.000	J		
Total Tics :					3,077.30			
P2977-01	OSTL-A1	Solid	Benzo(b)fluoranthene		120.000	J	98.9	210 ug/Kg
P2977-01	OSTL-A1	Solid	Fluoranthene		140.000	J	99.7	210 ug/Kg
P2977-01	OSTL-A1	Solid	Pyrene		100.000	J	100	210 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :					360.00			
Total Concentration:					3,437.30			
Client ID : OSTL-A3								
P2977-03	OSTL-A3	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1] *	440.000	J			
P2977-03	OSTL-A3	Solid	(6aR,12aR)-6a,12a-Dihydro-6H-[*	120.000	J			
P2977-03	OSTL-A3	Solid	1,19-Eicosadiene *	410.000	J			
P2977-03	OSTL-A3	Solid	1-Heptacosanol *	850.000	J			
P2977-03	OSTL-A3	Solid	1-Tetracosene *	1,700.000	J			
P2977-03	OSTL-A3	Solid	2-Octenal, (E)- *	170.000	J			
P2977-03	OSTL-A3	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P2977-03	OSTL-A3	Solid	Bicyclo[3.1.1]heptane, 6,6-dimeth *	280.000	J			
P2977-03	OSTL-A3	Solid	Butane, 2-methoxy-2-methyl- *	1,400.000	J			
P2977-03	OSTL-A3	Solid	Cholesterol *	95.400	J			
P2977-03	OSTL-A3	Solid	Coumarin *	91.000	J			
P2977-03	OSTL-A3	Solid	Cyclohexadecane *	160.000	J			
P2977-03	OSTL-A3	Solid	Heneicosane *	280.000	J			
P2977-03	OSTL-A3	Solid	n-Hexadecanoic acid *	280.000	J			
P2977-03	OSTL-A3	Solid	Nonadecane *	250.000	J			
P2977-03	OSTL-A3	Solid	Octadecanal *	710.000	J			
P2977-03	OSTL-A3	Solid	Oxirane, hexadecyl- *	190.000	J			
P2977-03	OSTL-A3	Solid	Squalene *	250.000	J			
P2977-03	OSTL-A3	Solid	Trichloroacetic acid, hexadecyl es *	92.600	J			
P2977-03	OSTL-A3	Solid	Tridecane *	480.000	J			
Total Tics :					8,389.00			
Total Concentration:					8,389.00			
Client ID : OSTL-A4								
P2977-04	OSTL-A4	Solid	1-Heneicosanol *	240.000	J			
P2977-04	OSTL-A4	Solid	1-Heptacosanol *	130.000	J			
P2977-04	OSTL-A4	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P2977-04	OSTL-A4	Solid	Butane, 2-methoxy-2-methyl- *	1,600.000	J			
P2977-04	OSTL-A4	Solid	D-Friedoolean-14-en-3-ol *	790.000	J			
P2977-04	OSTL-A4	Solid	Germanicol *	410.000	J			
P2977-04	OSTL-A4	Solid	Hexacosane *	100.000	J			
P2977-04	OSTL-A4	Solid	Lup-20(29)-en-3-one *	310.000	J			
P2977-04	OSTL-A4	Solid	n-Hexadecanoic acid *	160.000	J			
P2977-04	OSTL-A4	Solid	Nonadecane *	88.300	J			
P2977-04	OSTL-A4	Solid	Octadecanal *	190.000	J			
P2977-04	OSTL-A4	Solid	Oxirane, hexadecyl- *	130.000	J			
Total Tics :					4,288.30			

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,288.30				
Client ID : OSTL-A5								
P2977-05	OSTL-A5	Solid	1,19-Eicosadiene	*	130.000	J		
P2977-05	OSTL-A5	Solid	1-Heptacosanol	*	78.400	J		
P2977-05	OSTL-A5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	92.000	A		
P2977-05	OSTL-A5	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P2977-05	OSTL-A5	Solid	Eicosane	*	130.000	J		
P2977-05	OSTL-A5	Solid	Ethanol, 2-(9-octadecenyl-oxy)-, (Z	*	78.800	J		
P2977-05	OSTL-A5	Solid	n-Hexadecanoic acid	*	95.900	J		
Total Tics :				1,605.10				
Total Concentration:				1,605.10				
Client ID : OSTL-A6								
P2977-06	OSTL-A6	Solid	1-Heptacosanol	*	410.000	J		
P2977-06	OSTL-A6	Solid	1-Hexacosene	*	130.000	J		
P2977-06	OSTL-A6	Solid	1-Phenoxypropan-2-ol	*	80.300	J		
P2977-06	OSTL-A6	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P2977-06	OSTL-A6	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2977-06	OSTL-A6	Solid	E-11-Tetradecen-1-ol propionate	*	95.300	J		
P2977-06	OSTL-A6	Solid	Hexacosanal	*	98.900	J		
P2977-06	OSTL-A6	Solid	Lup-20(29)-en-3-one	*	220.000	J		
P2977-06	OSTL-A6	Solid	n-Hexadecanoic acid	*	220.000	J		
P2977-06	OSTL-A6	Solid	Nonadecane	*	82.700	J		
P2977-06	OSTL-A6	Solid	Oxirane, heptadecyl-	*	250.000	J		
P2977-06	OSTL-A6	Solid	Squalene	*	290.000	J		
P2977-06	OSTL-A6	Solid	Tetracosane	*	85.900	J		
Total Tics :				3,603.10				
Total Concentration:				3,603.10				
Client ID : OSTL-B1								
P2977-07	OSTL-B1	Solid	1-Tetracosene	*	190.000	J		
P2977-07	OSTL-B1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P2977-07	OSTL-B1	Solid	Benzo[e]pyrene	*	120.000	J		
P2977-07	OSTL-B1	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2977-07	OSTL-B1	Solid	Cyclotetracosane	*	980.000	J		
P2977-07	OSTL-B1	Solid	Heptadecane	*	120.000	J		
P2977-07	OSTL-B1	Solid	Heptadecane, 2,6,10,15-tetramethyl	*	170.000	J		
P2977-07	OSTL-B1	Solid	n-Hexadecanoic acid	*	280.000	J		
P2977-07	OSTL-B1	Solid	Nonadecane	*	150.000	J		
P2977-07	OSTL-B1	Solid	Octacosanal	*	160.000	J		
P2977-07	OSTL-B1	Solid	Octadecanal	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-07	OSTL-B1	Solid	Oxirane, hexadecyl-	*	430.000	J		
P2977-07	OSTL-B1	Solid	Tricosyl pentafluoropropionate	*	190.000	J		
Total Tics :					4,570.00			
P2977-07	OSTL-B1	Solid	Benzo(a)anthracene		120.000	J 98.3	210	ug/Kg
P2977-07	OSTL-B1	Solid	Benzo(a)pyrene		140.000	J 110	210	ug/Kg
P2977-07	OSTL-B1	Solid	Benzo(b)fluoranthene		220.000	98.7	210	ug/Kg
P2977-07	OSTL-B1	Solid	Chrysene		140.000	J 96.8	210	ug/Kg
P2977-07	OSTL-B1	Solid	Fluoranthene		250.000	99.5	210	ug/Kg
P2977-07	OSTL-B1	Solid	Pyrene		160.000	J 100	210	ug/Kg
Total Svoc :					1,030.00			
Total Concentration:					5,600.00			
Client ID : OSTL-B2								
P2977-08	OSTL-B2	Solid	2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	*	510.000	J		
P2977-08	OSTL-B2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P2977-08	OSTL-B2	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2977-08	OSTL-B2	Solid	Cyclotetracosane	*	430.000	J		
P2977-08	OSTL-B2	Solid	Germanicol	*	240.000	J		
P2977-08	OSTL-B2	Solid	n-Hexadecanoic acid	*	170.000	J		
P2977-08	OSTL-B2	Solid	Nonadecane	*	100.000	J		
P2977-08	OSTL-B2	Solid	Octacosane, 2-methyl-	*	150.000	J		
P2977-08	OSTL-B2	Solid	Olean-12-en-3-ol, acetate, (3.beta	*	160.000	J		
P2977-08	OSTL-B2	Solid	Oxirane, heptadecyl-	*	240.000	J		
P2977-08	OSTL-B2	Solid	Oxirane, hexadecyl-	*	83.000	J		
P2977-08	OSTL-B2	Solid	Pentadecafluorooctanoic acid, oct	*	220.000	J		
P2977-08	OSTL-B2	Solid	Tricosanal	*	130.000	J		
P2977-08	OSTL-B2	Solid	unknown18.174	*	91.500	J		
Total Tics :					4,174.50			
Total Concentration:					4,174.50			
Client ID : OSTL-B3								
P2977-09	OSTL-B3	Solid	1-Decanol, 2-hexyl-	*	92.200	J		
P2977-09	OSTL-B3	Solid	1-Naphthalenecarboxylic acid, dec	*	120.000	J		
P2977-09	OSTL-B3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P2977-09	OSTL-B3	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
Total Tics :					1,522.20			
Total Concentration:					1,522.20			
Client ID : OSTL-B4								
P2977-10	OSTL-B4	Solid	.alpha.-Amyrone	*	150.000	J		
P2977-10	OSTL-B4	Solid	1-Heneicosanol	*	200.000	J		
P2977-10	OSTL-B4	Solid	1-Heptacosanol	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-10	OSTL-B4	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P2977-10	OSTL-B4	Solid	Butane, 2-methoxy-2-methyl-	1,500.000	J			
P2977-10	OSTL-B4	Solid	Dotriacontane, 1-iodo-	100.000	J			
P2977-10	OSTL-B4	Solid	Eicosanal-	94.700	J			
P2977-10	OSTL-B4	Solid	Germanicol	270.000	J			
P2977-10	OSTL-B4	Solid	Guaia-3,9-diene	310.000	J			
P2977-10	OSTL-B4	Solid	n-Hexadecanoic acid	130.000	J			
P2977-10	OSTL-B4	Solid	Octadecane	100.000	J			
P2977-10	OSTL-B4	Solid	Octatriacontyl pentafluoropropion *	140.000	J			
P2977-10	OSTL-B4	Solid	Oxirane, heptadecyl-	130.000	J			
P2977-10	OSTL-B4	Solid	Oxirane, hexadecyl-	110.000	J			
P2977-10	OSTL-B4	Solid	Supraene	120.000	J			
P2977-10	OSTL-B4	Solid	unknown16.139	120.000	J			
Total Tics :				3,724.70				
Total Concentration:				3,724.70				
Client ID : OSTL-B6								
P2977-12	OSTL-B6	Solid	(2Z,4E)-3,7,11-Trimethyl-2,4,10-c *	120.000	J			
P2977-12	OSTL-B6	Solid	1,4-Dimethyl-8-isopropylidenetric *	190.000	J			
P2977-12	OSTL-B6	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P2977-12	OSTL-B6	Solid	Butane, 2-methoxy-2-methyl-	1,700.000	J			
P2977-12	OSTL-B6	Solid	Cyclopentadecane	140.000	J			
P2977-12	OSTL-B6	Solid	Docosa-2,6,10,14,18-pentaen-22-c *	87.800	J			
P2977-12	OSTL-B6	Solid	Germanicol	130.000	J			
P2977-12	OSTL-B6	Solid	Olean-12-en-3-ol, acetate, (3.beta *	270.000	J			
P2977-12	OSTL-B6	Solid	unknown10.016	280.000	J			
Total Tics :				3,137.80				
Total Concentration:				3,137.80				
Client ID : OSTL-C1								
P2977-13	OSTL-C1	Solid	1,19-Eicosadiene	130.000	J			
P2977-13	OSTL-C1	Solid	1,4-Dimethyl-8-isopropylidenetric *	230.000	J			
P2977-13	OSTL-C1	Solid	1-Phenoxypropan-2-ol	200.000	J			
P2977-13	OSTL-C1	Solid	1-Tetracosene	390.000	J			
P2977-13	OSTL-C1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
P2977-13	OSTL-C1	Solid	4a,8-Dimethyl-2-(prop-1-en-2-yl)- *	130.000	J			
P2977-13	OSTL-C1	Solid	Butane, 2-methoxy-2-methyl-	1,800.000	J			
P2977-13	OSTL-C1	Solid	Cholesterol	120.000	J			
P2977-13	OSTL-C1	Solid	Cyclopentadecane	200.000	J			
P2977-13	OSTL-C1	Solid	Eicosane	120.000	J			
P2977-13	OSTL-C1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	180.000	J			

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-13	OSTL-C1	Solid	Hexacosanal	*	310.000	J		
P2977-13	OSTL-C1	Solid	Hexacosane	*	140.000	J		
P2977-13	OSTL-C1	Solid	n-Hexadecanoic acid	*	270.000	J		
P2977-13	OSTL-C1	Solid	Nonadecane	*	170.000	J		
P2977-13	OSTL-C1	Solid	Octacosanol	*	330.000	J		
P2977-13	OSTL-C1	Solid	Oxirane, hexadecyl-	*	200.000	J		
P2977-13	OSTL-C1	Solid	unknown10.022	*	2,300.000	J		
P2977-13	OSTL-C1	Solid	unknown3.422	*	280.000	J		
Total Tics :					7,660.00			
P2977-13	OSTL-C1	Solid	Benzo(b)fluoranthene		140.000	J	98.1	210 ug/Kg
P2977-13	OSTL-C1	Solid	Chrysene		96.400	J	96.2	210 ug/Kg
P2977-13	OSTL-C1	Solid	Fluoranthene		180.000	J	98.8	210 ug/Kg
P2977-13	OSTL-C1	Solid	Phenanthrene		110.000	J	100	210 ug/Kg
P2977-13	OSTL-C1	Solid	Pyrene		120.000	J	100	210 ug/Kg
Total Svoc :					646.40			
Total Concentration:					8,306.40			
Client ID : OSTL-C2								
P2977-14	OSTL-C2	Solid	(S)-(+)-1,2-Propanediol	*	260.000	J		
P2977-14	OSTL-C2	Solid	1,1,4a-Trimethyl-5,6-dimethylene	*	710.000	J		
P2977-14	OSTL-C2	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2977-14	OSTL-C2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P2977-14	OSTL-C2	Solid	3-Heptadecene, (Z)-	*	210.000	J		
P2977-14	OSTL-C2	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2977-14	OSTL-C2	Solid	Cyclotetracosane	*	490.000	J		
P2977-14	OSTL-C2	Solid	Eicosane	*	120.000	J		
P2977-14	OSTL-C2	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	190.000	J		
P2977-14	OSTL-C2	Solid	Germanicol	*	370.000	J		
P2977-14	OSTL-C2	Solid	n-Hexadecanoic acid	*	610.000	J		
P2977-14	OSTL-C2	Solid	Nonadecane	*	110.000	J		
P2977-14	OSTL-C2	Solid	Octadecanoic acid	*	280.000	J		
P2977-14	OSTL-C2	Solid	Oxirane, heptadecyl-	*	150.000	J		
P2977-14	OSTL-C2	Solid	Oxirane, hexadecyl-	*	280.000	J		
P2977-14	OSTL-C2	Solid	unknown10.022	*	2,700.000	J		
Total Tics :					8,200.00			
Total Concentration:					8,200.00			
Client ID : OSTL-C3								
P2977-15	OSTL-C3	Solid	.alpha.-Amyrone	*	220.000	J		
P2977-15	OSTL-C3	Solid	1,1,4a-Trimethyl-5,6-dimethylene	*	490.000	J		
P2977-15	OSTL-C3	Solid	1-Phenoxypropan-2-ol	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-15	OSTL-C3	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P2977-15	OSTL-C3	Solid	Butane, 2-methoxy-2-methyl-	1,500.000	J			
P2977-15	OSTL-C3	Solid	Cholesterol	260.000	J			
P2977-15	OSTL-C3	Solid	Cyclotetracosane	930.000	J			
P2977-15	OSTL-C3	Solid	Dotriacontyl pentafluoropropionat *	180.000	J			
P2977-15	OSTL-C3	Solid	Eicosane	170.000	J			
P2977-15	OSTL-C3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	140.000	J			
P2977-15	OSTL-C3	Solid	Germanicol	440.000	J			
P2977-15	OSTL-C3	Solid	Isopropyl Alcohol	240.000	J			
P2977-15	OSTL-C3	Solid	n-Hexadecanoic acid	280.000	J			
P2977-15	OSTL-C3	Solid	Nonadecane	120.000	J			
P2977-15	OSTL-C3	Solid	Octadecanal	170.000	J			
P2977-15	OSTL-C3	Solid	Octadecyl trifluoroacetate	98.000	J			
P2977-15	OSTL-C3	Solid	Oxirane, heptadecyl-	490.000	J			
P2977-15	OSTL-C3	Solid	Oxirane, hexadecyl-	110.000	J			
P2977-15	OSTL-C3	Solid	unknown10.010	190.000	J			
Total Tics :				6,338.00				
Total Concentration:				6,338.00				

Client ID : OSTL-C5

P2977-17	OSTL-C5	Solid	.gamma.-Sitostenone	89.800	J			
P2977-17	OSTL-C5	Solid	1-Eicosene	210.000	J			
P2977-17	OSTL-C5	Solid	1-Nonadecene	120.000	J			
P2977-17	OSTL-C5	Solid	1-Phenoxypropan-2-ol	160.000	J			
P2977-17	OSTL-C5	Solid	1-Tetracosene	840.000	J			
P2977-17	OSTL-C5	Solid	2,5,5,8a-Tetramethyl-6,7,8,8a-tetr *	1,100.000	J			
P2977-17	OSTL-C5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P2977-17	OSTL-C5	Solid	Butane, 2-methoxy-2-methyl-	1,500.000	J			
P2977-17	OSTL-C5	Solid	Eicosanal-	140.000	J			
P2977-17	OSTL-C5	Solid	Ethanol, 2-(2-ethoxyethoxy)-	160.000	J			
P2977-17	OSTL-C5	Solid	Germanicol	660.000	J			
P2977-17	OSTL-C5	Solid	Hexacosanal	480.000	J			
P2977-17	OSTL-C5	Solid	n-Hexadecanoic acid	240.000	J			
P2977-17	OSTL-C5	Solid	Nonadecane	130.000	J			
P2977-17	OSTL-C5	Solid	Octacosane	170.000	J			
P2977-17	OSTL-C5	Solid	Octadecanal	110.000	J			
P2977-17	OSTL-C5	Solid	Oxirane, hexadecyl-	190.000	J			
P2977-17	OSTL-C5	Solid	Propylene Glycol	210.000	J			
P2977-17	OSTL-C5	Solid	unknown10.022	2,400.000	J			
P2977-17	OSTL-C5	Solid	unknown17.609	140.000	J			
Total Tics :				9,189.80				

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				9,189.80				
Client ID : OSTL-C6								
P2977-18	OSTL-C6	Solid	1-Heptacosanol	*	610.000	J		
P2977-18	OSTL-C6	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2977-18	OSTL-C6	Solid	2,5,5,8a-Tetramethyl-6,7,8,8a-tetr	*	200.000	J		
P2977-18	OSTL-C6	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P2977-18	OSTL-C6	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2977-18	OSTL-C6	Solid	Cyclotetracosane	*	1,100.000	J		
P2977-18	OSTL-C6	Solid	Eicosane, 2-methyl-	*	120.000	J		
P2977-18	OSTL-C6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	140.000	J		
P2977-18	OSTL-C6	Solid	Hexacosanal	*	460.000	J		
P2977-18	OSTL-C6	Solid	n-Hexadecanoic acid	*	250.000	J		
P2977-18	OSTL-C6	Solid	Nonadecane	*	120.000	J		
P2977-18	OSTL-C6	Solid	Octacosane	*	110.000	J		
P2977-18	OSTL-C6	Solid	Octadecanoic acid	*	92.300	J		
P2977-18	OSTL-C6	Solid	Oxirane, hexadecyl-	*	280.000	J		
P2977-18	OSTL-C6	Solid	Pentadecafluorooctanoic acid, oct	*	200.000	J		
P2977-18	OSTL-C6	Solid	unknown10.016	*	110.000	J		
P2977-18	OSTL-C6	Solid	unknown3.410	*	240.000	J		
Total Tics :				6,062.30				
P2977-18	OSTL-C6	Solid	Benzo(b)fluoranthene		140.000	J	98.5	210 ug/Kg
P2977-18	OSTL-C6	Solid	Fluoranthene		150.000	J	99.3	210 ug/Kg
P2977-18	OSTL-C6	Solid	Pyrene		100.000	J	100	210 ug/Kg
Total Svoc :				390.00				
Total Concentration:				6,452.30				
Client ID : OSTL-D1								
P2977-19	OSTL-D1	Solid	1-Docosene	*	150.000	J		
P2977-19	OSTL-D1	Solid	1-Heneicosanol	*	170.000	J		
P2977-19	OSTL-D1	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2977-19	OSTL-D1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
P2977-19	OSTL-D1	Solid	3-Octadecene, (E)-	*	900.000	J		
P2977-19	OSTL-D1	Solid	Benzo[e]pyrene	*	140.000	J		
P2977-19	OSTL-D1	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P2977-19	OSTL-D1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	93.800	J		
P2977-19	OSTL-D1	Solid	Heneicosane	*	130.000	J		
P2977-19	OSTL-D1	Solid	n-Hexadecanoic acid	*	370.000	J		
P2977-19	OSTL-D1	Solid	Octadecanal	*	510.000	J		
P2977-19	OSTL-D1	Solid	Pentacosanal	*	180.000	J		
P2977-19	OSTL-D1	Solid	Propylene Glycol	*	230.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-19	OSTL-D1	Solid	Supraene	*	94.600	J		
P2977-19	OSTL-D1	Solid	Triacontane	*	120.000	J		
P2977-19	OSTL-D1	Solid	unknown16.804	*	85.800	J		
Total Tics :					5,104.20			
P2977-19	OSTL-D1	Solid	Benzo(a)anthracene		130.000	J 100	210	ug/Kg
P2977-19	OSTL-D1	Solid	Benzo(a)pyrene		150.000	J 120	210	ug/Kg
P2977-19	OSTL-D1	Solid	Benzo(b)fluoranthene		230.000	100	210	ug/Kg
P2977-19	OSTL-D1	Solid	Chrysene		150.000	J 99.4	210	ug/Kg
P2977-19	OSTL-D1	Solid	Fluoranthene		260.000	100	210	ug/Kg
P2977-19	OSTL-D1	Solid	Pyrene		160.000	J 100	210	ug/Kg
Total Svoc :					1,080.00			
Total Concentration:					6,184.20			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224

Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____

Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.615	0.593	0.629	0.628	0.581	0.602	3.8
Pyridine		1.345	1.345	1.383	1.318	1.238	1.300	4.8
2-Fluorophenol		1.269	1.259	1.297	1.228	1.133	1.196	7.5
Benzaldehyde			1.000	0.931	0.776	0.676	0.805	19.4
Aniline		1.553	1.504	1.568	1.542	1.422	1.483	5.1
Phenol-d6		1.637	1.601	1.615	1.558	1.431	1.516	7.6
Phenol		1.591	1.584	1.646	1.592	1.476	1.539	5.7
bis(2-Chloroethyl)ether		1.311	1.262	1.279	1.257	1.165	1.231	5.6
2-Chlorophenol		1.353	1.338	1.376	1.353	1.238	1.293	6.5
1,2-Dichlorobenzene		1.519	1.483	1.520	1.440	1.297	1.388	9.9
1,3-Dichlorobenzene		1.594	1.546	1.563	1.514	1.388	1.469	7.7
1,4-Dichlorobenzene		1.619	1.567	1.573	1.520	1.396	1.478	8.3
Benzyl Alcohol		1.038	1.042	1.096	1.078	0.982	1.022	5.7
2-Methylphenol		1.051	1.034	1.074	1.062	0.962	1.020	4.7
2,2-oxybis(1-Chloropropane)		1.841	1.819	1.833	1.791	1.644	1.738	6.3
Acetophenone		0.501	0.493	0.499	0.462	0.427	0.457	9.5
3+4-Methylphenols		1.396	1.392	1.410	1.340	1.207	1.284	10.5
n-Nitroso-di-n-propylamine	0.921	0.954	0.957	0.947	0.917	0.841	0.899	6.6
Nitrobenzene-d5		0.329	0.341	0.364	0.360	0.338	0.344	4.2
Hexachloroethane		0.501	0.505	0.530	0.522	0.486	0.501	4.4
Nitrobenzene		0.350	0.353	0.374	0.369	0.345	0.355	4.0
Isophorone		0.646	0.641	0.648	0.629	0.587	0.621	4.2
2-Nitrophenol		0.094	0.115	0.142	0.159	0.157	0.143	19.6
2,4-Dimethylphenol		0.219	0.217	0.230	0.223	0.209	0.217	3.6
bis(2-Chloroethoxy)methane		0.411	0.401	0.411	0.396	0.369	0.389	5.6
2,4-Dichlorophenol		0.269	0.281	0.295	0.291	0.273	0.280	3.7
1,2,4-Trichlorobenzene		0.351	0.345	0.349	0.339	0.312	0.330	6.7
Benzoic acid			0.132	0.172	0.193	0.202	0.191	18.5
Naphthalene		1.103	1.074	1.073	1.012	0.924	0.989	10.6
4-Chloroaniline		0.382	0.383	0.386	0.373	0.348	0.370	4.3
Hexachlorobutadiene		0.207	0.199	0.204	0.198	0.184	0.193	6.4
Caprolactam		0.078	0.085	0.088	0.088	0.080	0.084	4.7
4-Chloro-3-methylphenol		0.279	0.286	0.292	0.285	0.266	0.278	3.6
2-Methylnaphthalene		0.721	0.703	0.698	0.662	0.603	0.649	9.8
Hexachlorocyclopentadiene		0.152	0.169	0.197	0.207	0.208	0.191	11.3
2,4,6-Trichlorophenol		0.336	0.361	0.383	0.388	0.371	0.366	5.1

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224

Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____

Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D		RRF005 = BF138188.D		RRF010 = BF138189.D		
		RRF020 = BF138190.D		RRF040 = BF138191.D		RRF050 = BF138192.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.531	1.465	1.430	1.247	1.127	1.258	17.8
2,4,5-Trichlorophenol		0.385	0.403	0.423	0.418	0.399	0.402	3.8
1,1-Biphenyl		1.629	1.601	1.607	1.483	1.400	1.468	10.7
2-Chloronaphthalene		1.258	1.247	1.253	1.174	1.099	1.160	8.7
2-Nitroaniline		0.210	0.249	0.288	0.307	0.295	0.279	13.0
Dimethylphthalate		1.318	1.292	1.305	1.240	1.153	1.225	7.0
Acenaphthylene		1.748	1.746	1.763	1.658	1.552	1.626	8.7
2,6-Dinitrotoluene		0.212	0.250	0.277	0.288	0.274	0.266	10.1
3-Nitroaniline		0.244	0.276	0.293	0.305	0.285	0.284	7.1
Acenaphthene		1.192	1.174	1.191	1.132	1.055	1.109	7.7
2,4-Dinitrophenol			0.062	0.083	0.107	0.109	0.104	26.2
4-Nitrophenol		0.174	0.211	0.235	0.245	0.224	0.224	11.3
Dibenzofuran		1.724	1.680	1.674	1.587	1.447	1.550	10.1
2,4-Dinitrotoluene		0.241	0.293	0.345	0.360	0.336	0.328	13.9
Diethylphthalate		1.238	1.240	1.258	1.188	1.083	1.163	7.8
4-Chlorophenyl-phenylether		0.688	0.671	0.661	0.613	0.562	0.607	11.5
Fluorene		1.390	1.351	1.343	1.227	1.119	1.219	12.3
4-Nitroaniline		0.252	0.289	0.299	0.303	0.268	0.284	6.3
4,6-Dinitro-2-methylphenol			0.055	0.076	0.095	0.096	0.090	23.2
n-Nitrosodiphenylamine		0.647	0.635	0.651	0.625	0.602	0.612	6.6
Azobenzene		1.251	1.254	1.249	1.174	1.092	1.165	7.9
2,4,6-Tribromophenol		0.193	0.205	0.215	0.210	0.192	0.199	5.7
4-Bromophenyl-phenylether		0.227	0.226	0.238	0.232	0.223	0.225	4.0
Hexachlorobenzene		0.275	0.273	0.278	0.269	0.259	0.263	6.0
Atrazine		0.181	0.189	0.189	0.177	0.162	0.174	7.6
Pentachlorophenol		0.122	0.143	0.163	0.167	0.158	0.153	10.2
Phenanthrene		1.101	1.069	1.078	1.004	0.926	0.989	10.3
Anthracene		1.079	1.058	1.075	1.003	0.921	0.982	10.0
Carbazole		0.992	0.987	0.983	0.920	0.819	0.901	10.4
Di-n-butylphthalate		0.939	1.021	1.038	0.966	0.852	0.932	9.0
Fluoranthene		1.121	1.154	1.126	1.027	0.872	1.009	13.1
Benzidine		0.200	0.142	0.236	0.406	0.254	0.231	42.3
Pyrene		1.736	1.571	1.840	1.842	1.741	1.725	6.4
Terphenyl-d14		1.406	1.259	1.400	1.318	1.217	1.263	9.9
Butylbenzylphthalate		0.344	0.415	0.490	0.525	0.473	0.469	14.3
3,3-Dichlorobenzidine		0.355	0.407	0.383	0.365	0.336	0.353	10.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.355	1.332	1.358	1.317	1.237	1.283	6.1
Chrysene		1.282	1.265	1.300	1.251	1.188	1.223	5.8
Bis(2-ethylhexyl)phthalate		0.402	0.547	0.551	0.589	0.561	0.546	12.1
Di-n-octyl phthalate			0.676	0.677	0.818	0.922	0.811	13.5
Benzo(b)fluoranthene		1.231	1.223	1.311	1.172	1.082	1.179	7.3
Benzo(k)fluoranthene		1.271	1.279	1.214	1.153	1.077	1.156	8.8
Benzo(a)pyrene		1.000	1.015	1.058	1.044	0.985	1.013	3.0
Indeno(1,2,3-cd)pyrene		0.995	1.011	1.395	1.492	1.408	1.304	16.0
Dibenzo(a,h)anthracene		0.834	0.828	1.155	1.223	1.157	1.070	15.6
Benzo(g,h,i)perylene		0.837	0.840	1.193	1.273	1.196	1.107	16.8
1,2,4,5-Tetrachlorobenzene		0.621	0.608	0.626	0.597	0.569	0.584	7.0
1,4-Dioxane		0.559	0.559	0.573	0.563	0.526	0.547	4.0
2,3,4,6-Tetrachlorophenol		0.294	0.320	0.335	0.330	0.303	0.314	5.0
1-Methylnaphthalene		0.714	0.689	0.693	0.645	0.591	0.636	10.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 11:50

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	340504	6.893	1.29686e+01	8.18	696204	9.93
	UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
	LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
	EPA SAMPLE NO.						
01	PB161600BL	331327	6.88	1.30275e	8.16	754427	9.92
02	PB161600BS	376697	6.89	1.50009e	8.17	834587	9.93
03	MH-K-COMP	265031	6.88	1.00928e	8.16	526400	9.92
04	MH-K-COMPMS	300251	6.89	1.16279e	8.17	596405	9.92
05	MH-K-COMPMSD	280231	6.89	1.09198e	8.17	573558	9.92
06	OSTL-A3	278531	6.88	1.06403e	8.16	554179	9.92
07	OSTL-A4	291323	6.88	1.11973e	8.16	576787	9.92
08	OSTL-A5	281501	6.88	1.07543e	8.16	552301	9.92
09	OSTL-B2	300830	6.88	1.15639e	8.16	598491	9.92
10	OSTL-B3	277688	6.88	1.05074e	8.16	543633	9.92
11	OSTL-B4	288808	6.88	1.08634e	8.16	555455	9.92
12	OSTL-B6	294017	6.88	1.11618e	8.16	572127	9.92
13	OSTL-C2	290407	6.88	1.10515e	8.16	555348	9.92
14	OSTL-C3	283575	6.88	1.05648e	8.16	532152	9.92
15	OSTL-C5	292089	6.88	1.11866e	8.16	561386	9.92
16	OSTL-A1	287698	6.88	1.09102e	8.16	549572	9.92
17	OSTL-A6	269452	6.88	1.00046e	8.16	500858	9.92
18	OSTL-C1	298121	6.89	1.12694e	8.16	564586	9.92
19	OSTL-C6	294133	6.89	1.09465e	8.16	551665	9.92
20	OSTL-B1	295670	6.89	1.10941e	8.16	540205	9.92
21	OSTL-D1	290969	6.88	1.08554e	8.16	524248	9.92



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 22:08

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	340504	6.893	1.29686e+01	8.18	696204	9.93
UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138278.D Time Analyzed: 11:50

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	270165	6.886	1.06983e+01	8.17	606475	9.92
	UPPER LIMIT	540330	7.386	2139660	8.669	1212950	10.421
	LOWER LIMIT	135082.5	6.386	534915	7.669	303237.5	9.421
	EPA SAMPLE NO.						
01	PB161600BL	331327	6.88	1.30275e	8.16	754427	9.92
02	PB161600BS	376697	6.89	1.50009e	8.17	834587	9.93
03	MH-K-COMP	265031	6.88	1.00928e	8.16	526400	9.92
04	MH-K-COMPMS	300251	6.89	1.16279e	8.17	596405	9.92
05	MH-K-COMPMSD	280231	6.89	1.09198e	8.17	573558	9.92
06	OSTL-A3	278531	6.88	1.06403e	8.16	554179	9.92
07	OSTL-A4	291323	6.88	1.11973e	8.16	576787	9.92
08	OSTL-A5	281501	6.88	1.07543e	8.16	552301	9.92
09	OSTL-B2	300830	6.88	1.15639e	8.16	598491	9.92
10	OSTL-B3	277688	6.88	1.05074e	8.16	543633	9.92
11	OSTL-B4	288808	6.88	1.08634e	8.16	555455	9.92
12	OSTL-B6	294017	6.88	1.11618e	8.16	572127	9.92
13	OSTL-C2	290407	6.88	1.10515e	8.16	555348	9.92
14	OSTL-C3	283575	6.88	1.05648e	8.16	532152	9.92
15	OSTL-C5	292089	6.88	1.11866e	8.16	561386	9.92
16	OSTL-A1	287698	6.88	1.09102e	8.16	549572	9.92
17	OSTL-A6	269452	6.88	1.00046e	8.16	500858	9.92
18	OSTL-C1	298121	6.89	1.12694e	8.16	564586	9.92
19	OSTL-C6	294133	6.89	1.09465e	8.16	551665	9.92
20	OSTL-B1	295670	6.89	1.10941e	8.16	540205	9.92
21	OSTL-D1	290969	6.88	1.08554e	8.16	524248	9.92



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138278.D Time Analyzed: 22:08

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	270165	6.886	1.06983e+01	8.17	606475	9.92
UPPER LIMIT	540330	7.386	2139660	8.669	1212950	10.421
LOWER LIMIT	135082.5	6.386	534915	7.669	303237.5	9.421
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 11:50

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.18359e+04	11.416	674197	14.051	644245	15.521
	UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
	LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
	EPA SAMPLE NO.						
01	PB161600BL	1.40478	11.40	956115	14.04	796781	15.52
02	PB161600BS	1.4593e	11.41	766053	14.05	729682	15.52
03	MH-K-COMP	778741	11.40	496395	14.04	531446	15.51
04	MH-K-COMPMS	870891	11.40	537295	14.05	598069	15.52
05	MH-K-COMPMSD	870123	11.40	507619	14.05	579078	15.52
06	OSTL-A3	757800	11.40	518327	14.04	533092	15.51
07	OSTL-A4	792021	11.40	527622	14.04	540425	15.51
08	OSTL-A5	751141	11.40	522579	14.04	511921	15.51
09	OSTL-B2	824446	11.40	554694	14.04	531474	15.51
10	OSTL-B3	761669	11.40	502613	14.04	505222	15.51
11	OSTL-B4	774809	11.40	543904	14.04	572527	15.51
12	OSTL-B6	784501	11.40	539167	14.04	536463	15.51
13	OSTL-C2	744877	11.40	554798	14.04	538719	15.51
14	OSTL-C3	763934	11.40	511388	14.04	528161	15.51
15	OSTL-C5	752583	11.40	537549	14.04	512502	15.51
16	OSTL-A1	746847	11.40	562273	14.04	566414	15.51
17	OSTL-A6	673978	11.40	540638	14.04	542627	15.51
18	OSTL-C1	762095	11.40	566383	14.04	531886	15.51
19	OSTL-C6	758537	11.40	573127	14.04	561110	15.51
20	OSTL-B1	714387	11.40	573332	14.04	514152	15.51
21	OSTL-D1	696729	11.40	565977	14.04	443319	15.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 22:08

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18359e+04	11.416	674197	14.051	644245	15.521
UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138278.D Time Analyzed: 11:50

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.06623e+04	11.41	538512	14.045	576248	15.515
	UPPER LIMIT	2132460	11.91	1077024	14.545	1152496	16.015
	LOWER LIMIT	533115	10.91	269256	13.545	288124	15.015
	EPA SAMPLE NO.						
01	PB161600BL	1.40478	11.40	956115	14.04	796781	15.52
02	PB161600BS	1.4593e	11.41	766053	14.05	729682	15.52
03	MH-K-COMP	778741	11.40	496395	14.04	531446	15.51
04	MH-K-COMPMS	870891	11.40	537295	14.05	598069	15.52
05	MH-K-COMPMSD	870123	11.40	507619	14.05	579078	15.52
06	OSTL-A3	757800	11.40	518327	14.04	533092	15.51
07	OSTL-A4	792021	11.40	527622	14.04	540425	15.51
08	OSTL-A5	751141	11.40	522579	14.04	511921	15.51
09	OSTL-B2	824446	11.40	554694	14.04	531474	15.51
10	OSTL-B3	761669	11.40	502613	14.04	505222	15.51
11	OSTL-B4	774809	11.40	543904	14.04	572527	15.51
12	OSTL-B6	784501	11.40	539167	14.04	536463	15.51
13	OSTL-C2	744877	11.40	554798	14.04	538719	15.51
14	OSTL-C3	763934	11.40	511388	14.04	528161	15.51
15	OSTL-C5	752583	11.40	537549	14.04	512502	15.51
16	OSTL-A1	746847	11.40	562273	14.04	566414	15.51
17	OSTL-A6	673978	11.40	540638	14.04	542627	15.51
18	OSTL-C1	762095	11.40	566383	14.04	531886	15.51
19	OSTL-C6	758537	11.40	573127	14.04	561110	15.51
20	OSTL-B1	714387	11.40	573332	14.04	514152	15.51
21	OSTL-D1	696729	11.40	565977	14.04	443319	15.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062124 SAS No.: BF062124 SDG NO.: BF062124

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 21 2024 12:00AM

Lab File ID: BF138278.D Time Analyzed: 22:08

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.06623e+0	11.41	538512	14.045	576248	15.515
UPPER LIMIT	2132460	11.91	1077024	14.545	1152496	16.015
LOWER LIMIT	533115	10.91	269256	13.545	288124	15.015
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161600BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	950	ug/Kg	56				28	98	
	Benzaldehyde	1700	920	ug/Kg	54				10	147	
	Aniline	1700	760	ug/Kg	45				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1300	ug/Kg	76				51	100	
	Acetophenone	1700	1300	ug/Kg	76				55	104	
	3+4-Methylphenols	1700	1300	ug/Kg	76				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	780	ug/Kg	46				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	23700	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161600BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1300	ug/Kg	76				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1500	ug/Kg	88				67	113	
	Pentachlorophenol	3300	2600	ug/Kg	79				67	105	
	Phenanthrene	1700	1300	ug/Kg	76				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Carbazole	1700	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	220	ug/Kg	7		*		10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118		*		63	111	
	Di-n-octyl phthalate	1700	2200	ug/Kg	129		*		70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	970	ug/Kg	57				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161600BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062124

SAS No.: BF062124 SDG NO.: BF062124

Lab File ID: BF138279.D

Lab Sample ID: PB161600BL

Instrument ID: BNA_F

Date Extracted: 06/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/21/2024

Level: (low/med) LOW

Time Analyzed: 11:50

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161600BS	PB161600BS	BF138280.D	06/21/2024
MH-K-COMP	P2976-01	BF138281.D	06/21/2024
MH-K-COMPMS	P2976-01MS	BF138282.D	06/21/2024
MH-K-COMPMSD	P2976-01MSD	BF138283.D	06/21/2024
OSTL-A3	P2977-03	BF138284.D	06/21/2024
OSTL-A4	P2977-04	BF138285.D	06/21/2024
OSTL-A5	P2977-05	BF138286.D	06/21/2024
OSTL-B2	P2977-08	BF138287.D	06/21/2024
OSTL-B3	P2977-09	BF138288.D	06/21/2024
OSTL-B4	P2977-10	BF138289.D	06/21/2024
OSTL-A1	P2977-01	BF138294.D	06/21/2024
OSTL-A6	P2977-06	BF138295.D	06/21/2024
OSTL-B1	P2977-07	BF138298.D	06/21/2024
OSTL-B6	P2977-12	BF138290.D	06/21/2024
OSTL-C2	P2977-14	BF138291.D	06/21/2024
OSTL-C3	P2977-15	BF138292.D	06/21/2024
OSTL-C5	P2977-17	BF138293.D	06/21/2024
OSTL-C1	P2977-13	BF138296.D	06/21/2024
OSTL-C6	P2977-18	BF138297.D	06/21/2024
OSTL-D1	P2977-19	BF138299.D	06/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2976-01MS		Client Sample ID: MH-K-COMPMS		DataFile: BF138282.D							
n-Nitrosodimethylamine	1100		940	ug/Kg	85				66	124	
Pyridine	1100		850	ug/Kg	77				45	119	
Benzaldehyde	1100		410	ug/Kg	37				26	163	
Aniline	1100		800	ug/Kg	73				10	88	
Phenol	1100		990	ug/Kg	90				67	126	
bis(2-Chloroethyl)ether	1100		980	ug/Kg	89				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		940	ug/Kg	85				61	105	
1,3-Dichlorobenzene	1100		910	ug/Kg	83				62	101	
1,4-Dichlorobenzene	1100		920	ug/Kg	84				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		990	ug/Kg	90				66	122	
2,2-oxybis(1-Chloropropane)	1100		930	ug/Kg	85				52	115	
Acetophenone	1100		850	ug/Kg	77				75	111	
3+4-Methylphenols	1100		910	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1100		950	ug/Kg	86				59	119	
Hexachloroethane	1100		960	ug/Kg	87				65	117	
Nitrobenzene	1100		930	ug/Kg	85				70	119	
Isophorone	1100		990	ug/Kg	90				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				83	144	
bis(2-Chloroethoxy)methane	1100		990	ug/Kg	90				68	112	
2,4-Dichlorophenol	1100		980	ug/Kg	89				72	118	
1,2,4-Trichlorobenzene	1100		920	ug/Kg	84				57	103	
Benzoic acid	1100		870	ug/Kg	79				50	104	
Naphthalene	1100		910	ug/Kg	83				72	110	
4-Chloroaniline	1100		330	ug/Kg	30				10	100	
Hexachlorobutadiene	1100		910	ug/Kg	83				66	114	
Caprolactam	1100		920	ug/Kg	84				51	134	
4-Chloro-3-methylphenol	1100		990	ug/Kg	90				57	132	
2-Methylnaphthalene	1100		920	ug/Kg	84				59	123	
Hexachlorocyclopentadiene	2100		2300	ug/Kg	110				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		980	ug/Kg	89				72	117	
1,1-Biphenyl	1100		900	ug/Kg	82				75	113	
2-Chloronaphthalene	1100		950	ug/Kg	86				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		680	ug/Kg	62				20	111	
Acenaphthene	1100		960	ug/Kg	87				70	121	
Total PAH	17600		14680	ug/Kg	83				70	121	
2,4-Dinitrophenol	2100		1400	ug/Kg	67				16	160	
4-Nitrophenol	2100		1600	ug/Kg	76				45	133	
Dibenzofuran	1100		930	ug/Kg	85				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1000	ug/Kg	91				70	112	
4-Chlorophenyl-phenylether	1100		930	ug/Kg	85				71	108	
Fluorene	1100		880	ug/Kg	80				68	116	
4-Nitroaniline	1100		840	ug/Kg	76				55	120	
4,6-Dinitro-2-methylphenol	1100		980	ug/Kg	89				32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		940	ug/Kg	85				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2100		1600	ug/Kg	76				47	128	
Phenanthrene	1100		970	ug/Kg	88				72	113	
Anthracene	1100		980	ug/Kg	89				62	124	
Carbazole	1100		880	ug/Kg	80				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		820	ug/Kg	75				59	125	
Benzydine	2100		1600	ug/Kg	76				10	119	
Pyrene	1100		790	ug/Kg	72				52	128	
Butylbenzylphthalate	1100		1200	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	1100		870	ug/Kg	79				10	164	
Benzo(a)anthracene	1100		1000	ug/Kg	91				71	114	
Chrysene	1100		1000	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136	*			66	127	
Di-n-octyl phthalate	1100		1800	ug/Kg	164	*			71	126	
Benzo(b)fluoranthene	1100		1000	ug/Kg	91				67	121	
Benzo(k)fluoranthene	1100		1000	ug/Kg	91				74	114	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		800	ug/Kg	73				61	125	
Dibenz(a,h)anthracene	1100		790	ug/Kg	72				67	130	
Benzo(g,h,i)perylene	1100		680	ug/Kg	62				53	140	
1,2,4,5-Tetrachlorobenzene	1100		920	ug/Kg	84				69	124	
1,4-Dioxane	1100		790	ug/Kg	72				46	112	
2,3,4,6-Tetrachlorophenol	1100		930	ug/Kg	85				56	133	
1-Methylnaphthalene	1100		860	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2976-01MSD		Client Sample ID: MH-K-COMPMSD		DataFile: BF138283.D							
n-Nitrosodimethylamine	1100		990	ug/Kg	90		6		66	124	20
Pyridine	1100		910	ug/Kg	83		8		45	119	20
Benzaldehyde	1100		430	ug/Kg	39		5		26	163	20
Aniline	1100		840	ug/Kg	76		4		10	88	20
Phenol	1100		1100	ug/Kg	100		11		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		2		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		9		61	138	20
1,2-Dichlorobenzene	1100		990	ug/Kg	90		6		61	105	20
1,3-Dichlorobenzene	1100		960	ug/Kg	87		5		62	101	20
1,4-Dichlorobenzene	1100		960	ug/Kg	87		4		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		9		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		11		66	122	20
2,2-oxybis(1-Chloropropane)	1100		980	ug/Kg	89		5		52	115	20
Acetophenone	1100		900	ug/Kg	82		6		75	111	20
3+4-Methylphenols	1100		980	ug/Kg	89		7		53	132	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		6		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		4		65	117	20
Nitrobenzene	1100		980	ug/Kg	89		5		70	119	20
Isophorone	1100		1000	ug/Kg	91		1		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		0		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		9		83	144	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		1		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		2		72	118	20
1,2,4-Trichlorobenzene	1100		970	ug/Kg	88		5		57	103	20
Benzoic acid	1100		960	ug/Kg	87		10		50	104	20
Naphthalene	1100		950	ug/Kg	86		4		72	110	20
4-Chloroaniline	1100		380	ug/Kg	35		15		10	100	20
Hexachlorobutadiene	1100		960	ug/Kg	87		5		66	114	20
Caprolactam	1100		1000	ug/Kg	91		8		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		11		57	132	20
2-Methylnaphthalene	1100		970	ug/Kg	88		5		59	123	20
Hexachlorocyclopentadiene	2100		2500	ug/Kg	119		8		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		9		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		2		72	117	20
1,1-Biphenyl	1100		940	ug/Kg	85		4		75	113	20
2-Chloronaphthalene	1100		1000	ug/Kg	91		6		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		9		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		0		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		9		79	118	20
2,6-Dinitrotoluene	1100		1200	ug/Kg	109		9		70	125	20
3-Nitroaniline	1100		730	ug/Kg	66		6		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		4		70	121	20
Total PAH	17600		15690	ug/Kg	89		7		70	121	20
2,4-Dinitrophenol	2100		1600	ug/Kg	76		13		16	160	20
4-Nitrophenol	2100		1800	ug/Kg	86		12		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		7		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2400	ug/Kg	109		9		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		9		70	112	20
4-Chlorophenyl-phenylether	1100		980	ug/Kg	89		5		71	108	20
Fluorene	1100		940	ug/Kg	85		6		68	116	20
4-Nitroaniline	1100		940	ug/Kg	85		11		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		12		32	145	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		0		73	118	20
Azobenzene	1100		1000	ug/Kg	91		7		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		9		67	118	20
Atrazine	1100		1200	ug/Kg	109		9		79	127	20
Pentachlorophenol	2100		1600	ug/Kg	76		0		47	128	20
Phenanthrene	1100		1000	ug/Kg	91		3		72	113	20
Anthracene	1100		1000	ug/Kg	91		2		62	124	20
Carbazole	1100		930	ug/Kg	85		6		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		880	ug/Kg	80		6		59	125	20
Benzydine	2100		1900	ug/Kg	90		17		10	119	20
Pyrene	1100		880	ug/Kg	80		11		52	128	20
Butylbenzylphthalate	1100		1300	ug/Kg	118		8		64	126	20
3,3-Dichlorobenzidine	1100		930	ug/Kg	85		7		10	164	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		9		71	114	20
Chrysene	1100		1100	ug/Kg	100		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136	*	0		66	127	20
Di-n-octyl phthalate	1100		1900	ug/Kg	173	*	5		71	126	20
Benzo(b)fluoranthene	1100		1100	ug/Kg	100		9		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		9		74	114	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		850	ug/Kg	77		5		61	125	20
Dibenz(a,h)anthracene	1100		860	ug/Kg	78		8		67	130	20
Benzo(g,h,i)perylene	1100		730	ug/Kg	66		6		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		950	ug/Kg	86		2		69	124	20
1,4-Dioxane	1100		820	ug/Kg	75		4		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		7		56	133	20
1-Methylnaphthalene	1100		930	ug/Kg	85		9		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF062124**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2976-01	MH-K-COMP	BF138281.D	2-Fluorophenol	150	108.12	72		18	112
			Phenol-d6	150	103.68	69		15	107
			Nitrobenzene-d5	100	73.93	74		18	107
			2-Fluorobiphenyl	100	72.43	72		20	109
			2,4,6-Tribromophenol	150	98.94	66		10	110
			Terphenyl-d14	100	65.55	66		14	112
P2976-01MS	MH-K-COMPMS	BF138282.D	2-Fluorophenol	150	102.61	68		18	112
			Phenol-d6	150	103.02	69		15	107
			Nitrobenzene-d5	100	72.48	72		18	107
			2-Fluorobiphenyl	100	69.39	69		20	109
			2,4,6-Tribromophenol	150	99.61	66		10	110
			Terphenyl-d14	100	63.38	63		14	112
P2976-01MSD	MH-K-COMPMSD	BF138283.D	2-Fluorophenol	150	109.04	73		18	112
			Phenol-d6	150	109.49	73		15	107
			Nitrobenzene-d5	100	76.69	77		18	107
			2-Fluorobiphenyl	100	73.25	73		20	109
			2,4,6-Tribromophenol	150	108.59	72		10	110
			Terphenyl-d14	100	69.83	70		14	112
P2977-01	OSTL-A1	BF138294.D	2-Fluorophenol	150	79.52	53		18	112
			Phenol-d6	150	77.31	52		15	107
			Nitrobenzene-d5	100	53.80	54		18	107
			2-Fluorobiphenyl	100	55.80	56		20	109
			2,4,6-Tribromophenol	150	69.76	47		10	110
			Terphenyl-d14	100	42.08	42		14	112
P2977-03	OSTL-A3	BF138284.D	2-Fluorophenol	150	76.73	51		18	112
			Phenol-d6	150	74.95	50		15	107
			Nitrobenzene-d5	100	52.86	53		18	107
			2-Fluorobiphenyl	100	54.40	54		20	109
			2,4,6-Tribromophenol	150	66.80	45		10	110
			Terphenyl-d14	100	43.60	44		14	112
P2977-04	OSTL-A4	BF138285.D	2-Fluorophenol	150	72.54	48		18	112
			Phenol-d6	150	69.98	47		15	107
			Nitrobenzene-d5	100	48.91	49		18	107
			2-Fluorobiphenyl	100	50.80	51		20	109
			2,4,6-Tribromophenol	150	61.37	41		10	110
			Terphenyl-d14	100	41.21	41		14	112
P2977-05	OSTL-A5	BF138286.D	2-Fluorophenol	150	54.77	37		18	112
			Phenol-d6	150	53.61	36		15	107
			Nitrobenzene-d5	100	36.98	37		18	107
			2-Fluorobiphenyl	100	39.88	40		20	109
			2,4,6-Tribromophenol	150	45.47	30		10	110
			Terphenyl-d14	100	32.07	32		14	112
P2977-06	OSTL-A6	BF138295.D	2-Fluorophenol	150	80.10	53		18	112
			Phenol-d6	150	77.11	51		15	107
			Nitrobenzene-d5	100	55.29	55		18	107
			2-Fluorobiphenyl	100	57.83	58		20	109
			2,4,6-Tribromophenol	150	69.83	47		10	110
			Terphenyl-d14	100	42.48	42		14	112
P2977-07	OSTL-B1	BF138298.D	2-Fluorophenol	150	81.60	54		18	112

Surrogate Summary

SW-846

SDG No.: **BF062124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2977-07	OSTL-B1	BF138298.D	Phenol-d6	150	78.28	52		15	107
			Nitrobenzene-d5	100	55.35	55		18	107
			2-Fluorobiphenyl	100	58.70	59		20	109
			2,4,6-Tribromophenol	150	71.24	47		10	110
			Terphenyl-d14	100	43.30	43		14	112
P2977-08	OSTL-B2	BF138287.D	2-Fluorophenol	150	75.63	50		18	112
			Phenol-d6	150	71.85	48		15	107
			Nitrobenzene-d5	100	50.65	51		18	107
			2-Fluorobiphenyl	100	51.34	51		20	109
			2,4,6-Tribromophenol	150	63.89	43		10	110
P2977-09	OSTL-B3	BF138288.D	Terphenyl-d14	100	43.28	43		14	112
			2-Fluorophenol	150	57.12	38		18	112
			Phenol-d6	150	54.55	36		15	107
			Nitrobenzene-d5	100	37.93	38		18	107
			2-Fluorobiphenyl	100	34.73	35		20	109
P2977-10	OSTL-B4	BF138289.D	2,4,6-Tribromophenol	150	39.51	26		10	110
			Terphenyl-d14	100	30.86	31		14	112
			2-Fluorophenol	150	73.06	49		18	112
			Phenol-d6	150	69.80	47		15	107
			Nitrobenzene-d5	100	49.36	49		18	107
P2977-12	OSTL-B6	BF138290.D	2-Fluorobiphenyl	100	49.77	50		20	109
			2,4,6-Tribromophenol	150	62.14	41		10	110
			Terphenyl-d14	100	39.48	39		14	112
			2-Fluorophenol	150	56.44	38		18	112
			Phenol-d6	150	54.21	36		15	107
P2977-13	OSTL-C1	BF138296.D	Nitrobenzene-d5	100	37.98	38		18	107
			2-Fluorobiphenyl	100	34.65	35		20	109
			2,4,6-Tribromophenol	150	39.15	26		10	110
			Terphenyl-d14	100	31.47	31		14	112
			2-Fluorophenol	150	85.36	57		18	112
P2977-14	OSTL-C2	BF138291.D	Phenol-d6	150	82.91	55		15	107
			Nitrobenzene-d5	100	57.36	57		18	107
			2-Fluorobiphenyl	100	58.05	58		20	109
			2,4,6-Tribromophenol	150	72.80	49		10	110
			Terphenyl-d14	100	43.94	44		14	112
P2977-15	OSTL-C3	BF138292.D	2-Fluorophenol	150	77.63	52		18	112
			Phenol-d6	150	73.87	49		15	107
			Nitrobenzene-d5	100	52.24	52		18	107
			2-Fluorobiphenyl	100	54.22	54		20	109
			2,4,6-Tribromophenol	150	65.96	44		10	110
P2977-17	OSTL-C5	BF138293.D	Terphenyl-d14	100	42.62	43		14	112
			2-Fluorophenol	150	73.03	49		18	112
			Phenol-d6	150	69.87	47		15	107
			Nitrobenzene-d5	100	50.22	50		18	107
			2-Fluorobiphenyl	100	51.65	52		20	109
P2977-17	OSTL-C5	BF138293.D	2,4,6-Tribromophenol	150	65.96	44		10	110
			Terphenyl-d14	100	43.45	43		14	112
P2977-17	OSTL-C5	BF138293.D	2-Fluorophenol	150	70.81	47		18	112
			Phenol-d6	150	68.48	46		15	107

Surrogate Summary

SW-846

SDG No.: **BF062124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2977-17	OSTL-C5	BF138293.D	Nitrobenzene-d5	100	47.78	48		18	107
			2-Fluorobiphenyl	100	49.61	50		20	109
			2,4,6-Tribromophenol	150	59.20	39		10	110
			Terphenyl-d14	100	39.40	39		14	112
P2977-18	OSTL-C6	BF138297.D	2-Fluorophenol	150	81.87	55		18	112
			Phenol-d6	150	78.66	52		15	107
			Nitrobenzene-d5	100	54.50	54		18	107
			2-Fluorobiphenyl	100	53.17	53		20	109
P2977-19	OSTL-D1	BF138299.D	2,4,6-Tribromophenol	150	68.79	46		10	110
			Terphenyl-d14	100	42.71	43		14	112
			2-Fluorophenol	150	82.97	55		18	112
			Phenol-d6	150	81.75	54		15	107
PB161600BL	PB161600BL	BF138279.D	Nitrobenzene-d5	100	56.73	57		18	107
			2-Fluorobiphenyl	100	58.01	58		20	109
			2,4,6-Tribromophenol	150	71.87	48		10	110
			Terphenyl-d14	100	44.95	45		14	112
PB161600BS	PB161600BS	BF138280.D	2-Fluorophenol	150	111.29	74		18	112
			Phenol-d6	150	107.51	72		15	107
			Nitrobenzene-d5	100	77.14	77		18	107
			2-Fluorobiphenyl	100	67.69	68		20	109
			2,4,6-Tribromophenol	150	120.97	81		10	110
			Terphenyl-d14	100	68.71	69		14	112
			2-Fluorophenol	150	109.86	73		18	112
			Phenol-d6	150	109.69	73		15	107
			Nitrobenzene-d5	100	77.68	78		18	107
			2-Fluorobiphenyl	100	68.42	68		20	109
			2,4,6-Tribromophenol	150	121.36	81		10	110
			Terphenyl-d14	100	80.19	80		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062124

Lab Code: CHEM

SAS No.: BF062124

SDG NO.: BF062124

Lab File ID: BF138277.D

DFTPP Injection Date: 06/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.6
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	25.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF138278.D	06/21/2024	11:21
PB161600BL	PB161600BL	BF138279.D	06/21/2024	11:50
PB161600BS	PB161600BS	BF138280.D	06/21/2024	12:20
MH-K-COMP	P2976-01	BF138281.D	06/21/2024	12:54
MH-K-COMPMS	P2976-01MS	BF138282.D	06/21/2024	13:25
MH-K-COMPMSD	P2976-01MSD	BF138283.D	06/21/2024	13:55
OSTL-A3	P2977-03	BF138284.D	06/21/2024	14:26
OSTL-A4	P2977-04	BF138285.D	06/21/2024	14:57
OSTL-A5	P2977-05	BF138286.D	06/21/2024	15:28
OSTL-B2	P2977-08	BF138287.D	06/21/2024	15:59
OSTL-B3	P2977-09	BF138288.D	06/21/2024	16:30
OSTL-B4	P2977-10	BF138289.D	06/21/2024	17:01
OSTL-B6	P2977-12	BF138290.D	06/21/2024	17:32
OSTL-C2	P2977-14	BF138291.D	06/21/2024	18:03
OSTL-C3	P2977-15	BF138292.D	06/21/2024	18:34
OSTL-C5	P2977-17	BF138293.D	06/21/2024	19:04
OSTL-A1	P2977-01	BF138294.D	06/21/2024	19:35
OSTL-A6	P2977-06	BF138295.D	06/21/2024	20:06

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062124

Lab Code: CHEM

SAS No.: BF062124

SDG NO.: BF062124

Lab File ID: BF138277.D

DFTPP Injection Date: 06/21/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.6
68	Less than 2.0% of mass 69	0.4 (1.7) 1
69	Mass 69 relative abundance	25.3
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	37
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
OSTL-C1	P2977-13	BF138296.D	06/21/2024	20:37
OSTL-C6	P2977-18	BF138297.D	06/21/2024	21:07
OSTL-B1	P2977-07	BF138298.D	06/21/2024	21:38
OSTL-D1	P2977-19	BF138299.D	06/21/2024	22:08