

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF062424 SAS No.: BF062424 SDG No.: BF062424

Instrument ID: BNA_F Calibration Date/Time: 6/24/2024 1:10:39

Lab File ID: BF138301.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	0.527		-12.458	
Pyridine	1.300	1.143		-12.077	
2-Fluorophenol	1.196	1.137		-4.933	
Benzaldehyde	0.805	0.816		1.366	
Aniline	1.483	1.366		-7.889	
Phenol-d6	1.516	1.412		-6.86	
Phenol	1.539	1.486		-3.444	20.0
bis(2-Chloroethyl) ether	1.231	1.180		-4.143	
2-Chlorophenol	1.293	1.247		-3.558	
1,2-Dichlorobenzene	1.388	1.313		-5.403	
1,3-Dichlorobenzene	1.469	1.385		-5.718	
1,4-Dichlorobenzene	1.478	1.406		-4.871	20.0
Benzyl Alcohol	1.022	0.986		-3.523	
2-Methylphenol	1.020	0.988		-3.137	
2,2-oxybis(1-Chloropropane)	1.738	1.550		-10.817	
Acetophenone	0.457	0.405		-11.379	
3+4-Methylphenols	1.284	1.190		-7.321	
n-Nitroso-di-n-propylamine	0.899	0.823	0.050	-8.454	
Nitrobenzene-d5	0.344	0.327		-4.942	
Hexachloroethane	0.501	0.500		-0.2	
Nitrobenzene	0.355	0.332		-6.479	
Isophorone	0.621	0.581		-6.441	
2-Nitrophenol	0.143	0.172		20.28	20.0
2,4-Dimethylphenol	0.217	0.201		-7.373	
bis(2-Chloroethoxy) methane	0.389	0.369		-5.141	
2,4-Dichlorophenol	0.280	0.270		-3.571	20.0
1,2,4-Trichlorobenzene	0.330	0.312		-5.455	
Benzoic acid	0.191	0.212		10.995	
Naphthalene	0.989	0.914		-7.583	
4-Chloroaniline	0.370	0.336		-9.189	
Hexachlorobutadiene	0.193	0.189		-2.073	20.0
Caprolactam	0.084	0.080		-4.762	
4-Chloro-3-methylphenol	0.278	0.267		-3.957	20.0
2-Methylnaphthalene	0.649	0.605		-6.78	
Hexachlorocyclopentadiene	0.191	0.197	0.050	3.141	
2,4,6-Trichlorophenol	0.366	0.360		-1.639	20.0
2-Fluorobiphenyl	1.258	1.101		-12.48	
2,4,5-Trichlorophenol	0.402	0.395		-1.741	
1,1-Biphenyl	1.468	1.361		-7.289	

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Lab File ID: BF138301.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	1.087		-6.293	
2-Nitroaniline	0.279	0.287		2.867	
Dimethylphthalate	1.225	1.185		-3.265	
Acenaphthylene	1.626	1.504		-7.503	
2,6-Dinitrotoluene	0.266	0.292		9.774	
3-Nitroaniline	0.284	0.286		0.704	
Acenaphthene	1.109	1.033		-6.853	20.0
2,4-Dinitrophenol	0.104	0.123	0.050	18.269	
4-Nitrophenol	0.224	0.201	0.050	-10.268	
Dibenzofuran	1.550	1.423		-8.194	
2,4-Dinitrotoluene	0.328	0.368		12.195	
Diethylphthalate	1.163	1.153		-0.86	
4-Chlorophenyl-phenylether	0.607	0.569		-6.26	
Fluorene	1.219	1.107		-9.188	
4-Nitroaniline	0.284	0.278		-2.113	
4,6-Dinitro-2-methylphenol	0.090	0.108		20.0	
n-Nitrosodiphenylamine	0.612	0.573		-6.373	20.0
Azobenzene	1.165	1.069		-8.24	
2,4,6-Tribromophenol	0.199	0.202		1.508	
4-Bromophenyl-phenylether	0.225	0.220		-2.222	
Hexachlorobenzene	0.263	0.252		-4.183	
Atrazine	0.174	0.160		-8.046	
Pentachlorophenol	0.153	0.148		-3.268	20.0
Phenanthrene	0.989	0.899		-9.1	
Anthracene	0.982	0.897		-8.656	
Carbazole	0.901	0.798		-11.432	
Di-n-butylphthalate	0.932	0.940		0.858	
Fluoranthene	1.009	0.898		-11.001	20.0
Benzidine	0.231	0.389		68.398	
Pyrene	1.725	1.775		2.899	
Terphenyl-d14	1.263	1.318		4.355	
Butylbenzylphthalate	0.469	0.565		20.469	
3,3-Dichlorobenzidine	0.353	0.405		14.731	
Benzo(a)anthracene	1.283	1.211		-5.612	
Chrysene	1.223	1.171		-4.252	
Bis(2-ethylhexyl)phthalate	0.546	0.692		26.74	
Di-n-octyl phthalate	0.811	1.113		37.238	20.0
Benzo(b)fluoranthene	1.179	1.055		-10.517	
Benzo(k)fluoranthene	1.156	1.077		-6.834	

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF062424 SAS No.: BF062424 SDG No.: BF062424
 Instrument ID: BNA_F Calibration Date/Time: 6/24/2024 1:10:39
 Lab File ID: BF138301.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	0.961		-5.133	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.356		3.988	
Dibenzo(a,h)anthracene	1.070	1.118		4.486	
Benzo(g,h,i)perylene	1.107	1.146		3.523	
1,2,4,5-Tetrachlorobenzene	0.584	0.551		-5.651	
1,4-Dioxane	0.547	0.506		-7.495	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.312		-0.637	
1-Methylnaphthalene	0.636	0.598		-5.975	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	PB161624BL			SDG No.:	BF062424	
Lab Sample ID:	PB161624BL			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
BF138302.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BL	SDG No.:	BF062424
Lab Sample ID:	PB161624BL	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
BF138302.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BL	SDG No.:	BF062424
Lab Sample ID:	PB161624BL	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
BF138302.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	120.19		18-112		80	SPK: -150
13127-88-3	Phenol-d6	115.446		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	82.948		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	75.371		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BL	SDG No.:	BF062424
Lab Sample ID:	PB161624BL	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
BF138302.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.814		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	84.119		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	293705	6.881				
1146-65-2	Naphthalene-d8	1141826	8.163				
15067-26-2	Acenaphthene-d10	649106	9.916				
1517-22-2	Phenanthrene-d10	1149351	11.404				
1719-03-5	Chrysene-d12	646592	14.039				
1520-96-3	Perylene-d12	591262	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	91.6	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	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:	PB161566TB	SDG No.:	BF062424
Lab Sample ID:	PB161566TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138303.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

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:	PB161566TB	SDG No.:	BF062424
Lab Sample ID:	PB161566TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138303.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

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:	PB161566TB	SDG No.:	BF062424
Lab Sample ID:	PB161566TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138303.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.438		10-139		80	SPK: -150
13127-88-3	Phenol-d6	114.52		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	82.755		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	74.671		52-132		75	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:	PB161566TB	SDG No.:	BF062424
Lab Sample ID:	PB161566TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	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
BF138303.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.384		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	84.14		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294216	6.881				
1146-65-2	Naphthalene-d8	1147120	8.163				
15067-26-2	Acenaphthene-d10	656036	9.916				
1517-22-2	Phenanthrene-d10	1162594	11.404				
1719-03-5	Chrysene-d12	655524	14.039				
1520-96-3	Perylene-d12	597240	15.515				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BS	SDG No.:	BF062424
Lab Sample ID:	PB161624BS	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
BF138304.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1200		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	1100		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	2000		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	640		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BS	SDG No.:	BF062424
Lab Sample ID:	PB161624BS	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
BF138304.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	25600		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BS	SDG No.:	BF062424
Lab Sample ID:	PB161624BS	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
BF138304.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	1400		160	270	330	ug/Kg
129-00-0	Pyrene	1700		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2100		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		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	1900		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		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	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.916		18-112		83	SPK: -150
13127-88-3	Phenol-d6	123.339		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	86.079		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	78.724		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	PB161624BS	SDG No.:	BF062424
Lab Sample ID:	PB161624BS	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
BF138304.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.853		10-110		92	SPK: -150
1718-51-0	Terphenyl-d14	96.33		14-112		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	291759	6.887				
1146-65-2	Naphthalene-d8	1164919	8.169				
15067-26-2	Acenaphthene-d10	647653	9.928				
1517-22-2	Phenanthrene-d10	1112423	11.41				
1719-03-5	Chrysene-d12	540785	14.045				
1520-96-3	Perylene-d12	592666	15.515				

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:	PB161589TB	SDG No.:	BF062424
Lab Sample ID:	PB161589TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138305.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

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:	PB161589TB	SDG No.:	BF062424
Lab Sample ID:	PB161589TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138305.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

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:	PB161589TB	SDG No.:	BF062424
Lab Sample ID:	PB161589TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138305.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	123.944		10-139		83	SPK: -150
13127-88-3	Phenol-d6	117.914		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	84.426		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	77.469		52-132		77	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:	PB161589TB	SDG No.:	BF062424
Lab Sample ID:	PB161589TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138305.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.234		32-145		85	SPK: -150
1718-51-0	Terphenyl-d14	88.988		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	279015	6.881				
1146-65-2	Naphthalene-d8	1097180	8.163				
15067-26-2	Acenaphthene-d10	617558	9.916				
1517-22-2	Phenanthrene-d10	1099670	11.404				
1719-03-5	Chrysene-d12	599777	14.039				
1520-96-3	Perylene-d12	571485	15.515				

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:	PB161565TB	SDG No.:	BF062424
Lab Sample ID:	PB161565TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138306.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

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:	PB161565TB	SDG No.:	BF062424
Lab Sample ID:	PB161565TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	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
BF138306.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

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:	PB161565TB	SDG No.:	BF062424
Lab Sample ID:	PB161565TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
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
BF138306.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.399		10-139		80	SPK: -150
13127-88-3	Phenol-d6	115.923		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	82.026		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	75.092		52-132		75	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:	PB161565TB	SDG No.:	BF062424
Lab Sample ID:	PB161565TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	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
BF138306.D	1	6/20/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161609

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.435		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	83.627		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292992	6.881				
1146-65-2	Naphthalene-d8	1155029	8.163				
15067-26-2	Acenaphthene-d10	655765	9.916				
1517-22-2	Phenanthrene-d10	1163917	11.404				
1719-03-5	Chrysene-d12	644681	14.039				
1520-96-3	Perylene-d12	600197	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-D2	SDG No.:	BF062424
Lab Sample ID:	P2977-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
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
BF138307.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	160	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	220	ug/Kg
108-95-2	Phenol	100	U	100	160	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	220	ug/Kg
98-86-2	Acetophenone	110	U	110	160	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51	U	51	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	160	220	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	220	ug/Kg
78-59-1	Isophorone	110	U	110	160	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	220	ug/Kg
120-83-2	2,4-Dichlorophenol	95.6	U	95.6	160	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	220	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	160	220	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-D2	SDG No.:	BF062424
Lab Sample ID:	P2977-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
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
BF138307.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.2	U	98.2	160	220	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90.4	U	90.4	160	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.7	U	93.7	160	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	160	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	220	ug/Kg
Total PAH	Total PAH	1668.9	U	1668.9	160	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	160	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	220	ug/Kg
86-73-7	Fluorene	110	U	110	160	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	160	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	220	ug/Kg
103-33-3	Azobenzene	100	U	100	160	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.9	U	99.9	160	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	220	ug/Kg
1912-24-9	Atrazine	120	U	120	160	220	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-D2	SDG No.:	BF062424
Lab Sample ID:	P2977-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
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
BF138307.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.9	U	97.9	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	220	ug/Kg
120-12-7	Anthracene	110	U	110	160	220	ug/Kg
86-74-8	Carbazole	100	U	100	160	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	220	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	110	U	110	160	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	220	ug/Kg
218-01-9	Chrysene	100	U	100	160	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	160	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	160	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.9	U	98.9	160	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	160	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.6	U	94.6	160	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.529		18-112		56	SPK: -150
13127-88-3	Phenol-d6	82.91		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	57.056		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	54.504		20-109		55	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-D2	SDG No.:	BF062424
Lab Sample ID:	P2977-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
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
BF138307.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.562		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	49.558		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	257061	6.881				
1146-65-2	Naphthalene-d8	968015	8.163				
15067-26-2	Acenaphthene-d10	518554	9.916				
1517-22-2	Phenanthrene-d10	801977	11.404				
1719-03-5	Chrysene-d12	513955	14.039				
1520-96-3	Perylene-d12	605775	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.175	
000067-63-0	Isopropyl Alcohol	320	J			3.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	170	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	230	J			8.475	
	unknown10.016	300	J			10.016	
000057-10-3	n-Hexadecanoic acid	1400	J			11.933	
000057-11-4	Octadecanoic acid	1300	J			12.716	
1000351-74-9	Octacosyl trifluoroacetate	250	J			13.892	
007098-22-8	Tetratetracontane	140	J			14.233	
000593-45-3	Octadecane	120	J			14.509	
000629-94-7	Heneicosane	140	J			14.71	
067860-04-2	Oxirane, heptadecyl-	200	J			14.968	
000629-92-5	Nonadecane	170	J			15.162	
1000351-84-1	Tetratriacontyl heptafluorobutyrate	490	J			15.204	
004113-12-6	Hexadecane, 1,1-oxybis-	200	J			15.756	
1000406-32-1	Hexacosane, 1-iodo-	160	J			15.992	
007494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-o	200	J			16.421	
081654-73-1	D-Friedoolean-14-en-3-ol	1100	J			17.18	

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-D2	SDG No.:	BF062424
Lab Sample ID:	P2977-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.2
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
BF138307.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000465-02-1	Germanicol	560	J			17.356	

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:	WCS-TPL	SDG No.:	BF062424
Lab Sample ID:	P2998-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.04	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
BF138308.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.7	U	55.7	170	210	ug/Kg
110-86-1	Pyridine	51.2	U	51.2	83.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.1	U	62.1	83.4	110	ug/Kg
108-95-2	Phenol	53.2	U	53.2	83.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.7	U	53.7	83.4	110	ug/Kg
95-57-8	2-Chlorophenol	53.5	U	53.5	83.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.2	U	54.2	83.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.1	U	55.1	83.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.5	U	55.5	83.4	110	ug/Kg
100-51-6	Benzyl Alcohol	53.2	U	53.2	170	210	ug/Kg
95-48-7	2-Methylphenol	51.7	U	51.7	83.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.3	U	58.3	83.4	110	ug/Kg
98-86-2	Acetophenone	55.7	U	55.7	83.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.2	U	51.2	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.8	U	25.8	51.3	51.3	ug/Kg
67-72-1	Hexachloroethane	53.2	U	53.2	83.4	110	ug/Kg
98-95-3	Nitrobenzene	58.2	U	58.2	83.4	110	ug/Kg
78-59-1	Isophorone	54.2	U	54.2	83.4	110	ug/Kg
88-75-5	2-Nitrophenol	60.6	U	60.6	83.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.8	U	59.8	83.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55	U	55	83.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.4	U	48.4	83.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.8	U	54.8	83.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53	U	53	83.4	110	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	83.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.4	U	53.4	83.4	110	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:	WCS-TPL	SDG No.:	BF062424
Lab Sample ID:	P2998-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.04	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
BF138308.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.7	U	55.7	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.7	U	49.7	83.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.9	U	52.9	83.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.8	U	45.8	83.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.4	U	47.4	83.4	110	ug/Kg
92-52-4	1,1-Biphenyl	56	U	56	83.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.4	U	53.4	83.4	110	ug/Kg
88-74-4	2-Nitroaniline	60.9	U	60.9	83.4	110	ug/Kg
131-11-3	Dimethylphthalate	52.4	U	52.4	83.4	110	ug/Kg
208-96-8	Acenaphthylene	55.5	U	55.5	83.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.3	U	53.3	83.4	110	ug/Kg
99-09-2	3-Nitroaniline	57.2	U	57.2	83.4	110	ug/Kg
83-32-9	Acenaphthene	52	U	52	83.4	110	ug/Kg
Total PAH	Total PAH	849.8	U	849.8	83.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.4	U	74.4	170	210	ug/Kg
132-64-9	Dibenzofuran	54.1	U	54.1	83.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.6	U	108.6	83.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.3	U	55.3	83.4	110	ug/Kg
84-66-2	Diethylphthalate	51.4	U	51.4	83.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.9	U	54.9	83.4	110	ug/Kg
86-73-7	Fluorene	54.8	U	54.8	83.4	110	ug/Kg
100-01-6	4-Nitroaniline	68.6	U	68.6	83.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75	U	75	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.3	U	52.3	83.4	110	ug/Kg
103-33-3	Azobenzene	51	U	51	83.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.6	U	50.6	83.4	110	ug/Kg
118-74-1	Hexachlorobenzene	54.5	U	54.5	83.4	110	ug/Kg
1912-24-9	Atrazine	58.6	U	58.6	83.4	110	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:	WCS-TPL	SDG No.:	BF062424
Lab Sample ID:	P2998-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.04	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
BF138308.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.6	U	49.6	170	210	ug/Kg
85-01-8	Phenanthrene	53.9	U	53.9	83.4	110	ug/Kg
120-12-7	Anthracene	54.1	U	54.1	83.4	110	ug/Kg
86-74-8	Carbazole	51.5	U	51.5	83.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.1	U	54.1	83.4	110	ug/Kg
206-44-0	Fluoranthene	52.4	U	52.4	83.4	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	53.2	U	53.2	83.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.1	U	62.1	83.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.2	U	63.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.7	U	51.7	83.4	110	ug/Kg
218-01-9	Chrysene	51	U	51	83.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.3	U	58.3	83.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.5	U	70.5	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	83.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	83.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.6	U	59.6	83.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.1	U	50.1	83.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.1	U	52.1	83.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.4	U	51.4	83.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.7	U	55.7	83.4	110	ug/Kg
123-91-1	1,4-Dioxane	70.5	U	70.5	83.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.9	U	47.9	83.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.3	U	53.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.526		18-112		64	SPK: -150
13127-88-3	Phenol-d6	95.325		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	68.194		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	67.783		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:	WCS-TPL	SDG No.:	BF062424
Lab Sample ID:	P2998-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.04	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
BF138308.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.158		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	59.556		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	270374	6.881				
1146-65-2	Naphthalene-d8	1020823	8.163				
15067-26-2	Acenaphthene-d10	548905	9.916				
1517-22-2	Phenanthrene-d10	825157	11.404				
1719-03-5	Chrysene-d12	543065	14.039				
1520-96-3	Perylene-d12	626266	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.181	
000057-55-6	Propylene Glycol	170	J			3.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.8	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	82.3	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	94.9	J			8.475	
	unknown10.016	590	J			10.016	
000629-92-5	Nonadecane	77.8	J			10.816	
013287-23-5	Heptadecane, 8-methyl-	45.3	J			11.269	
000057-10-3	n-Hexadecanoic acid	66.7	J			11.927	
000629-94-7	Heneicosane	48.5	J			12.492	
000057-11-4	Octadecanoic acid	82.1	J			12.716	
000301-02-0	9-Octadecenamide, (Z)-	120	J			13.468	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	110	J			13.892	

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:	WCS-TPLMS	SDG No.:	BF062424
Lab Sample ID:	P2998-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
Sample Wt/Vol:	50.05	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
BF138309.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	920		55.6	170	210	ug/Kg
110-86-1	Pyridine	790		51.2	83.3	110	ug/Kg
100-52-7	Benzaldehyde	370		120	170	210	ug/Kg
62-53-3	Aniline	830		62.1	83.3	110	ug/Kg
108-95-2	Phenol	980		53.1	83.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		53.7	83.3	110	ug/Kg
95-57-8	2-Chlorophenol	990		53.5	83.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	920		54.2	83.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	890		55.1	83.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	900		55.5	83.3	110	ug/Kg
100-51-6	Benzyl Alcohol	980		53.2	170	210	ug/Kg
95-48-7	2-Methylphenol	960		51.7	83.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		58.3	83.3	110	ug/Kg
98-86-2	Acetophenone	840		55.7	83.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	910		51.2	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	910		25.8	51.3	51.3	ug/Kg
67-72-1	Hexachloroethane	940		53.2	83.3	110	ug/Kg
98-95-3	Nitrobenzene	900		58.2	83.3	110	ug/Kg
78-59-1	Isophorone	960		54.2	83.3	110	ug/Kg
88-75-5	2-Nitrophenol	1200		60.6	83.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		59.7	83.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	970		55	83.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	980		48.4	83.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		54.7	83.3	110	ug/Kg
65-85-0	Benzoic acid	600		150	170	210	ug/Kg
91-20-3	Naphthalene	910		53	83.3	110	ug/Kg
106-47-8	4-Chloroaniline	610		53	83.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	910		53.4	83.3	110	ug/Kg



Client:				Date Collected:	6/20/2024 12:00:00 AM	
Project:				Date Received:	6/20/2024 12:00:00 AM	
Client Sample ID:	WCS-TPLMS			SDG No.:	BF062424	
Lab Sample ID:	P2998-01MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	6.5	
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
BF138309.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	890		55.6	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		49.7	83.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	930		52.9	83.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	E	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		45.8	83.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		47.4	83.3	110	ug/Kg
92-52-4	1,1-Biphenyl	900		56	83.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	950		53.4	83.3	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.9	83.3	110	ug/Kg
131-11-3	Dimethylphthalate	1000		52.4	83.3	110	ug/Kg
208-96-8	Acenaphthylene	1000		55.5	83.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		53.3	83.3	110	ug/Kg
99-09-2	3-Nitroaniline	800		57.2	83.3	110	ug/Kg
83-32-9	Acenaphthene	970		52	83.3	110	ug/Kg
Total PAH	Total PAH	14570		849.6	83.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		160	170	210	ug/Kg
100-02-7	4-Nitrophenol	1600		74.4	170	210	ug/Kg
132-64-9	Dibenzofuran	950		54.1	83.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		108.6	83.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		55.3	83.3	110	ug/Kg
84-66-2	Diethylphthalate	1000		51.3	83.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	930		54.9	83.3	110	ug/Kg
86-73-7	Fluorene	880		54.8	83.3	110	ug/Kg
100-01-6	4-Nitroaniline	860		68.6	83.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		75	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		52.3	83.3	110	ug/Kg
103-33-3	Azobenzene	920		51	83.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		50.6	83.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		54.5	83.3	110	ug/Kg
1912-24-9	Atrazine	1100		58.6	83.3	110	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:	WCS-TPLMS	SDG No.:	BF062424
Lab Sample ID:	P2998-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BF138309.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1700		49.6	170	210	ug/Kg
85-01-8	Phenanthrene	990		53.8	83.3	110	ug/Kg
120-12-7	Anthracene	1000		54.1	83.3	110	ug/Kg
86-74-8	Carbazole	890		51.5	83.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		54	83.3	110	ug/Kg
206-44-0	Fluoranthene	900		52.4	83.3	110	ug/Kg
92-87-5	Benzidine	1700	E	100	170	210	ug/Kg
129-00-0	Pyrene	740		53.2	83.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1200		62.1	83.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		63.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	990		51.7	83.3	110	ug/Kg
218-01-9	Chrysene	1000		51	83.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		58.3	83.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1900	E	70.5	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		52	83.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		53	83.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		59.6	83.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	700		50.1	83.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	700		52.1	83.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	590		51.3	83.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	910		55.6	83.3	110	ug/Kg
123-91-1	1,4-Dioxane	740		70.5	83.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950		47.9	83.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	880		53.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.373		18-112		63	SPK: -150
13127-88-3	Phenol-d6	93.311		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	65.992		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	67.407		20-109		67	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:	WCS-TPLMS	SDG No.:	BF062424
Lab Sample ID:	P2998-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BF138309.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.804		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	55.061		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265624	6.886				
1146-65-2	Naphthalene-d8	1017863	8.169				
15067-26-2	Acenaphthene-d10	529068	9.922				
1517-22-2	Phenanthrene-d10	746446	11.404				
1719-03-5	Chrysene-d12	546209	14.045				
1520-96-3	Perylene-d12	615674	15.515				

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:	WCS-TPLMSD	SDG No.:	BF062424
Lab Sample ID:	P2998-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BF138310.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	990		55.6	170	210	ug/Kg
110-86-1	Pyridine	880		51.2	83.3	110	ug/Kg
100-52-7	Benzaldehyde	400		120	170	210	ug/Kg
62-53-3	Aniline	890		62.1	83.3	110	ug/Kg
108-95-2	Phenol	1000		53.1	83.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		53.6	83.3	110	ug/Kg
95-57-8	2-Chlorophenol	1100		53.5	83.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		54.2	83.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		55.1	83.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	960		55.4	83.3	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		53.2	170	210	ug/Kg
95-48-7	2-Methylphenol	1000		51.6	83.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		58.2	83.3	110	ug/Kg
98-86-2	Acetophenone	890		55.7	83.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	960		51.1	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		25.8	51.3	51.3	ug/Kg
67-72-1	Hexachloroethane	1000		53.2	83.3	110	ug/Kg
98-95-3	Nitrobenzene	980		58.2	83.3	110	ug/Kg
78-59-1	Isophorone	1000		54.2	83.3	110	ug/Kg
88-75-5	2-Nitrophenol	1300		60.5	83.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		59.7	83.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		55	83.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48.4	83.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980		54.7	83.3	110	ug/Kg
65-85-0	Benzoic acid	700		150	170	210	ug/Kg
91-20-3	Naphthalene	960		52.9	83.3	110	ug/Kg
106-47-8	4-Chloroaniline	610		52.9	83.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	970		53.4	83.3	110	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:	WCS-TPLMSD	SDG No.:	BF062424
Lab Sample ID:	P2998-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BF138310.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	990		55.6	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49.7	83.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	980		52.9	83.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	99.9	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.7	83.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		47.4	83.3	110	ug/Kg
92-52-4	1,1-Biphenyl	960		56	83.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		53.4	83.3	110	ug/Kg
88-74-4	2-Nitroaniline	1200		60.9	83.3	110	ug/Kg
131-11-3	Dimethylphthalate	1100		52.3	83.3	110	ug/Kg
208-96-8	Acenaphthylene	1100		55.4	83.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		53.3	83.3	110	ug/Kg
99-09-2	3-Nitroaniline	880		57.1	83.3	110	ug/Kg
83-32-9	Acenaphthene	1000		52	83.3	110	ug/Kg
Total PAH	Total PAH	15500		848.9	83.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	170	210	ug/Kg
100-02-7	4-Nitrophenol	1700		74.3	170	210	ug/Kg
132-64-9	Dibenzofuran	1000		54.1	83.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		108.5	83.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		55.2	83.3	110	ug/Kg
84-66-2	Diethylphthalate	1100		51.3	83.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		54.8	83.3	110	ug/Kg
86-73-7	Fluorene	940		54.8	83.3	110	ug/Kg
100-01-6	4-Nitroaniline	950		68.6	83.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		75	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		52.3	83.3	110	ug/Kg
103-33-3	Azobenzene	990		51	83.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		50.6	83.3	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		54.5	83.3	110	ug/Kg
1912-24-9	Atrazine	1200		58.6	83.3	110	ug/Kg



Client:			Date Collected:	6/20/2024 12:00:00 AM	
Project:			Date Received:	6/20/2024 12:00:00 AM	
Client Sample ID:	WCS-TPLMSD		SDG No.:	BF062424	
Lab Sample ID:	P2998-01MSD		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	6.5	
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
BF138310.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	49.5	170	210	ug/Kg
85-01-8	Phenanthrene	1000		53.8	83.3	110	ug/Kg
120-12-7	Anthracene	1100		54.1	83.3	110	ug/Kg
86-74-8	Carbazole	940		51.4	83.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		54	83.3	110	ug/Kg
206-44-0	Fluoranthene	930		52.3	83.3	110	ug/Kg
92-87-5	Benzidine	2000	E	100	170	210	ug/Kg
129-00-0	Pyrene	810		53.2	83.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		62	83.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		63.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		51.7	83.3	110	ug/Kg
218-01-9	Chrysene	1100		50.9	83.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		58.3	83.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	E	70.5	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		52	83.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52.9	83.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		59.6	83.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	760		50	83.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760		52	83.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640		51.3	83.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		55.6	83.3	110	ug/Kg
123-91-1	1,4-Dioxane	790		70.5	83.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		47.9	83.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	920		53.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.281		18-112		68	SPK: -150
13127-88-3	Phenol-d6	99.714		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	71.192		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	71.014		20-109		71	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:	WCS-TPLMSD	SDG No.:	BF062424
Lab Sample ID:	P2998-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.5
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
BF138310.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.859		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	60.146		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264461	6.887				
1146-65-2	Naphthalene-d8	1011409	8.169				
15067-26-2	Acenaphthene-d10	524963	9.922				
1517-22-2	Phenanthrene-d10	757386	11.41				
1719-03-5	Chrysene-d12	521713	14.045				
1520-96-3	Perylene-d12	620494	15.521				

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-D6	SDG No.:	BF062424
Lab Sample ID:	P2977-24	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BF138311.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	93.3	U	93.3	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	96.8	U	96.8	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.7	U	97.7	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.5	U	97.5	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.8	U	98.8	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	96.9	U	96.9	320	390	ug/Kg
95-48-7	2-Methylphenol	94.1	U	94.1	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	93.2	U	93.2	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.1	U	47.1	93.4	93.4	ug/Kg
67-72-1	Hexachloroethane	96.9	U	96.9	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.8	U	98.8	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	88.2	U	88.2	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.7	U	99.7	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.5	U	96.5	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.5	U	96.5	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.3	U	97.3	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-D6	SDG No.:	BF062424
Lab Sample ID:	P2977-24	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BF138311.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	90.5	U	90.5	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.3	U	96.3	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.4	U	83.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.4	U	86.4	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.3	U	97.3	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.4	U	95.4	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.2	U	97.2	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.7	U	94.7	150	200	ug/Kg
Total PAH	Total PAH	1547.7	U	1547.7	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	98.6	U	98.6	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.2	U	197.2	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.5	U	93.5	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	99.8	U	99.8	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.3	U	95.3	150	200	ug/Kg
103-33-3	Azobenzene	93	U	93	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.1	U	92.1	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.3	U	99.3	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-D6	SDG No.:	BF062424
Lab Sample ID:	P2977-24	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BF138311.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.3	U	90.3	320	390	ug/Kg
85-01-8	Phenanthrene	98.1	U	98.1	150	200	ug/Kg
120-12-7	Anthracene	98.6	U	98.6	150	200	ug/Kg
86-74-8	Carbazole	93.8	U	93.8	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.4	U	98.4	150	200	ug/Kg
206-44-0	Fluoranthene	130	J	95.4	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	96.9	U	96.9	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	94.2	U	94.2	150	200	ug/Kg
218-01-9	Chrysene	92.8	U	92.8	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	120	J	94.7	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.5	U	96.5	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	91.2	U	91.2	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.8	U	94.8	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.5	U	93.5	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	87.2	U	87.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.2	U	97.2	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.263		18-112		51	SPK: -150
13127-88-3	Phenol-d6	73.465		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	51.146		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	52.459		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-D6	SDG No.:	BF062424
Lab Sample ID:	P2977-24	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
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
BF138311.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.423		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	41.292		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248036	6.881				
1146-65-2	Naphthalene-d8	938375	8.163				
15067-26-2	Acenaphthene-d10	487776	9.916				
1517-22-2	Phenanthrene-d10	692198	11.404				
1719-03-5	Chrysene-d12	527893	14.039				
1520-96-3	Perylene-d12	564845	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.169	
000057-55-6	Propylene Glycol	110	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.099	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	83.7	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.475	
000057-10-3	n-Hexadecanoic acid	170	J			11.928	
1000406-04-8	Pentadecafluorooctanoic acid, octa	210	J			13.886	
000112-95-8	Eicosane	120	J			14.51	
026627-85-0	Hexacosanal	170	J			14.969	
000629-92-5	Nonadecane	150	J			15.163	
010192-32-2	1-Tetracosene	210	J			15.192	
007390-81-0	Oxirane, hexadecyl-	130	J			15.757	
000629-94-7	Heneicosane	170	J			15.992	
000930-02-9	Octadecane, 1-(ethenyloxy)-	210	J			16.051	
351222-66-7	Valerena-4,7(11)-diene	99.7	J			17.18	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF062424
Lab Sample ID:	P2847-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BF138312.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	96.2	U	96.2	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	99.8	U	99.8	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	99.9	U	99.9	320	400	ug/Kg
95-48-7	2-Methylphenol	97	U	97	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	96	U	96	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.5	U	48.5	96.3	96.3	ug/Kg
67-72-1	Hexachloroethane	99.9	U	99.9	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	90.9	U	90.9	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	290	U	290	320	400	ug/Kg
91-20-3	Naphthalene	99.4	U	99.4	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.4	U	99.4	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF062424
Lab Sample ID:	P2847-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BF138312.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	93.3	U	93.3	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99.3	U	99.3	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.9	U	85.9	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.1	U	89.1	160	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98.3	U	98.3	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.6	U	97.6	160	200	ug/Kg
Total PAH	Total PAH	5220	U	1583.1	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)	200	U	200	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	96.4	U	96.4	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	98.2	U	98.2	160	200	ug/Kg
103-33-3	Azobenzene	95.8	U	95.8	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95	U	95	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:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF062424
Lab Sample ID:	P2847-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BF138312.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93	U	93	320	400	ug/Kg
85-01-8	Phenanthrene	390		100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.6	U	96.6	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	960		98.3	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	320	400	ug/Kg
129-00-0	Pyrene	610		99.9	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	480		97.1	160	200	ug/Kg
218-01-9	Chrysene	580		95.7	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	890		97.6	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	260		99.4	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	570		110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		94	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.7	U	97.7	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		96.4	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	89.9	U	89.9	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.803		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.9		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	56.689		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	66.723		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-3	SDG No.:	BF062424
Lab Sample ID:	P2847-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BF138312.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.617		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	43.844		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264774	6.881				
1146-65-2	Naphthalene-d8	980945	8.163				
15067-26-2	Acenaphthene-d10	446790	9.916				
1517-22-2	Phenanthrene-d10	597949	11.404				
1719-03-5	Chrysene-d12	485399	14.045				
1520-96-3	Perylene-d12	428447	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-D4			SDG No.:	BF062424		
Lab Sample ID:	P2977-22			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14.5		
Sample Wt/Vol:	30.07	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
BF138313.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	93.2	U	93.2	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	96.7	U	96.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.7	U	97.7	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.4	U	97.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.7	U	98.7	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	96.9	U	96.9	320	390	ug/Kg
95-48-7	2-Methylphenol	94	U	94	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	93.1	U	93.1	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47	U	47	93.3	93.3	ug/Kg
67-72-1	Hexachloroethane	96.9	U	96.9	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.7	U	98.7	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	88.1	U	88.1	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.7	U	99.7	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	96.4	U	96.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.4	U	96.4	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.2	U	97.2	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-D4	SDG No.:	BF062424
Lab Sample ID:	P2977-22	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF138313.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	90.4	U	90.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.3	U	96.3	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.3	U	83.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.3	U	86.3	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.2	U	97.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.3	U	95.3	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.1	U	97.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.6	U	94.6	150	200	ug/Kg
Total PAH	Total PAH	1546.8	U	1546.8	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	98.5	U	98.5	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	197.1	U	197.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.5	U	93.5	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.9	U	99.9	150	200	ug/Kg
86-73-7	Fluorene	99.8	U	99.8	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.2	U	95.2	150	200	ug/Kg
103-33-3	Azobenzene	92.9	U	92.9	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.1	U	92.1	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.2	U	99.2	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-D4	SDG No.:	BF062424
Lab Sample ID:	P2977-22	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF138313.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.2	U	90.2	320	390	ug/Kg
85-01-8	Phenanthrene	98	U	98	150	200	ug/Kg
120-12-7	Anthracene	98.5	U	98.5	150	200	ug/Kg
86-74-8	Carbazole	93.7	U	93.7	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.4	U	98.4	150	200	ug/Kg
206-44-0	Fluoranthene	95.3	U	95.3	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	96.9	U	96.9	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	94.2	U	94.2	150	200	ug/Kg
218-01-9	Chrysene	92.8	U	92.8	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	94.6	U	94.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.4	U	96.4	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	91.1	U	91.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.7	U	94.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.5	U	93.5	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	87.2	U	87.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.1	U	97.1	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.808		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.367		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	53.881		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	57.24		20-109		57	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-D4	SDG No.:	BF062424
Lab Sample ID:	P2977-22	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
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
BF138313.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.758		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	44.242		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235605	6.881				
1146-65-2	Naphthalene-d8	866306	8.163				
15067-26-2	Acenaphthene-d10	434691	9.916				
1517-22-2	Phenanthrene-d10	610196	11.404				
1719-03-5	Chrysene-d12	515121	14.039				
1520-96-3	Perylene-d12	448124	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.175	
000057-55-6	Propylene Glycol	220	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	100	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	150	J			8.475	
	unknown10.016	270	J			10.016	
000057-10-3	n-Hexadecanoic acid	210	J			11.927	
001599-67-3	1-Docosene	210	J			13.886	
000593-45-3	Octadecane	150	J			14.509	
000638-66-4	Octadecanal	110	J			14.968	
000192-97-2	Benzo[e]pyrene	88.3	J			15.08	
018435-45-5	1-Nonadecene	110	J			15.198	
000629-94-7	Heneicosane	99.2	J			15.992	

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-D5			SDG No.:	BF062424		
Lab Sample ID:	P2977-23			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14.7		
Sample Wt/Vol:	30.03	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
BF138314.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	93.6	U	93.6	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	97.1	U	97.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98	U	98	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.8	U	97.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.1	U	99.1	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	97.2	U	97.2	320	390	ug/Kg
95-48-7	2-Methylphenol	94.4	U	94.4	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	93.5	U	93.5	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.2	U	47.2	93.7	93.7	ug/Kg
67-72-1	Hexachloroethane	97.2	U	97.2	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.1	U	99.1	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	88.4	U	88.4	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	96.7	U	96.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.7	U	96.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.6	U	97.6	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-D5	SDG No.:	BF062424
Lab Sample ID:	P2977-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF138314.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	90.8	U	90.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.6	U	96.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.6	U	83.6	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.7	U	86.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.6	U	97.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.7	U	95.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.4	U	97.4	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95	U	95	150	200	ug/Kg
Total PAH	Total PAH	1560	U	1551.5	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	98.8	U	98.8	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.4	U	197.4	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.8	U	93.8	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	95.6	U	95.6	150	200	ug/Kg
103-33-3	Azobenzene	93.2	U	93.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.4	U	92.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99.5	U	99.5	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-D5	SDG No.:	BF062424
Lab Sample ID:	P2977-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF138314.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.5	U	90.5	320	390	ug/Kg
85-01-8	Phenanthrene	120	J	98.4	150	200	ug/Kg
120-12-7	Anthracene	98.8	U	98.8	150	200	ug/Kg
86-74-8	Carbazole	94	U	94	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.7	U	98.7	150	200	ug/Kg
206-44-0	Fluoranthene	340		95.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	190	J	97.2	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	160	J	94.5	150	200	ug/Kg
218-01-9	Chrysene	180	J	93.1	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	270		95	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	96.7	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.5	U	91.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.1	U	95.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.8	U	93.8	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	87.5	U	87.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.4	U	97.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.288		18-112		38	SPK: -150
13127-88-3	Phenol-d6	59.778		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	42.368		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	49.502		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-D5	SDG No.:	BF062424
Lab Sample ID:	P2977-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF138314.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.753		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	35.629		14-112		36	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237521	6.881				
1146-65-2	Naphthalene-d8	871186	8.163				
15067-26-2	Acenaphthene-d10	423924	9.916				
1517-22-2	Phenanthrene-d10	597365	11.404				
1719-03-5	Chrysene-d12	545027	14.039				
1520-96-3	Perylene-d12	473587	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	670	J			2.158	
000057-55-6	Propylene Glycol	110	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	120	J			8.475	
001008-91-9	1-(4-Pyridinyl)piperazine	120	J			10.833	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	290	J			10.886	
024518-48-7	4-(7-Methyloctyl)phenol	430	J			10.922	
000098-54-4	Phenol, p-tert-butyl-	300	J			10.951	
	unknown10.975	170	J			10.975	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	170	J			11.022	
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	290	J			11.063	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	290	J			11.104	
051110-60-2	2-Methyl-4-hydroxybenzoxazole	140	J			11.145	
000057-10-3	n-Hexadecanoic acid	200	J			11.928	
001599-67-3	1-Docosene	110	J			13.886	
007390-81-0	Oxirane, hexadecyl-	220	J			14.968	
000629-78-7	Heptadecane	110	J			15.163	
010192-32-2	1-Tetracosene	380	J			15.192	
000192-97-2	Benzo[e]pyrene	150	J			15.386	

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-D5	SDG No.:	BF062424
Lab Sample ID:	P2977-23	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF138314.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-97-0	Docosane	170	J			15.992	

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF062424
Lab Sample ID:	P2847-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
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
BF138315.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	92.9	U	92.9	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:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF062424
Lab Sample ID:	P2847-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
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
BF138315.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	7500	U	1621	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
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	98.5	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:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF062424
Lab Sample ID:	P2847-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
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
BF138315.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	420		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	1600		100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	820		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	660		99.3	160	210	ug/Kg
218-01-9	Chrysene	790		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	1200		99.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	370		100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	800		110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340		96.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	99.9	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		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	75.228		18-112		50	SPK: -150
13127-88-3	Phenol-d6	70.306		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	54.478		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	59.93		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-1	SDG No.:	BF062424
Lab Sample ID:	P2847-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.8
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
BF138315.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	65.747		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	42.17		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	237660	6.881				
1146-65-2	Naphthalene-d8	846448	8.163				
15067-26-2	Acenaphthene-d10	393565	9.916				
1517-22-2	Phenanthrene-d10	546434	11.404				
1719-03-5	Chrysene-d12	550154	14.045				
1520-96-3	Perylene-d12	448499	15.515				

Report of Analysis

Client:				Date Collected:	6/10/2024 12:00:00 AM		
Project:				Date Received:	6/10/2024 12:00:00 AM		
Client Sample ID:	BKG-2			SDG No.:	BF062424		
Lab Sample ID:	P2847-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	16.6		
Sample Wt/Vol:	30.09	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
BF138316.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	95.5	U	95.5	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	390	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.1	U	99.1	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	99.8	U	99.8	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	99.2	U	99.2	320	390	ug/Kg
95-48-7	2-Methylphenol	96.4	U	96.4	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	95.4	U	95.4	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.2	U	48.2	95.6	95.6	ug/Kg
67-72-1	Hexachloroethane	99.2	U	99.2	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	90.3	U	90.3	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	390	ug/Kg
91-20-3	Naphthalene	98.7	U	98.7	160	200	ug/Kg
106-47-8	4-Chloroaniline	98.7	U	98.7	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	99.6	U	99.6	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-2	SDG No.:	BF062424
Lab Sample ID:	P2847-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
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
BF138316.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

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	92.6	U	92.6	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	98.6	U	98.6	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.4	U	85.4	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88.5	U	88.5	160	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	99.6	U	99.6	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	97.7	U	97.7	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.5	U	99.5	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97	U	97	160	200	ug/Kg
Total PAH	Total PAH	3120	U	1576.1	160	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	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	99.5	U	199.5	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	95.8	U	95.8	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	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	97.5	U	97.5	160	200	ug/Kg
103-33-3	Azobenzene	95.2	U	95.2	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94.3	U	94.3	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:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-2	SDG No.:	BF062424
Lab Sample ID:	P2847-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
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
BF138316.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	92.4	U	92.4	320	390	ug/Kg
85-01-8	Phenanthrene	190	J	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96	U	96	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	640		97.7	160	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	370		99.2	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	390	ug/Kg
56-55-3	Benzo(a)anthracene	250		96.5	160	200	ug/Kg
218-01-9	Chrysene	330		95	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	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		97	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	98.7	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	330		110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	93.4	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.1	U	97.1	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	95.8	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	89.3	U	89.3	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	99.5	U	99.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.373		18-112		50	SPK: -150
13127-88-3	Phenol-d6	70.703		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	51.239		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	61.355		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	6/10/2024 12:00:00 AM
Project:		Date Received:	6/10/2024 12:00:00 AM
Client Sample ID:	BKG-2	SDG No.:	BF062424
Lab Sample ID:	P2847-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
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
BF138316.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.681		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	45.343		14-112		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212584	6.881				
1146-65-2	Naphthalene-d8	784078	8.163				
15067-26-2	Acenaphthene-d10	362840	9.916				
1517-22-2	Phenanthrene-d10	535969	11.404				
1719-03-5	Chrysene-d12	496659	14.045				
1520-96-3	Perylene-d12	407209	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-D3	SDG No.:	BF062424
Lab Sample ID:	P2977-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF138317.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99.8	U	99.8	310	380	ug/Kg
110-86-1	Pyridine	91.9	U	91.9	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	95.3	U	95.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.3	U	96.3	150	200	ug/Kg
95-57-8	2-Chlorophenol	96	U	96	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.3	U	97.3	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.9	U	98.9	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.5	U	99.5	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.4	U	95.4	310	380	ug/Kg
95-48-7	2-Methylphenol	92.7	U	92.7	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	200	ug/Kg
98-86-2	Acetophenone	99.9	U	99.9	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	91.8	U	91.8	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.3	U	46.3	92	92	ug/Kg
67-72-1	Hexachloroethane	95.4	U	95.4	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.3	U	97.3	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	98.7	U	98.7	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	86.8	U	86.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.2	U	98.2	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95	U	95	150	200	ug/Kg
106-47-8	4-Chloroaniline	95	U	95	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	95.8	U	95.8	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-D3	SDG No.:	BF062424
Lab Sample ID:	P2977-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF138317.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99.8	U	99.8	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.1	U	89.1	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.1	U	82.1	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.1	U	85.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	95.8	U	95.8	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	150	200	ug/Kg
208-96-8	Acenaphthylene	99.5	U	99.5	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.7	U	95.7	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	93.3	U	93.3	150	200	ug/Kg
Total PAH	Total PAH	1630	U	1527	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	97.1	U	97.1	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.8	U	194.8	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.1	U	99.1	150	200	ug/Kg
84-66-2	Diethylphthalate	92.1	U	92.1	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.4	U	98.4	150	200	ug/Kg
86-73-7	Fluorene	98.3	U	98.3	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.8	U	93.8	150	200	ug/Kg
103-33-3	Azobenzene	91.5	U	91.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90.7	U	90.7	150	200	ug/Kg
118-74-1	Hexachlorobenzene	97.7	U	97.7	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-D3	SDG No.:	BF062424
Lab Sample ID:	P2977-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF138317.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.9	U	88.9	310	380	ug/Kg
85-01-8	Phenanthrene	110	J	96.6	150	200	ug/Kg
120-12-7	Anthracene	97.1	U	97.1	150	200	ug/Kg
86-74-8	Carbazole	92.3	U	92.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	96.9	U	96.9	150	200	ug/Kg
206-44-0	Fluoranthene	360		94	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	230		95.4	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	92.8	150	200	ug/Kg
218-01-9	Chrysene	180	J	91.4	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250		100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		93.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	U	95	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89.8	U	89.8	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	93.4	U	93.4	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	92.1	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.8	U	99.8	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	85.9	U	85.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	95.7	U	95.7	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.493		18-112		48	SPK: -150
13127-88-3	Phenol-d6	67.893		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	50.66		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	57.059		20-109		57	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-D3	SDG No.:	BF062424
Lab Sample ID:	P2977-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF138317.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	67.062		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	43.852		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	228039	6.887				
1146-65-2	Naphthalene-d8	800824	8.163				
15067-26-2	Acenaphthene-d10	360246	9.916				
1517-22-2	Phenanthrene-d10	546478	11.404				
1719-03-5	Chrysene-d12	478740	14.039				
1520-96-3	Perylene-d12	366837	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.163	
000057-55-6	Propylene Glycol	180	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	140	J			8.475	
	unknown10.016	560	J			10.016	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	250	J			10.886	
024518-48-7	4-(7-Methyloctyl)phenol	330	J			10.922	
000098-54-4	Phenol, p-tert-butyl-	210	J			10.951	
002409-55-4	Phenol, 2-(1,1-dimethylethyl)-4-me	130	J			10.975	
000088-18-6	Phenol, 2-(1,1-dimethylethyl)-	280	J			11.069	
1000373-45-3	4-(1,1-Dimethylpropyl)phenyl aceta	220	J			11.104	
000057-10-3	n-Hexadecanoic acid	340	J			11.927	
000296-56-0	Cycloeicosane	180	J			13.886	
067860-04-2	Oxirane, heptadecyl-	610	J			14.968	
000593-45-3	Octadecane	220	J			15.163	
000661-19-8	Behenic alcohol	1200	J			15.192	
000192-97-2	Benzo[e]pyrene	170	J			15.386	
072934-04-4	Nonacosanal	290	J			15.757	
007225-64-1	Heptadecane, 9-octyl-	320	J			15.992	

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-D3	SDG No.:	BF062424
Lab Sample ID:	P2977-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
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
BF138317.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
018835-33-1	1-Hexacosene	220	J			16.057	

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:	HR-02-06202024	SDG No.:	BF062424
Lab Sample ID:	P2995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4
Sample Wt/Vol:	50.06	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
BF138318.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.2	U	54.2	170	210	ug/Kg
110-86-1	Pyridine	49.9	U	49.9	81.2	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.5	U	60.5	81.2	110	ug/Kg
108-95-2	Phenol	51.8	U	51.8	81.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.2	U	52.2	81.2	110	ug/Kg
95-57-8	2-Chlorophenol	52.1	U	52.1	81.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.8	U	52.8	81.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.7	U	53.7	81.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54	U	54	81.2	110	ug/Kg
100-51-6	Benzyl Alcohol	51.8	U	51.8	170	210	ug/Kg
95-48-7	2-Methylphenol	50.3	U	50.3	81.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.7	U	56.7	81.2	110	ug/Kg
98-86-2	Acetophenone	54.2	U	54.2	81.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.8	U	49.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.2	U	25.2	49.9	49.9	ug/Kg
67-72-1	Hexachloroethane	51.8	U	51.8	81.2	110	ug/Kg
98-95-3	Nitrobenzene	56.7	U	56.7	81.2	110	ug/Kg
78-59-1	Isophorone	52.8	U	52.8	81.2	110	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	81.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.2	U	58.2	81.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.6	U	53.6	81.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.1	U	47.1	81.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.3	U	53.3	81.2	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.6	U	51.6	81.2	110	ug/Kg
106-47-8	4-Chloroaniline	51.6	U	51.6	81.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	81.2	110	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:	HR-02-06202024	SDG No.:	BF062424
Lab Sample ID:	P2995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4
Sample Wt/Vol:	50.06 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
BF138318.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.2	U	54.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.4	U	48.4	81.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.5	U	51.5	81.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.4	U	97.4	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.6	U	44.6	81.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.2	U	46.2	81.2	110	ug/Kg
92-52-4	1,1-Biphenyl	54.6	U	54.6	81.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	81.2	110	ug/Kg
88-74-4	2-Nitroaniline	59.3	U	59.3	81.2	110	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	81.2	110	ug/Kg
208-96-8	Acenaphthylene	54	U	54	81.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.9	U	51.9	81.2	110	ug/Kg
99-09-2	3-Nitroaniline	55.7	U	55.7	81.2	110	ug/Kg
83-32-9	Acenaphthene	50.6	U	50.6	81.2	110	ug/Kg
Total PAH	Total PAH	827.3	U	827.3	81.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.4	U	72.4	170	210	ug/Kg
132-64-9	Dibenzofuran	52.7	U	52.7	81.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.8	U	53.8	81.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.7	U	105.7	81.2	220	ug/Kg
84-66-2	Diethylphthalate	50	U	50	81.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.4	U	53.4	81.2	110	ug/Kg
86-73-7	Fluorene	53.4	U	53.4	81.2	110	ug/Kg
100-01-6	4-Nitroaniline	66.8	U	66.8	81.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.9	U	50.9	81.2	110	ug/Kg
103-33-3	Azobenzene	49.7	U	49.7	81.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.3	U	49.3	81.2	110	ug/Kg
118-74-1	Hexachlorobenzene	53.1	U	53.1	81.2	110	ug/Kg
1912-24-9	Atrazine	57.1	U	57.1	81.2	110	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:	HR-02-06202024	SDG No.:	BF062424
Lab Sample ID:	P2995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4
Sample Wt/Vol:	50.06	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
BF138318.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.3	U	48.3	170	210	ug/Kg
85-01-8	Phenanthrene	73.8	J	52.4	81.2	110	ug/Kg
120-12-7	Anthracene	52.7	U	52.7	81.2	110	ug/Kg
86-74-8	Carbazole	50.1	U	50.1	81.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.6	U	52.6	81.2	110	ug/Kg
206-44-0	Fluoranthene	180		51	81.2	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	140		51.8	81.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.4	U	60.4	81.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.6	U	61.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	72.1	J	50.4	81.2	110	ug/Kg
218-01-9	Chrysene	80.9	J	49.6	81.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.8	U	56.8	81.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.7	U	68.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	110		50.6	81.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.6	U	51.6	81.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	79.2	J	58.1	81.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.8	U	48.8	81.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.7	U	50.7	81.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.9	J	50	81.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.2	U	54.2	81.2	110	ug/Kg
123-91-1	1,4-Dioxane	68.7	U	68.7	81.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.6	U	46.6	81.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.9	U	51.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.526		18-112		57	SPK: -150
13127-88-3	Phenol-d6	81.025		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	62.318		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	71.374		20-109		71	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:	HR-02-06202024	SDG No.:	BF062424
Lab Sample ID:	P2995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4
Sample Wt/Vol:	50.06	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
BF138318.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.233		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	61.218		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216702	6.887				
1146-65-2	Naphthalene-d8	742229	8.163				
15067-26-2	Acenaphthene-d10	323949	9.916				
1517-22-2	Phenanthrene-d10	523127	11.404				
1719-03-5	Chrysene-d12	418776	14.045				
1520-96-3	Perylene-d12	323930	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	79.7	A			5.099	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	64.5	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	68.7	J			8.475	
000544-76-3	Hexadecane	54.1	J			9.316	
000629-62-9	Pentadecane	68.3	J			9.845	
000629-78-7	Heptadecane	84.3	J			10.345	
024251-86-3	Dodecane, 5,8-diethyl-	54.7	J			10.569	
000629-59-4	Tetradecane	160	J			10.822	
035599-77-0	Tridecane, 1-iodo-	85.7	J			11.269	
000629-50-5	Tridecane	63.9	J			11.298	
000629-92-5	Nonadecane	77.2	J			11.692	
000112-39-0	Hexadecanoic acid, methyl ester	120	J			11.792	
000057-10-3	n-Hexadecanoic acid	200	J			11.928	
000112-95-8	Eicosane	77.6	J			12.104	
002566-97-4	9,12-Octadecadienoic acid, methyl	550	J			12.48	
056554-49-5	16-Octadecenoic acid, methyl ester	420	J			12.504	
000057-11-4	Octadecanoic acid	120	J			12.716	
1000309-12-7	Sulfurous acid, octadecyl 2-propyl	150	J			13.892	

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:	HR-02-06202024	SDG No.:	BF062424
Lab Sample ID:	P2995-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4
Sample Wt/Vol:	50.06	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
BF138318.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000593-49-7	Heptacosane	63.5	J			14.516	

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:	TR-06-062024	SDG No.:	BF062424
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138319.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57	U	57	180	220	ug/Kg
110-86-1	Pyridine	52.5	U	52.5	85.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.6	U	63.6	85.4	110	ug/Kg
108-95-2	Phenol	54.4	U	54.4	85.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	55	85.4	110	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	85.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.6	U	55.6	85.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.5	U	56.5	85.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.8	U	56.8	85.4	110	ug/Kg
100-51-6	Benzyl Alcohol	54.5	U	54.5	180	220	ug/Kg
95-48-7	2-Methylphenol	52.9	U	52.9	85.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.7	U	59.7	85.4	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.4	U	52.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	54.5	U	54.5	85.4	110	ug/Kg
98-95-3	Nitrobenzene	59.6	U	59.6	85.4	110	ug/Kg
78-59-1	Isophorone	55.6	U	55.6	85.4	110	ug/Kg
88-75-5	2-Nitrophenol	62.1	U	62.1	85.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.2	U	61.2	85.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.4	U	56.4	85.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.1	U	56.1	85.4	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.3	U	54.3	85.4	110	ug/Kg
106-47-8	4-Chloroaniline	54.3	U	54.3	85.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.7	U	54.7	85.4	110	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:	TR-06-062024	SDG No.:	BF062424
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138319.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57	U	57	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.9	U	50.9	85.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	57.3	J	54.2	85.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.9	U	46.9	85.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.6	U	48.6	85.4	110	ug/Kg
92-52-4	1,1-Biphenyl	57.4	U	57.4	85.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.7	U	54.7	85.4	110	ug/Kg
88-74-4	2-Nitroaniline	62.4	U	62.4	85.4	110	ug/Kg
131-11-3	Dimethylphthalate	53.7	U	53.7	85.4	110	ug/Kg
208-96-8	Acenaphthylene	56.8	U	56.8	85.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	54.6	85.4	110	ug/Kg
99-09-2	3-Nitroaniline	58.6	U	58.6	85.4	110	ug/Kg
83-32-9	Acenaphthene	53.3	U	53.3	85.4	110	ug/Kg
Total PAH	Total PAH	1809.5	U	870.5	85.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.2	U	76.2	180	220	ug/Kg
132-64-9	Dibenzofuran	55.4	U	55.4	85.4	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.6	U	56.6	85.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.2	U	111.2	85.4	220	ug/Kg
84-66-2	Diethylphthalate	52.6	U	52.6	85.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.2	U	56.2	85.4	110	ug/Kg
86-73-7	Fluorene	56.2	U	56.2	85.4	110	ug/Kg
100-01-6	4-Nitroaniline	70.3	U	70.3	85.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.8	U	76.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.6	U	53.6	85.4	110	ug/Kg
103-33-3	Azobenzene	52.3	U	52.3	85.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.8	U	51.8	85.4	110	ug/Kg
118-74-1	Hexachlorobenzene	55.8	U	55.8	85.4	110	ug/Kg
1912-24-9	Atrazine	60	U	60	85.4	110	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:	TR-06-062024	SDG No.:	BF062424
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138319.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.8	U	50.8	180	220	ug/Kg
85-01-8	Phenanthrene	140		55.2	85.4	110	ug/Kg
120-12-7	Anthracene	55.4	U	55.4	85.4	110	ug/Kg
86-74-8	Carbazole	52.7	U	52.7	85.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.4	U	55.4	85.4	110	ug/Kg
206-44-0	Fluoranthene	320		53.7	85.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	310		54.5	85.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.6	U	63.6	85.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.8	U	64.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	180		53	85.4	110	ug/Kg
218-01-9	Chrysene	190		52.2	85.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.8	U	59.8	85.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.2	U	72.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		53.3	85.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	81.6	J	54.3	85.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	180		61.1	85.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.9	J	51.3	85.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.3	U	53.3	85.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	52.6	85.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	85.4	110	ug/Kg
123-91-1	1,4-Dioxane	72.2	U	72.2	85.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.1	U	49.1	85.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.6	U	54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.477		18-112		52	SPK: -150
13127-88-3	Phenol-d6	72.178		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	55.36		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	61.928		20-109		62	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:	TR-06-062024	SDG No.:	BF062424
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138319.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.181		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	63.351		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183856	6.887				
1146-65-2	Naphthalene-d8	587202	8.169				
15067-26-2	Acenaphthene-d10	260262	9.922				
1517-22-2	Phenanthrene-d10	492480	11.41				
1719-03-5	Chrysene-d12	328522	14.051				
1520-96-3	Perylene-d12	291046	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-50-5	Tridecane	580	J			8.757	
000629-59-4	Tetradecane	860	J			9.322	
017312-62-8	Decane, 5-propyl-	630	J			9.639	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	930	J			9.851	
000630-04-6	Hentriacontane	450	J			10.175	
000544-76-3	Hexadecane	1100	J			10.351	
000629-78-7	Heptadecane	750	J			10.569	
000629-94-7	Heneicosane	1500	J			10.828	
013287-23-5	Heptadecane, 8-methyl-	920	J			11.275	
000646-31-1	Tetracosane	670	J			11.304	
000629-92-5	Nonadecane	860	J			11.704	
000112-39-0	Hexadecanoic acid, methyl ester	4700	J			11.816	
000057-10-3	n-Hexadecanoic acid	950	J			11.957	
000112-95-8	Eicosane	920	J			12.11	
002462-85-3	9,12-Octadecadienoic acid, methyl	15400	J			12.539	
000057-11-4	Octadecanoic acid	430	J			12.733	
013475-75-7	Pentadecane, 8-hexyl-	610	J			13.227	
001120-28-1	Eicosanoic acid, methyl ester	460	J			13.322	
007225-64-1	Heptadecane, 9-octyl-	500	J			13.898	

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:	TR-06-062024	SDG No.:	BF062424
Lab Sample ID:	P2997-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
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
BF138319.D	1	6/21/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000929-77-1	Docosanoic acid, methyl ester	540	J			13.986	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062424
Lab Sample ID:	P3009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138320.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.6	U	57.6	180	220	ug/Kg
110-86-1	Pyridine	53	U	53	86.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.3	U	64.3	86.2	110	ug/Kg
108-95-2	Phenol	55	U	55	86.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.5	U	55.5	86.2	110	ug/Kg
95-57-8	2-Chlorophenol	55.4	U	55.4	86.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.1	U	56.1	86.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57	U	57	86.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.4	U	57.4	86.2	110	ug/Kg
100-51-6	Benzyl Alcohol	55.1	U	55.1	180	220	ug/Kg
95-48-7	2-Methylphenol	53.5	U	53.5	86.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.3	U	60.3	86.2	110	ug/Kg
98-86-2	Acetophenone	57.6	U	57.6	86.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.9	U	52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	55.1	U	55.1	86.2	110	ug/Kg
98-95-3	Nitrobenzene	60.2	U	60.2	86.2	110	ug/Kg
78-59-1	Isophorone	56.1	U	56.1	86.2	110	ug/Kg
88-75-5	2-Nitrophenol	62.7	U	62.7	86.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.8	U	61.8	86.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.9	U	56.9	86.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.1	U	50.1	86.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.6	U	56.6	86.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.8	U	54.8	86.2	110	ug/Kg
106-47-8	4-Chloroaniline	54.8	U	54.8	86.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.3	U	55.3	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062424
Lab Sample ID:	P3009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138320.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.6	U	57.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.4	U	51.4	86.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.7	U	54.7	86.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.4	U	47.4	86.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.1	U	49.1	86.2	110	ug/Kg
92-52-4	1,1-Biphenyl	58	U	58	86.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.3	U	55.3	86.2	110	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	86.2	110	ug/Kg
131-11-3	Dimethylphthalate	54.2	U	54.2	86.2	110	ug/Kg
208-96-8	Acenaphthylene	57.4	U	57.4	86.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.2	U	55.2	86.2	110	ug/Kg
99-09-2	3-Nitroaniline	59.2	U	59.2	86.2	110	ug/Kg
83-32-9	Acenaphthene	53.8	U	53.8	86.2	110	ug/Kg
Total PAH	Total PAH	1169.9	U	879	86.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.9	U	76.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56	U	56	86.2	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.2	U	57.2	86.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.4	U	112.4	86.2	220	ug/Kg
84-66-2	Diethylphthalate	53.1	U	53.1	86.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.8	U	56.8	86.2	110	ug/Kg
86-73-7	Fluorene	56.7	U	56.7	86.2	110	ug/Kg
100-01-6	4-Nitroaniline	71	U	71	86.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.6	U	77.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.1	U	54.1	86.2	110	ug/Kg
103-33-3	Azobenzene	52.8	U	52.8	86.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.3	U	52.3	86.2	110	ug/Kg
118-74-1	Hexachlorobenzene	56.4	U	56.4	86.2	110	ug/Kg
1912-24-9	Atrazine	60.6	U	60.6	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062424
Lab Sample ID:	P3009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138320.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.3	U	51.3	180	220	ug/Kg
85-01-8	Phenanthrene	57.8	J	55.7	86.2	110	ug/Kg
120-12-7	Anthracene	56	U	56	86.2	110	ug/Kg
86-74-8	Carbazole	53.3	U	53.3	86.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.9	U	55.9	86.2	110	ug/Kg
206-44-0	Fluoranthene	210		54.2	86.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	150		55.1	86.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.2	U	64.2	86.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.4	U	65.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	110		53.5	86.2	110	ug/Kg
218-01-9	Chrysene	130		52.7	86.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.4	U	60.4	86.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	73	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		53.8	86.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	63.9	J	54.8	86.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	120		61.7	86.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	J	51.8	86.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.9	U	53.9	86.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65.2	J	53.1	86.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.6	U	57.6	86.2	110	ug/Kg
123-91-1	1,4-Dioxane	73	U	73	86.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.5	U	49.5	86.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.2	U	55.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.085		18-112		59	SPK: -150
13127-88-3	Phenol-d6	82.28		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	61.219		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	66.894		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204	SDG No.:	BF062424
Lab Sample ID:	P3009-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.03	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
BF138320.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.676		10-110		64	SPK: -150
1718-51-0	Terphenyl-d14	62.921		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197945	6.886				
1146-65-2	Naphthalene-d8	683446	8.169				
15067-26-2	Acenaphthene-d10	321090	9.922				
1517-22-2	Phenanthrene-d10	557044	11.41				
1719-03-5	Chrysene-d12	396520	14.045				
1520-96-3	Perylene-d12	337469	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	93.1	A			5.104	
000599-64-4	Phenol, 4-(1-methyl-1-phenylethyl)	46	J			11.616	
000057-10-3	n-Hexadecanoic acid	190	J			11.933	
000057-11-4	Octadecanoic acid	65.7	J			12.716	
000479-79-8	11H-Benzo[a]fluoren-11-one	140	J			13.892	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	200	J			14.674	
000111-02-4	Squalene	260	J			14.904	
000638-66-4	Octadecanal	210	J			14.974	
010192-32-2	1-Tetracosene	250	J			15.198	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MS	SDG No.:	BF062424
Lab Sample ID:	P3009-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.07 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
BF138321.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		57.5	180	220	ug/Kg
110-86-1	Pyridine	890		53	86.2	110	ug/Kg
100-52-7	Benzaldehyde	350		120	180	220	ug/Kg
62-53-3	Aniline	460		64.2	86.2	110	ug/Kg
108-95-2	Phenol	1000		54.9	86.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	990		55.5	86.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		55.3	86.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	960		56.1	86.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		57	86.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	960		57.3	86.2	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		55	180	220	ug/Kg
95-48-7	2-Methylphenol	990		53.4	86.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	900		60.2	86.2	110	ug/Kg
98-86-2	Acetophenone	920		57.6	86.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	910		52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	930		26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	910		55	86.2	110	ug/Kg
98-95-3	Nitrobenzene	990		60.2	86.2	110	ug/Kg
78-59-1	Isophorone	1000		56.1	86.2	110	ug/Kg
88-75-5	2-Nitrophenol	1300		62.6	86.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		61.8	86.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		56.9	86.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	990		50	86.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		56.6	86.2	110	ug/Kg
65-85-0	Benzoic acid	780		160	180	220	ug/Kg
91-20-3	Naphthalene	960		54.7	86.2	110	ug/Kg
106-47-8	4-Chloroaniline	230		54.7	86.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	990		55.2	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MS	SDG No.:	BF062424
Lab Sample ID:	P3009-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.07 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
BF138321.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	910		57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	950		51.4	86.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	910		54.7	86.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	910		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		47.3	86.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		49	86.2	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		57.9	86.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		55.2	86.2	110	ug/Kg
88-74-4	2-Nitroaniline	1200		63	86.2	110	ug/Kg
131-11-3	Dimethylphthalate	1200		54.1	86.2	110	ug/Kg
208-96-8	Acenaphthylene	1100		57.3	86.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		55.1	86.2	110	ug/Kg
99-09-2	3-Nitroaniline	780		59.1	86.2	110	ug/Kg
83-32-9	Acenaphthene	960		53.8	86.2	110	ug/Kg
Total PAH	Total PAH	17540		878.2	86.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	610		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	76.9	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		55.9	86.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		112.2	86.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		57.1	86.2	110	ug/Kg
84-66-2	Diethylphthalate	1100		53.1	86.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		56.7	86.2	110	ug/Kg
86-73-7	Fluorene	950		56.7	86.2	110	ug/Kg
100-01-6	4-Nitroaniline	880		70.9	86.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	440		77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		54.1	86.2	110	ug/Kg
103-33-3	Azobenzene	960		52.8	86.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		52.3	86.2	110	ug/Kg
118-74-1	Hexachlorobenzene	980		56.3	86.2	110	ug/Kg
1912-24-9	Atrazine	1100		60.6	86.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MS	SDG No.:	BF062424
Lab Sample ID:	P3009-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.07 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
BF138321.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	1100		55.7	86.2	110	ug/Kg
120-12-7	Anthracene	1100		55.9	86.2	110	ug/Kg
86-74-8	Carbazole	1000		53.2	86.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		55.9	86.2	110	ug/Kg
206-44-0	Fluoranthene	1300		54.1	86.2	110	ug/Kg
92-87-5	Benzidine	3000	E	110	180	220	ug/Kg
129-00-0	Pyrene	1200		55	86.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1700		64.2	86.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		65.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		53.5	86.2	110	ug/Kg
218-01-9	Chrysene	1200		52.7	86.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000	E	60.3	86.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	2200	E	72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		53.8	86.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		54.7	86.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		61.6	86.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.8	86.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.8	86.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		53.1	86.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		57.5	86.2	110	ug/Kg
123-91-1	1,4-Dioxane	840		72.9	86.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		49.5	86.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	860		55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.689		18-112		55	SPK: -150
13127-88-3	Phenol-d6	78.925		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	59.092		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	65.715		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MS	SDG No.:	BF062424
Lab Sample ID:	P3009-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.07 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
BF138321.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.557		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	67.513		14-112		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	235399	6.886				
1146-65-2	Naphthalene-d8	832347	8.169				
15067-26-2	Acenaphthene-d10	370938	9.927				
1517-22-2	Phenanthrene-d10	606845	11.41				
1719-03-5	Chrysene-d12	382267	14.051				
1520-96-3	Perylene-d12	327277	15.527				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MSD	SDG No.:	BF062424
Lab Sample ID:	P3009-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.09	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
BF138322.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		57.5	180	220	ug/Kg
110-86-1	Pyridine	980		52.9	86.1	110	ug/Kg
100-52-7	Benzaldehyde	350		120	180	220	ug/Kg
62-53-3	Aniline	460		64.2	86.1	110	ug/Kg
108-95-2	Phenol	1000		54.9	86.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		55.5	86.1	110	ug/Kg
95-57-8	2-Chlorophenol	1100		55.3	86.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		56	86.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		57	86.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		57.3	86.1	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		55	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		53.4	86.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		60.2	86.1	110	ug/Kg
98-86-2	Acetophenone	980		57.6	86.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	950		52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	980		26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	930		55	86.1	110	ug/Kg
98-95-3	Nitrobenzene	1000		60.2	86.1	110	ug/Kg
78-59-1	Isophorone	1100		56	86.1	110	ug/Kg
88-75-5	2-Nitrophenol	1400		62.6	86.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		61.7	86.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		56.8	86.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		50	86.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		56.6	86.1	110	ug/Kg
65-85-0	Benzoic acid	830		160	180	220	ug/Kg
91-20-3	Naphthalene	1000		54.7	86.1	110	ug/Kg
106-47-8	4-Chloroaniline	270		54.7	86.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	1100		55.2	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MSD	SDG No.:	BF062424
Lab Sample ID:	P3009-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.09 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
BF138322.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	950		57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		51.3	86.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		54.7	86.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	820		100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		47.3	86.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	86.1	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		57.9	86.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		55.2	86.1	110	ug/Kg
88-74-4	2-Nitroaniline	1200		62.9	86.1	110	ug/Kg
131-11-3	Dimethylphthalate	1300		54.1	86.1	110	ug/Kg
208-96-8	Acenaphthylene	1200		57.3	86.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55.1	86.1	110	ug/Kg
99-09-2	3-Nitroaniline	870		59.1	86.1	110	ug/Kg
83-32-9	Acenaphthene	1000		53.7	86.1	110	ug/Kg
Total PAH	Total PAH	18200		877.8	86.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	650		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2200	E	76.9	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		55.9	86.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2500		112.2	86.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		57.1	86.1	110	ug/Kg
84-66-2	Diethylphthalate	1200		53.1	86.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		56.7	86.1	110	ug/Kg
86-73-7	Fluorene	1000		56.6	86.1	110	ug/Kg
100-01-6	4-Nitroaniline	980		70.9	86.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	440		77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		54.1	86.1	110	ug/Kg
103-33-3	Azobenzene	1100		52.7	86.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		52.3	86.1	110	ug/Kg
118-74-1	Hexachlorobenzene	940		56.3	86.1	110	ug/Kg
1912-24-9	Atrazine	1100		60.6	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MSD	SDG No.:	BF062424
Lab Sample ID:	P3009-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.09	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
BF138322.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	1100		55.7	86.1	110	ug/Kg
120-12-7	Anthracene	1100		55.9	86.1	110	ug/Kg
86-74-8	Carbazole	1100		53.2	86.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		55.9	86.1	110	ug/Kg
206-44-0	Fluoranthene	1400		54.1	86.1	110	ug/Kg
92-87-5	Benzidine	3200	E	110	180	220	ug/Kg
129-00-0	Pyrene	1100		55	86.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	1700		64.1	86.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		65.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		53.5	86.1	110	ug/Kg
218-01-9	Chrysene	1200		52.7	86.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000	E	60.3	86.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	2300	E	72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		53.7	86.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		54.7	86.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	1300		61.6	86.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		51.7	86.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		53.8	86.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		53.1	86.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		57.5	86.1	110	ug/Kg
123-91-1	1,4-Dioxane	920		72.9	86.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		49.5	86.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	980		55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.156		18-112		59	SPK: -150
13127-88-3	Phenol-d6	82.544		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	62.181		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	72.251		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	VNJ-204MSD	SDG No.:	BF062424
Lab Sample ID:	P3009-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.09 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
BF138322.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.018		10-110		67	SPK: -150
1718-51-0	Terphenyl-d14	64.527		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211649	6.886				
1146-65-2	Naphthalene-d8	737398	8.169				
15067-26-2	Acenaphthene-d10	339112	9.922				
1517-22-2	Phenanthrene-d10	620496	11.41				
1719-03-5	Chrysene-d12	424572	14.051				
1520-96-3	Perylene-d12	362772	15.527				

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062424
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	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
BF138323.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.9	U	61.9	190	240	ug/Kg
110-86-1	Pyridine	56.9	U	56.9	92.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69	U	69	92.6	120	ug/Kg
108-95-2	Phenol	59.1	U	59.1	92.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.6	U	59.6	92.6	120	ug/Kg
95-57-8	2-Chlorophenol	59.5	U	59.5	92.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.3	U	60.3	92.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.3	U	61.3	92.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.6	U	61.6	92.6	120	ug/Kg
100-51-6	Benzyl Alcohol	59.1	U	59.1	190	240	ug/Kg
95-48-7	2-Methylphenol	57.4	U	57.4	92.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.8	U	64.8	92.6	120	ug/Kg
98-86-2	Acetophenone	61.9	U	61.9	92.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.9	U	56.9	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.7	U	28.7	57	57	ug/Kg
67-72-1	Hexachloroethane	59.1	U	59.1	92.6	120	ug/Kg
98-95-3	Nitrobenzene	64.7	U	64.7	92.6	120	ug/Kg
78-59-1	Isophorone	60.3	U	60.3	92.6	120	ug/Kg
88-75-5	2-Nitrophenol	67.3	U	67.3	92.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.4	U	66.4	92.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.1	U	61.1	92.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.8	U	53.8	92.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.9	U	60.9	92.6	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	58.9	U	58.9	92.6	120	ug/Kg
106-47-8	4-Chloroaniline	58.9	U	58.9	92.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.4	U	59.4	92.6	120	ug/Kg



Client:				Date Collected:	6/21/2024 12:00:00 AM	
Project:				Date Received:	6/21/2024 12:00:00 AM	
Client Sample ID:	WC-WS-6-21-24			SDG No.:	BF062424	
Lab Sample ID:	P3008-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	15.9	
Sample Wt/Vol:	50.06	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
BF138323.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61.9	U	61.9	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.2	U	55.2	92.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.8	U	58.8	92.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.9	U	50.9	92.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.7	U	52.7	92.6	120	ug/Kg
92-52-4	1,1-Biphenyl	62.3	U	62.3	92.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.4	U	59.4	92.6	120	ug/Kg
88-74-4	2-Nitroaniline	67.7	U	67.7	92.6	120	ug/Kg
131-11-3	Dimethylphthalate	58.2	U	58.2	92.6	120	ug/Kg
208-96-8	Acenaphthylene	61.6	U	61.6	92.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.3	U	59.3	92.6	120	ug/Kg
99-09-2	3-Nitroaniline	63.6	U	63.6	92.6	120	ug/Kg
83-32-9	Acenaphthene	100	J	57.8	92.6	120	ug/Kg
Total PAH	Total PAH	5551.7		944.4	92.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	82.7	U	82.7	190	240	ug/Kg
132-64-9	Dibenzofuran	60.1	U	60.1	92.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20.7	U	120.7	92.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.4	U	61.4	92.6	120	ug/Kg
84-66-2	Diethylphthalate	57.1	U	57.1	92.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	92.6	120	ug/Kg
86-73-7	Fluorene	94.8	J	60.9	92.6	120	ug/Kg
100-01-6	4-Nitroaniline	76.2	U	76.2	92.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.4	U	83.4	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.1	U	58.1	92.6	120	ug/Kg
103-33-3	Azobenzene	56.7	U	56.7	92.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.2	U	56.2	92.6	120	ug/Kg
118-74-1	Hexachlorobenzene	60.6	U	60.6	92.6	120	ug/Kg
1912-24-9	Atrazine	65.1	U	65.1	92.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062424
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	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
BF138323.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.1	U	55.1	190	240	ug/Kg
85-01-8	Phenanthrene	590		59.9	92.6	120	ug/Kg
120-12-7	Anthracene	160		60.1	92.6	120	ug/Kg
86-74-8	Carbazole	57.2	U	57.2	92.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.1	U	60.1	92.6	120	ug/Kg
206-44-0	Fluoranthene	1000		58.2	92.6	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	840		59.1	92.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	69	U	69	92.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.3	U	70.3	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	480		57.5	92.6	120	ug/Kg
218-01-9	Chrysene	470		56.7	92.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.8	U	64.8	92.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.4	U	78.4	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		57.8	92.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		58.9	92.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	490		66.3	92.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		55.7	92.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66.9	J	57.9	92.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250		57.1	92.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.9	U	61.9	92.6	120	ug/Kg
123-91-1	1,4-Dioxane	78.4	U	78.4	92.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.2	U	53.2	92.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.3	U	59.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.998		18-112		57	SPK: -150
13127-88-3	Phenol-d6	76.795		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	59.68		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	55.424		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062424
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	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
BF138323.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.019		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	51.155		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193370	6.886				
1146-65-2	Naphthalene-d8	644810	8.169				
15067-26-2	Acenaphthene-d10	290589	9.922				
1517-22-2	Phenanthrene-d10	529779	11.41				
1719-03-5	Chrysene-d12	362185	14.051				
1520-96-3	Perylene-d12	309681	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	88.1	A			5.11	
	unknown10.016	150	J			10.016	
	unknown10.833	91.9	J			10.833	
000132-65-0	Dibenzothiophene	81.9	J			11.304	
000613-12-7	Anthracene, 2-methyl-	81	J			11.91	
002531-84-2	Phenanthrene, 2-methyl-	190	J			11.933	
000610-48-0	Anthracene, 1-methyl-	49.2	J			11.986	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			12.021	
000832-69-9	Phenanthrene, 1-methyl-	60.1	J			12.045	
000612-94-2	Naphthalene, 2-phenyl-	54.4	J			12.204	
003674-66-6	Phenanthrene, 2,5-dimethyl-	77.2	J			12.463	
006232-48-0	Acephenanthrylene, 4,5-dihydro-	60.8	J			12.498	
005737-13-3	Cyclopenta(def)phenanthrenone	59.4	J			12.545	
002381-21-7	Pyrene, 1-methyl-	67	J			13.068	
000243-17-4	11H-Benzo[b]fluorene	78.9	J			13.174	
000238-84-6	11H-Benzo[a]fluorene	50.8	J			13.28	
015306-27-1	Heptacos-1-ene	110	J			13.892	
000192-97-2	Benzo[e]pyrene	130	J			15.204	

Report of Analysis

Client:		Date Collected:	6/21/2024 12:00:00 AM
Project:		Date Received:	6/21/2024 12:00:00 AM
Client Sample ID:	WC-WS-6-21-24	SDG No.:	BF062424
Lab Sample ID:	P3008-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.9
Sample Wt/Vol:	50.06	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
BF138323.D	1	6/24/2024 12:00:00 AM	6/24/2024 12:00:00 AM	PB161658

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BKG-1								
P2847-01	BKG-1	Solid	Benzo(a)anthracene	660.000		99.3	210	ug/Kg
P2847-01	BKG-1	Solid	Benzo(a)pyrene	800.000		110	210	ug/Kg
P2847-01	BKG-1	Solid	Benzo(b)fluoranthene	1,200.000		99.7	210	ug/Kg
P2847-01	BKG-1	Solid	Benzo(g,h,i)perylene	400.000		98.5	210	ug/Kg
P2847-01	BKG-1	Solid	Benzo(k)fluoranthene	370.000		100	210	ug/Kg
P2847-01	BKG-1	Solid	Chrysene	790.000		97.8	210	ug/Kg
P2847-01	BKG-1	Solid	Dibenzo(a,h)anthracene	100.000	J	99.9	210	ug/Kg
P2847-01	BKG-1	Solid	Fluoranthene	1,600.000		100	210	ug/Kg
P2847-01	BKG-1	Solid	Indeno(1,2,3-cd)pyrene	340.000		96.1	210	ug/Kg
P2847-01	BKG-1	Solid	Phenanthrene	420.000		100	210	ug/Kg
P2847-01	BKG-1	Solid	Pyrene	820.000		100	210	ug/Kg
Total Svoc :				7,500.00				
Total Concentration:				7,500.00				
Client ID : BKG-2								
P2847-02	BKG-2	Solid	Benzo(a)anthracene	250.000		96.5	200	ug/Kg
P2847-02	BKG-2	Solid	Benzo(a)pyrene	330.000		110	200	ug/Kg
P2847-02	BKG-2	Solid	Benzo(b)fluoranthene	520.000		97	200	ug/Kg
P2847-02	BKG-2	Solid	Benzo(g,h,i)perylene	190.000	J	95.8	200	ug/Kg
P2847-02	BKG-2	Solid	Benzo(k)fluoranthene	140.000	J	98.7	200	ug/Kg
P2847-02	BKG-2	Solid	Chrysene	330.000		95	200	ug/Kg
P2847-02	BKG-2	Solid	Fluoranthene	640.000		97.7	200	ug/Kg
P2847-02	BKG-2	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	93.4	200	ug/Kg
P2847-02	BKG-2	Solid	Phenanthrene	190.000	J	100	200	ug/Kg
P2847-02	BKG-2	Solid	Pyrene	370.000		99.2	200	ug/Kg
Total Svoc :				3,120.00				
Total Concentration:				3,120.00				
Client ID : BKG-3								
P2847-03	BKG-3	Solid	Benzo(a)anthracene	480.000		97.1	200	ug/Kg
P2847-03	BKG-3	Solid	Benzo(a)pyrene	570.000		110	200	ug/Kg
P2847-03	BKG-3	Solid	Benzo(b)fluoranthene	890.000		97.6	200	ug/Kg
P2847-03	BKG-3	Solid	Benzo(g,h,i)perylene	260.000		96.4	200	ug/Kg
P2847-03	BKG-3	Solid	Benzo(k)fluoranthene	260.000		99.4	200	ug/Kg
P2847-03	BKG-3	Solid	Chrysene	580.000		95.7	200	ug/Kg
P2847-03	BKG-3	Solid	Fluoranthene	960.000		98.3	200	ug/Kg
P2847-03	BKG-3	Solid	Indeno(1,2,3-cd)pyrene	220.000		94	200	ug/Kg
P2847-03	BKG-3	Solid	Phenanthrene	390.000		100	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2847-03	BKG-3	Solid	Pyrene	610.000		99.9	200	ug/Kg
Total Svoc :						5,220.00		
Total Concentration:						5,220.00		
Client ID : OSTL-D2								
P2977-20	OSTL-D2	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P2977-20	OSTL-D2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P2977-20	OSTL-D2	Solid	26-Nor-5-cholesten-3.beta.-ol-25-	*	200.000	J		
P2977-20	OSTL-D2	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P2977-20	OSTL-D2	Solid	D-Friedoolean-14-en-3-ol	*	1,100.000	J		
P2977-20	OSTL-D2	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	170.000	J		
P2977-20	OSTL-D2	Solid	Germanicol	*	560.000	J		
P2977-20	OSTL-D2	Solid	Heneicosane	*	140.000	J		
P2977-20	OSTL-D2	Solid	Hexacosane, 1-iodo-	*	160.000	J		
P2977-20	OSTL-D2	Solid	Hexadecane, 1,1-oxybis-	*	200.000	J		
P2977-20	OSTL-D2	Solid	Isopropyl Alcohol	*	320.000	J		
P2977-20	OSTL-D2	Solid	n-Hexadecanoic acid	*	1,400.000	J		
P2977-20	OSTL-D2	Solid	Nonadecane	*	170.000	J		
P2977-20	OSTL-D2	Solid	Octacosyl trifluoroacetate	*	250.000	J		
P2977-20	OSTL-D2	Solid	Octadecane	*	120.000	J		
P2977-20	OSTL-D2	Solid	Octadecanoic acid	*	1,300.000	J		
P2977-20	OSTL-D2	Solid	Oxirane, heptadecyl-	*	200.000	J		
P2977-20	OSTL-D2	Solid	Tetratetracontane	*	140.000	J		
P2977-20	OSTL-D2	Solid	Tetratriacontyl heptafluorobutyrate	*	490.000	J		
P2977-20	OSTL-D2	Solid	unknown10.016	*	300.000	J		
Total Tics :						9,510.00		
Total Concentration:						9,510.00		
Client ID : OSTL-D3								
P2977-21	OSTL-D3	Solid	1-Hexacosene	*	220.000	J		
P2977-21	OSTL-D3	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2977-21	OSTL-D3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P2977-21	OSTL-D3	Solid	4-(1,1-Dimethylpropyl)phenyl ace	*	220.000	J		
P2977-21	OSTL-D3	Solid	4-(7-Methyloctyl)phenol	*	330.000	J		
P2977-21	OSTL-D3	Solid	Behenic alcohol	*	1,200.000	J		
P2977-21	OSTL-D3	Solid	Benzo[e]pyrene	*	170.000	J		
P2977-21	OSTL-D3	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2977-21	OSTL-D3	Solid	Cycloeicosane	*	180.000	J		
P2977-21	OSTL-D3	Solid	Heptadecane, 9-octyl-	*	320.000	J		
P2977-21	OSTL-D3	Solid	n-Hexadecanoic acid	*	340.000	J		
P2977-21	OSTL-D3	Solid	Nonacosanal	*	290.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-21	OSTL-D3	Solid	Octadecane	*	220.000	J		
P2977-21	OSTL-D3	Solid	Oxirane, heptadecyl-	*	610.000	J		
P2977-21	OSTL-D3	Solid	Phenol, 2-(1,1-dimethylethyl)-	*	280.000	J		
P2977-21	OSTL-D3	Solid	Phenol, 2-(1,1-dimethylethyl)-4-n	*	130.000	J		
P2977-21	OSTL-D3	Solid	Phenol, 4-(1,1,3,3-tetramethylbuty	*	250.000	J		
P2977-21	OSTL-D3	Solid	Phenol, p-tert-butyl-	*	210.000	J		
P2977-21	OSTL-D3	Solid	Propylene Glycol	*	180.000	J		
P2977-21	OSTL-D3	Solid	unknown10.016	*	560.000	J		
Total Tics :					7,370.00			
P2977-21	OSTL-D3	Solid	Benzo(a)anthracene		180.000	J	92.8	200 ug/Kg
P2977-21	OSTL-D3	Solid	Benzo(a)pyrene		190.000	J	110	200 ug/Kg
P2977-21	OSTL-D3	Solid	Benzo(b)fluoranthene		280.000		93.3	200 ug/Kg
P2977-21	OSTL-D3	Solid	Benzo(g,h,i)perylene		100.000	J	92.1	200 ug/Kg
P2977-21	OSTL-D3	Solid	Bis(2-ethylhexyl)phthalate		250.000		100	200 ug/Kg
P2977-21	OSTL-D3	Solid	Chrysene		180.000	J	91.4	200 ug/Kg
P2977-21	OSTL-D3	Solid	Fluoranthene		360.000		94	200 ug/Kg
P2977-21	OSTL-D3	Solid	Phenanthrene		110.000	J	96.6	200 ug/Kg
P2977-21	OSTL-D3	Solid	Pyrene		230.000		95.4	200 ug/Kg
Total Svoc :					1,880.00			
Total Concentration:					9,250.00			
Client ID : OSTL-D4								
P2977-22	OSTL-D4	Solid	1-Docosene	*	210.000	J		
P2977-22	OSTL-D4	Solid	1-Nonadecene	*	110.000	J		
P2977-22	OSTL-D4	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P2977-22	OSTL-D4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P2977-22	OSTL-D4	Solid	Benzo[e]pyrene	*	88.300	J		
P2977-22	OSTL-D4	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P2977-22	OSTL-D4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	100.000	J		
P2977-22	OSTL-D4	Solid	Heneicosane	*	99.200	J		
P2977-22	OSTL-D4	Solid	n-Hexadecanoic acid	*	210.000	J		
P2977-22	OSTL-D4	Solid	Octadecanal	*	110.000	J		
P2977-22	OSTL-D4	Solid	Octadecane	*	150.000	J		
P2977-22	OSTL-D4	Solid	Propylene Glycol	*	220.000	J		
P2977-22	OSTL-D4	Solid	unknown10.016	*	270.000	J		
Total Tics :					3,567.50			
Total Concentration:					3,567.50			
Client ID : OSTL-D5								
P2977-23	OSTL-D5	Solid	1-(4-Pyridinyl)piperazine	*	120.000	J		
P2977-23	OSTL-D5	Solid	1-Docosene	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-23	OSTL-D5	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2977-23	OSTL-D5	Solid	1-Tetracosene	*	380.000	J		
P2977-23	OSTL-D5	Solid	2-Methyl-4-hydroxybenzoxazole	*	140.000	J		
P2977-23	OSTL-D5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P2977-23	OSTL-D5	Solid	4-(7-Methyloctyl)phenol	*	430.000	J		
P2977-23	OSTL-D5	Solid	5H-Pyrrolo(3,2-d)pyrimidine-2,4-	*	290.000	J		
P2977-23	OSTL-D5	Solid	Benzo[e]pyrene	*	150.000	J		
P2977-23	OSTL-D5	Solid	Butane, 2-methoxy-2-methyl-	*	670.000	J		
P2977-23	OSTL-D5	Solid	Docosane	*	170.000	J		
P2977-23	OSTL-D5	Solid	Heptadecane	*	110.000	J		
P2977-23	OSTL-D5	Solid	n-Hexadecanoic acid	*	200.000	J		
P2977-23	OSTL-D5	Solid	Oxirane, hexadecyl-	*	220.000	J		
P2977-23	OSTL-D5	Solid	Phenol, 2-(1,1,3,3-tetramethylbuty	*	290.000	J		
P2977-23	OSTL-D5	Solid	Phenol, 4-(1,1,3,3-tetramethylbuty	*	170.000	J		
P2977-23	OSTL-D5	Solid	Phenol, 4-(1,1-dimethylpropyl)-	*	290.000	J		
P2977-23	OSTL-D5	Solid	Phenol, p-tert-butyl-	*	300.000	J		
P2977-23	OSTL-D5	Solid	Propylene Glycol	*	110.000	J		
P2977-23	OSTL-D5	Solid	unknown10.975	*	170.000	J		
Total Tics :					4,550.00			
P2977-23	OSTL-D5	Solid	Benzo(a)anthracene		160.000	J	94.5	200 ug/Kg
P2977-23	OSTL-D5	Solid	Benzo(a)pyrene		190.000	J	110	200 ug/Kg
P2977-23	OSTL-D5	Solid	Benzo(b)fluoranthene		270.000		95	200 ug/Kg
P2977-23	OSTL-D5	Solid	Benzo(k)fluoranthene		110.000	J	96.7	200 ug/Kg
P2977-23	OSTL-D5	Solid	Chrysene		180.000	J	93.1	200 ug/Kg
P2977-23	OSTL-D5	Solid	Fluoranthene		340.000		95.7	200 ug/Kg
P2977-23	OSTL-D5	Solid	Phenanthrene		120.000	J	98.4	200 ug/Kg
P2977-23	OSTL-D5	Solid	Pyrene		190.000	J	97.2	200 ug/Kg
Total Svoc :					1,560.00			
Total Concentration:					6,110.00			
Client ID : OSTL-D6								
P2977-24	OSTL-D6	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2977-24	OSTL-D6	Solid	1-Tetracosene	*	210.000	J		
P2977-24	OSTL-D6	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P2977-24	OSTL-D6	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2977-24	OSTL-D6	Solid	Eicosane	*	120.000	J		
P2977-24	OSTL-D6	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	83.700	J		
P2977-24	OSTL-D6	Solid	Heneicosane	*	170.000	J		
P2977-24	OSTL-D6	Solid	Hexacosanal	*	170.000	J		
P2977-24	OSTL-D6	Solid	n-Hexadecanoic acid	*	170.000	J		
P2977-24	OSTL-D6	Solid	Nonadecane	*	150.000	J		

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2977-24	OSTL-D6	Solid	Octadecane, 1-(ethenylloxy)-	*	210.000	J		
P2977-24	OSTL-D6	Solid	Oxirane, hexadecyl-	*	130.000	J		
P2977-24	OSTL-D6	Solid	Pentadecafluorooctanoic acid, oct	*	210.000	J		
P2977-24	OSTL-D6	Solid	Propylene Glycol	*	110.000	J		
P2977-24	OSTL-D6	Solid	Valerena-4,7(11)-diene	*	99.700	J		
Total Tics :					3,593.40			
P2977-24	OSTL-D6	Solid	Benzo(b)fluoranthene		120.000	J 94.7	200	ug/Kg
P2977-24	OSTL-D6	Solid	Fluoranthene		130.000	J 95.4	200	ug/Kg
Total Svoc :					250.00			
Total Concentration:					3,843.40			
Client ID : HR-02-06202024								
P2995-01	HR-02-06202024	Solid	1-Phenoxypropan-2-ol	*	68.700	J		
P2995-01	HR-02-06202024	Solid	16-Octadecenoic acid, methyl este	*	420.000	J		
P2995-01	HR-02-06202024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	79.700	A		
P2995-01	HR-02-06202024	Solid	9,12-Octadecadienoic acid, methy	*	550.000	J		
P2995-01	HR-02-06202024	Solid	Dodecane, 5,8-diethyl-	*	54.700	J		
P2995-01	HR-02-06202024	Solid	Eicosane	*	77.600	J		
P2995-01	HR-02-06202024	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	64.500	J		
P2995-01	HR-02-06202024	Solid	Heptacosane	*	63.500	J		
P2995-01	HR-02-06202024	Solid	Heptadecane	*	84.300	J		
P2995-01	HR-02-06202024	Solid	Hexadecane	*	54.100	J		
P2995-01	HR-02-06202024	Solid	Hexadecanoic acid, methyl ester	*	120.000	J		
P2995-01	HR-02-06202024	Solid	n-Hexadecanoic acid	*	200.000	J		
P2995-01	HR-02-06202024	Solid	Nonadecane	*	77.200	J		
P2995-01	HR-02-06202024	Solid	Octadecanoic acid	*	120.000	J		
P2995-01	HR-02-06202024	Solid	Pentadecane	*	68.300	J		
P2995-01	HR-02-06202024	Solid	Propylene Glycol	*	140.000	J		
P2995-01	HR-02-06202024	Solid	Sulfurous acid, octadecyl 2-propyl	*	150.000	J		
P2995-01	HR-02-06202024	Solid	Tetradecane	*	160.000	J		
P2995-01	HR-02-06202024	Solid	Tridecane	*	63.900	J		
P2995-01	HR-02-06202024	Solid	Tridecane, 1-iodo-	*	85.700	J		
Total Tics :					2,702.20			
P2995-01	HR-02-06202024	Solid	Benzo(a)anthracene		72.100	J 50.4	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Benzo(a)pyrene		79.200	J 58.1	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Benzo(b)fluoranthene		110.000	J 50.6	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Benzo(g,h,i)perylene		51.900	J 50	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Chrysene		80.900	J 49.6	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Fluoranthene		180.000	J 51	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Phenanthrene		73.800	J 52.4	110	ug/Kg
P2995-01	HR-02-06202024	Solid	Pyrene		140.000	J 51.8	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				787.90				
Total Concentration:				3,490.10				
Client ID : TR-06-062024								
P2997-01	TR-06-062024	Solid	9,12-Octadecadienoic acid, methy *	15,400.000	J			
P2997-01	TR-06-062024	Solid	Carbonic acid, eicosyl vinyl ester *	930.000	J			
P2997-01	TR-06-062024	Solid	Decane, 5-propyl-	630.000	J			
P2997-01	TR-06-062024	Solid	Docosanoic acid, methyl ester	540.000	J			
P2997-01	TR-06-062024	Solid	Eicosane	920.000	J			
P2997-01	TR-06-062024	Solid	Eicosanoic acid, methyl ester	460.000	J			
P2997-01	TR-06-062024	Solid	Heneicosane	1,500.000	J			
P2997-01	TR-06-062024	Solid	Hentriacontane	450.000	J			
P2997-01	TR-06-062024	Solid	Heptadecane	750.000	J			
P2997-01	TR-06-062024	Solid	Heptadecane, 8-methyl-	920.000	J			
P2997-01	TR-06-062024	Solid	Heptadecane, 9-octyl-	500.000	J			
P2997-01	TR-06-062024	Solid	Hexadecane	1,100.000	J			
P2997-01	TR-06-062024	Solid	Hexadecanoic acid, methyl ester	4,700.000	J			
P2997-01	TR-06-062024	Solid	n-Hexadecanoic acid	950.000	J			
P2997-01	TR-06-062024	Solid	Nonadecane	860.000	J			
P2997-01	TR-06-062024	Solid	Octadecanoic acid	430.000	J			
P2997-01	TR-06-062024	Solid	Pentadecane, 8-hexyl-	610.000	J			
P2997-01	TR-06-062024	Solid	Tetracosane	670.000	J			
P2997-01	TR-06-062024	Solid	Tetradecane	860.000	J			
P2997-01	TR-06-062024	Solid	Tridecane	580.000	J			
Total Tics :				33,760.00				
P2997-01	TR-06-062024	Solid	2-Methylnaphthalene	57.300	J	54.2	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(a)anthracene	180.000		53	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(a)pyrene	180.000		61.1	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(b)fluoranthene	220.000		53.3	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(g,h,i)perylene	100.000	J	52.6	110	ug/Kg
P2997-01	TR-06-062024	Solid	Benzo(k)fluoranthene	81.600	J	54.3	110	ug/Kg
P2997-01	TR-06-062024	Solid	Chrysene	190.000		52.2	110	ug/Kg
P2997-01	TR-06-062024	Solid	Fluoranthene	320.000		53.7	110	ug/Kg
P2997-01	TR-06-062024	Solid	Indeno(1,2,3-cd)pyrene	87.900	J	51.3	110	ug/Kg
P2997-01	TR-06-062024	Solid	Phenanthrene	140.000		55.2	110	ug/Kg
P2997-01	TR-06-062024	Solid	Pyrene	310.000		54.5	110	ug/Kg
Total Svoc :				1,866.80				
Total Concentration:				35,626.80				
Client ID : WCS-TPL								
P2998-01	WCS-TPL	Solid	1-Phenoxypropan-2-ol	*	94.900	J		

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2998-01	WCS-TPL	Solid	2-Pentanone, 4-hydroxy-4-methyl *	95.800	A			
P2998-01	WCS-TPL	Solid	9-Octadecenamamide, (Z)- *	120.000	J			
P2998-01	WCS-TPL	Solid	Butane, 2-methoxy-2-methyl- *	230.000	J			
P2998-01	WCS-TPL	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	82.300	J			
P2998-01	WCS-TPL	Solid	Heneicosane *	48.500	J			
P2998-01	WCS-TPL	Solid	Heptadecane, 8-methyl- *	45.300	J			
P2998-01	WCS-TPL	Solid	n-Hexadecanoic acid *	66.700	J			
P2998-01	WCS-TPL	Solid	Nonadecane *	77.800	J			
P2998-01	WCS-TPL	Solid	Octadecanoic acid *	82.100	J			
P2998-01	WCS-TPL	Solid	Oxalic acid, isobutyl hexadecyl es *	110.000	J			
P2998-01	WCS-TPL	Solid	Propylene Glycol *	170.000	J			
P2998-01	WCS-TPL	Solid	unknown10.016 *	590.000	J			
Total Tics :				1,813.40				
Total Concentration:				1,813.40				

Client ID : WC-WS-6-21-24

P3008-01	WC-WS-6-21-24	Solid	11H-Benzo[a]fluorene *	50.800	J			
P3008-01	WC-WS-6-21-24	Solid	11H-Benzo[b]fluorene *	78.900	J			
P3008-01	WC-WS-6-21-24	Solid	2-Pentanone, 4-hydroxy-4-methyl *	88.100	A			
P3008-01	WC-WS-6-21-24	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P3008-01	WC-WS-6-21-24	Solid	Acephenanthrylene, 4,5-dihydro- *	60.800	J			
P3008-01	WC-WS-6-21-24	Solid	Anthracene, 1-methyl- *	49.200	J			
P3008-01	WC-WS-6-21-24	Solid	Anthracene, 2-methyl- *	81.000	J			
P3008-01	WC-WS-6-21-24	Solid	Benzo[e]pyrene *	130.000	J			
P3008-01	WC-WS-6-21-24	Solid	Butane, 2-methoxy-2-methyl- *	1,500.000	J			
P3008-01	WC-WS-6-21-24	Solid	Cyclopenta(def)phenanthrenone *	59.400	J			
P3008-01	WC-WS-6-21-24	Solid	Dibenzothiophene *	81.900	J			
P3008-01	WC-WS-6-21-24	Solid	Heptacos-1-ene *	110.000	J			
P3008-01	WC-WS-6-21-24	Solid	Naphthalene, 2-phenyl- *	54.400	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 1-methyl- *	60.100	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 2,5-dimethyl- *	77.200	J			
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene, 2-methyl- *	190.000	J			
P3008-01	WC-WS-6-21-24	Solid	Pyrene, 1-methyl- *	67.000	J			
P3008-01	WC-WS-6-21-24	Solid	unknown10.016 *	150.000	J			
P3008-01	WC-WS-6-21-24	Solid	unknown10.833 *	91.900	J			
Total Tics :				3,170.70				
P3008-01	WC-WS-6-21-24	Solid	Acenaphthene	100.000	J	57.8	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Anthracene	160.000		60.1	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(a)anthracene	480.000		57.5	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(a)pyrene	490.000		66.3	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(b)fluoranthene	580.000		57.8	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF062424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3008-01	WC-WS-6-21-24	Solid	Benzo(g,h,i)perylene	250.000		57.1	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Benzo(k)fluoranthene	200.000		58.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Chrysene	470.000		56.7	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Dibenzo(a,h)anthracene	66.900	J	57.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Fluoranthene	1,000.000		58.2	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Fluorene	94.800	J	60.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Indeno(1,2,3-cd)pyrene	230.000		55.7	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Phenanthrene	590.000		59.9	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Pyrene	840.000		59.1	120	ug/Kg
P3008-01	WC-WS-6-21-24	Solid	Total PAH	5,551.000		944.4	1920	ug/Kg
Total Svoc :				11,102.70				
Total Concentration:				14,273.40				

Client ID : VNJ-204

P3009-01	VNJ-204	Solid	1,4-Benzenedicarboxylic acid, bis *	200.000	J			
P3009-01	VNJ-204	Solid	1-Tetracosene *	250.000	J			
P3009-01	VNJ-204	Solid	11H-Benzo[a]fluoren-11-one *	140.000	J			
P3009-01	VNJ-204	Solid	2-Pentanone, 4-hydroxy-4-methyl *	93.100	A			
P3009-01	VNJ-204	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P3009-01	VNJ-204	Solid	n-Hexadecanoic acid *	190.000	J			
P3009-01	VNJ-204	Solid	Octadecanal *	210.000	J			
P3009-01	VNJ-204	Solid	Octadecanoic acid *	65.700	J			
P3009-01	VNJ-204	Solid	Phenol, 4-(1-methyl-1-phenylethy *	46.000	J			
P3009-01	VNJ-204	Solid	Squalene *	260.000	J			
Total Tics :				2,654.80				
P3009-01	VNJ-204	Solid	Benzo(a)anthracene	110.000		53.5	110	ug/Kg
P3009-01	VNJ-204	Solid	Benzo(a)pyrene	120.000		61.7	110	ug/Kg
P3009-01	VNJ-204	Solid	Benzo(b)fluoranthene	200.000		53.8	110	ug/Kg
P3009-01	VNJ-204	Solid	Benzo(g,h,i)perylene	65.200	J	53.1	110	ug/Kg
P3009-01	VNJ-204	Solid	Benzo(k)fluoranthene	63.900	J	54.8	110	ug/Kg
P3009-01	VNJ-204	Solid	Chrysene	130.000		52.7	110	ug/Kg
P3009-01	VNJ-204	Solid	Fluoranthene	210.000		54.2	110	ug/Kg
P3009-01	VNJ-204	Solid	Indeno(1,2,3-cd)pyrene	63.000	J	51.8	110	ug/Kg
P3009-01	VNJ-204	Solid	Phenanthrene	57.800	J	55.7	110	ug/Kg
P3009-01	VNJ-204	Solid	Pyrene	150.000		55.1	110	ug/Kg
Total Svoc :				1,169.90				
Total Concentration:				3,824.70				



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
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.

Form VI SV-1

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.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 11:09

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	PB161624BL	293705	6.88	1.14183e	8.16	649106	9.92
02	PB161566TB	294216	6.88	1.14712e	8.16	656036	9.92
03	PB161624BS	291759	6.89	1.16492e	8.17	647653	9.93
04	PB161589TB	279015	6.88	1.09718e	8.16	617558	9.92
05	PB161565TB	292992	6.88	1.15503e	8.16	655765	9.92
06	OSTL-D2	257061	6.88	968015	8.16	518554	9.92
07	WCS-TPL	270374	6.88	1.02082e	8.16	548905	9.92
08	WCS-TPLMS	265624	6.89	1.01786e	8.17	529068	9.92
09	WCS-TPLMSD	264461	6.89	1.01141e	8.17	524963	9.92
10	OSTL-D6	248036	6.88	938375	8.16	487776	9.92
11	BKG-3	264774	6.88	980945	8.16	446790	9.92
12	OSTL-D4	235605	6.88	866306	8.16	434691	9.92
13	OSTL-D5	237521	6.88	871186	8.16	423924	9.92
14	BKG-1	237660	6.88	846448	8.16	393565	9.92
15	BKG-2	212584	6.88	784078	8.16	362840	9.92
16	OSTL-D3	228039	6.89	800824	8.16	360246	9.92
17	HR-02-06202024	216702	6.89	742229	8.16	323949 *	9.92
18	TR-06-062024	183856	6.89	587202 *	8.17	260262 *	9.92
19	VNJ-204	197945	6.89	683446	8.17	321090 *	9.92
20	VNJ-204MS	235399	6.89	832347	8.17	370938	9.93
21	VNJ-204MSD	211649	6.89	737398	8.17	339112 *	9.92
22	WC-WS-6-21-24	193370	6.89	644810 *	8.17	290589 *	9.92



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 21:39

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.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138301.D

Time Analyzed: 11:09

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	279647	6.887	1.09837e+01	8.17	603510	9.92
	UPPER LIMIT	559294	7.387	2196740	8.669	1207020	10.422
	LOWER LIMIT	139823.5	6.387	549185	7.669	301755	9.422
	EPA SAMPLE NO.						
01	PB161624BL	293705	6.88	1.14183e	8.16	649106	9.92
02	PB161566TB	294216	6.88	1.14712e	8.16	656036	9.92
03	PB161624BS	291759	6.89	1.16492e	8.17	647653	9.93
04	PB161589TB	279015	6.88	1.09718e	8.16	617558	9.92
05	PB161565TB	292992	6.88	1.15503e	8.16	655765	9.92
06	OSTL-D2	257061	6.88	968015	8.16	518554	9.92
07	WCS-TPL	270374	6.88	1.02082e	8.16	548905	9.92
08	WCS-TPLMS	265624	6.89	1.01786e	8.17	529068	9.92
09	WCS-TPLMSD	264461	6.89	1.01141e	8.17	524963	9.92
10	OSTL-D6	248036	6.88	938375	8.16	487776	9.92
11	BKG-3	264774	6.88	980945	8.16	446790	9.92
12	OSTL-D4	235605	6.88	866306	8.16	434691	9.92
13	OSTL-D5	237521	6.88	871186	8.16	423924	9.92
14	BKG-1	237660	6.88	846448	8.16	393565	9.92
15	BKG-2	212584	6.88	784078	8.16	362840	9.92
16	OSTL-D3	228039	6.89	800824	8.16	360246	9.92
17	HR-02-06202024	216702	6.89	742229	8.16	323949	9.92
18	TR-06-062024	183856	6.89	587202	8.17	260262 *	9.92
19	VNJ-204	197945	6.89	683446	8.17	321090	9.92
20	VNJ-204MS	235399	6.89	832347	8.17	370938	9.93
21	VNJ-204MSD	211649	6.89	737398	8.17	339112	9.92
22	WC-WS-6-21-24	193370	6.89	644810	8.17	290589 *	9.92



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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138301.D Time Analyzed: 21:39

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	279647	6.887	1.09837e+01	8.17	603510	9.92
UPPER LIMIT	559294	7.387	2196740	8.669	1207020	10.422
LOWER LIMIT	139823.5	6.387	549185	7.669	301755	9.422
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.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 11:09

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	PB161624BL	1.14935	11.40	646592	14.04	591262	15.52
02	PB161566TB	1.16259	11.40	655524	14.04	597240	15.52
03	PB161624BS	1.11242	11.41	540785	14.05	592666	15.52
04	PB161589TB	1.09967	11.40	599777	14.04	571485	15.52
05	PB161565TB	1.16392	11.40	644681	14.04	600197	15.52
06	OSTL-D2	801977	11.40	513955	14.04	605775	15.52
07	WCS-TPL	825157	11.40	543065	14.04	626266	15.52
08	WCS-TPLMS	746446	11.40	546209	14.05	615674	15.52
09	WCS-TPLMSD	757386	11.41	521713	14.05	620494	15.52
10	OSTL-D6	692198	11.40	527893	14.04	564845	15.52
11	BKG-3	597949	11.40	485399	14.05	428447	15.52
12	OSTL-D4	610196	11.40	515121	14.04	448124	15.52
13	OSTL-D5	597365	11.40	545027	14.04	473587	15.52
14	BKG-1	546434 *	11.40	550154	14.05	448499	15.52
15	BKG-2	535969 *	11.40	496659	14.05	407209	15.52
16	OSTL-D3	546478 *	11.40	478740	14.04	366837	15.52
17	HR-02-06202024	523127 *	11.40	418776	14.05	323930	15.52
18	TR-06-062024	492480 *	11.41	328522 *	14.05	291046 *	15.53
19	VNJ-204	557044 *	11.41	396520	14.05	337469	15.53
20	VNJ-204MS	606845	11.41	382267	14.05	327277	15.53
21	VNJ-204MSD	620496	11.41	424572	14.05	362772	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 21:39

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.						
22 WC-WS-6-21-24	529779 *	11.41	362185	14.05	309681 *	15.53

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.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138301.D Time Analyzed: 11:09

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	1.03143e+0	11.41	518782	14.045	545401	15.516
	UPPER LIMIT	2062860	11.91	1037564	14.545	1090802	16.016
	LOWER LIMIT	515715	10.91	259391	13.545	272700.5	15.016
	EPA SAMPLE NO.						
01	PB161624BL	1.14935	11.40	646592	14.04	591262	15.52
02	PB161566TB	1.16259	11.40	655524	14.04	597240	15.52
03	PB161624BS	1.11242	11.41	540785	14.05	592666	15.52
04	PB161589TB	1.09967	11.40	599777	14.04	571485	15.52
05	PB161565TB	1.16392	11.40	644681	14.04	600197	15.52
06	OSTL-D2	801977	11.40	513955	14.04	605775	15.52
07	WCS-TPL	825157	11.40	543065	14.04	626266	15.52
08	WCS-TPLMS	746446	11.40	546209	14.05	615674	15.52
09	WCS-TPLMSD	757386	11.41	521713	14.05	620494	15.52
10	OSTL-D6	692198	11.40	527893	14.04	564845	15.52
11	BKG-3	597949	11.40	485399	14.05	428447	15.52
12	OSTL-D4	610196	11.40	515121	14.04	448124	15.52
13	OSTL-D5	597365	11.40	545027	14.04	473587	15.52
14	BKG-1	546434	11.40	550154	14.05	448499	15.52
15	BKG-2	535969	11.40	496659	14.05	407209	15.52
16	OSTL-D3	546478	11.40	478740	14.04	366837	15.52
17	HR-02-06202024	523127	11.40	418776	14.05	323930	15.52
18	TR-06-062024	492480 *	11.41	328522	14.05	291046	15.53
19	VNJ-204	557044	11.41	396520	14.05	337469	15.53
20	VNJ-204MS	606845	11.41	382267	14.05	327277	15.53
21	VNJ-204MSD	620496	11.41	424572	14.05	362772	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF062424 SAS No.: BF062424 SDG NO.: BF062424

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 24 2024 12:00AM

Lab File ID: BF138301.D Time Analyzed: 21:39

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	1.03143e+04	11.41	518782	14.045	545401	15.516
UPPER LIMIT	2062860	11.91	1037564	14.545	1090802	16.016
LOWER LIMIT	515715	10.91	259391	13.545	272700.5	15.016
EPA SAMPLE NO.						
22 WC-WS-6-21-24	529779	11.41	362185	14.05	309681	15.53

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.: **BF062424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161624BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700		ug/Kg	0		*		10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	2000	ug/Kg	118		*		61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	640	ug/Kg	38				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	4600	ug/Kg	139		*		45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	25600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF062424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161624BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3500	ug/Kg	103				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				67	113	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	1400	ug/Kg	42				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	2100	ug/Kg	124		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2200	ug/Kg	129		*		63	111	
	Di-n-octyl phthalate	1700	2400	ug/Kg	141		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				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	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1900	ug/Kg	112				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161589TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062424

SAS No.: BF062424 SDG NO.: BF062424

Lab File ID: BF138305.D

Lab Sample ID: PB161589TB

Instrument ID: BNA_F

Date Extracted: 06/20/2024

Matrix: (soil/water) water

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 12:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161589TB	PB161589TB	BF138305.D	06/24/2024
PB161565TB	PB161565TB	BF138306.D	06/24/2024
PB161566TB	PB161566TB	BF138303.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161624BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062424

SAS No.: BF062424 SDG NO.: BF062424

Lab File ID: BF138302.D

Lab Sample ID: PB161624BL

Instrument ID: BNA_F

Date Extracted: 06/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 11:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161624BS	PB161624BS	BF138304.D	06/24/2024
OSTL-D2	P2977-20	BF138307.D	06/24/2024
WCS-TPL	P2998-01	BF138308.D	06/24/2024
WCS-TPLMS	P2998-01MS	BF138309.D	06/24/2024
WCS-TPLMSD	P2998-01MSD	BF138310.D	06/24/2024
OSTL-D6	P2977-24	BF138311.D	06/24/2024
BKG-3	P2847-03	BF138312.D	06/24/2024
OSTL-D4	P2977-22	BF138313.D	06/24/2024
OSTL-D5	P2977-23	BF138314.D	06/24/2024
BKG-1	P2847-01	BF138315.D	06/24/2024
BKG-2	P2847-02	BF138316.D	06/24/2024
OSTL-D3	P2977-21	BF138317.D	06/24/2024
HR-02-06202024	P2995-01	BF138318.D	06/24/2024
TR-06-062024	P2997-01	BF138319.D	06/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VNJ-204

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF062424

SAS No.: BF062424 SDG NO.: BF062424

Lab File ID: BF138320.D

Lab Sample ID: P3009-01

Instrument ID: BNA_F

Date Extracted: 06/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/24/2024

Level: (low/med) LOW

Time Analyzed: 20:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VNJ-204	P3009-01	BF138320.D	06/24/2024
VNJ-204MS	P3009-01MS	BF138321.D	06/24/2024
VNJ-204MSD	P3009-01MSD	BF138322.D	06/24/2024
WC-WS-6-21-24	P3008-01	BF138323.D	06/24/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3009-01MS		Client Sample ID: VNJ-204MS		DataFile: BF138321.D							
n-Nitrosodimethylamine	1100		970	ug/Kg	88				66	124	
Pyridine	1100		890	ug/Kg	81				45	119	
Benzaldehyde	1100		350	ug/Kg	32				26	163	
Aniline	1100		460	ug/Kg	42				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		990	ug/Kg	90				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		960	ug/Kg	87				61	105	
1,3-Dichlorobenzene	1100		950	ug/Kg	86				62	101	
1,4-Dichlorobenzene	1100		960	ug/Kg	87				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		900	ug/Kg	82				52	115	
Acetophenone	1100		920	ug/Kg	84				75	111	
3+4-Methylphenols	1100		910	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1100		930	ug/Kg	85				59	119	
Hexachloroethane	1100		910	ug/Kg	83				65	117	
Nitrobenzene	1100		990	ug/Kg	90				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1300	ug/Kg	118				54	145	
2,4-Dimethylphenol	1100		1100	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		990	ug/Kg	90				72	118	
1,2,4-Trichlorobenzene	1100		970	ug/Kg	88				57	103	
Benzoic acid	1100		780	ug/Kg	71				50	104	
Naphthalene	1100		960	ug/Kg	87				72	110	
4-Chloroaniline	1100		230	ug/Kg	21				10	100	
Hexachlorobutadiene	1100		990	ug/Kg	90				66	114	
Caprolactam	1100		910	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1100		950	ug/Kg	86				57	132	
2-Methylnaphthalene	1100		910	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2200		910	ug/Kg	41				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		780	ug/Kg	71				20	111	
Acenaphthene	1100		960	ug/Kg	87				70	121	
Total PAH	17600		17540	ug/Kg	100				70	121	
2,4-Dinitrophenol	2200		610	ug/Kg	28				16	160	
4-Nitrophenol	2200		1900	ug/Kg	86				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		950	ug/Kg	86				68	116	
4-Nitroaniline	1100		880	ug/Kg	80				55	120	
4,6-Dinitro-2-methylphenol	1100		440	ug/Kg	40				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		960	ug/Kg	87				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		980	ug/Kg	89				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2200		1900	ug/Kg	86				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1300	ug/Kg	118				59	125	
Benzidine	2200		3000	ug/Kg	136	*			10	119	
Pyrene	1100		1200	ug/Kg	109				52	128	
Butylbenzylphthalate	1100		1700	ug/Kg	155	*			64	126	
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109				10	164	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		2000	ug/Kg	182	*			66	127	
Di-n-octyl phthalate	1100		2200	ug/Kg	200	*			71	126	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				74	114	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91				67	130	
Benzo(g,h,i)perylene	1100		970	ug/Kg	88				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		840	ug/Kg	76				46	112	
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91				56	133	
1-Methylnaphthalene	1100		860	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3009-01MSD		Client Sample ID: VNJ-204MSD		DataFile: BF138322.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91		3		66	124	20
Pyridine	1100		980	ug/Kg	89		9		45	119	20
Benzaldehyde	1100		350	ug/Kg	32		0		26	163	20
Aniline	1100		460	ug/Kg	42		0		10	88	20
Phenol	1100		1000	ug/Kg	91		0		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		11		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		9		61	138	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		4		61	105	20
1,3-Dichlorobenzene	1100		1000	ug/Kg	91		6		62	101	20
1,4-Dichlorobenzene	1100		1000	ug/Kg	91		4		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		9		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		1		66	122	20
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86		5		52	115	20
Acetophenone	1100		980	ug/Kg	89		6		75	111	20
3+4-Methylphenols	1100		950	ug/Kg	86		4		53	132	20
N-Nitroso-di-n-propylamine	1100		980	ug/Kg	89		5		59	119	20
Hexachloroethane	1100		930	ug/Kg	85		2		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		1		70	119	20
Isophorone	1100		1100	ug/Kg	100		9		76	122	20
2-Nitrophenol	1100		1400	ug/Kg	127		7		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		9		83	144	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		9		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		1		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		3		57	103	20
Benzoic acid	1100		830	ug/Kg	75		5		50	104	20
Naphthalene	1100		1000	ug/Kg	91		4		72	110	20
4-Chloroaniline	1100		270	ug/Kg	25		17		10	100	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		11		66	114	20
Caprolactam	1100		950	ug/Kg	86		4		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		3		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		9		59	123	20
Hexachlorocyclopentadiene	2200		820	ug/Kg	37		10		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		9		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		9		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		0		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	8		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		9		79	118	20
2,6-Dinitrotoluene	1100		1200	ug/Kg	109		9		70	125	20
3-Nitroaniline	1100		870	ug/Kg	79		11		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		4		70	121	20
Total PAH	17600		18200	ug/Kg	103		3		70	121	20
2,4-Dinitrophenol	2200		650	ug/Kg	30		7		16	160	20
4-Nitrophenol	2200		2200	ug/Kg	100		15		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		9		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2500	ug/Kg	114		13		55	128	20
2,4-Dinitrotoluene	1100		1300	ug/Kg	118		17		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		9		71	108	20
Fluorene	1100		1000	ug/Kg	91		6		68	116	20
4-Nitroaniline	1100		980	ug/Kg	89		11		55	120	20
4,6-Dinitro-2-methylphenol	1100		440	ug/Kg	40		0		32	145	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		0		73	118	20
Azobenzene	1100		1100	ug/Kg	100		14		73	110	20
4-Bromophenyl-phenylether	1100		980	ug/Kg	89		2		65	121	20
Hexachlorobenzene	1100		940	ug/Kg	85		5		67	118	20
Atrazine	1100		1100	ug/Kg	100		0		79	127	20
Pentachlorophenol	2200		1900	ug/Kg	86		0		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		72	113	20
Anthracene	1100		1100	ug/Kg	100		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		9		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		8		69	118	20
Fluoranthene	1100		1400	ug/Kg	127	*	7		59	125	20
Benzidine	2200		3200	ug/Kg	145	*	6		10	119	20
Pyrene	1100		1100	ug/Kg	100		9		52	128	20
Butylbenzylphthalate	1100		1700	ug/Kg	155	*	0		64	126	20
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109		0		10	164	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		9		71	114	20
Chrysene	1100		1200	ug/Kg	109		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		2000	ug/Kg	182	*	0		66	127	20
Di-n-octyl phthalate	1100		2300	ug/Kg	209	*	4		71	126	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		8		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		9		74	114	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100		0		61	125	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		0		67	130	20
Benzo(g,h,i)perylene	1100		1000	ug/Kg	91		3		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		9		69	124	20
1,4-Dioxane	1100		920	ug/Kg	84		10		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		9		56	133	20
1-Methylnaphthalene	1100		980	ug/Kg	89		13		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2998-01MS		Client Sample ID: WCS-TPLMS		DataFile: BF138309.D							
n-Nitrosodimethylamine	1100		920	ug/Kg	84				66	124	
Pyridine	1100		790	ug/Kg	72				45	119	
Benzaldehyde	1100		370	ug/Kg	34				26	163	
Aniline	1100		830	ug/Kg	75				10	88	
Phenol	1100		980	ug/Kg	89				67	126	
bis(2-Chloroethyl)ether	1100		960	ug/Kg	87				74	116	
2-Chlorophenol	1100		990	ug/Kg	90				61	138	
1,2-Dichlorobenzene	1100		920	ug/Kg	84				61	105	
1,3-Dichlorobenzene	1100		890	ug/Kg	81				62	101	
1,4-Dichlorobenzene	1100		900	ug/Kg	82				63	104	
Benzyl Alcohol	1100		980	ug/Kg	89				47	126	
2-Methylphenol	1100		960	ug/Kg	87				66	122	
2,2-oxybis(1-Chloropropane)	1100		890	ug/Kg	81				52	115	
Acetophenone	1100		840	ug/Kg	76				75	111	
3+4-Methylphenols	1100		910	ug/Kg	83				53	132	
N-Nitroso-di-n-propylamine	1100		910	ug/Kg	83				59	119	
Hexachloroethane	1100		940	ug/Kg	85				65	117	
Nitrobenzene	1100		900	ug/Kg	82				70	119	
Isophorone	1100		960	ug/Kg	87				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				83	144	
bis(2-Chloroethoxy)methane	1100		970	ug/Kg	88				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		600	ug/Kg	55				50	104	
Naphthalene	1100		910	ug/Kg	83				72	110	
4-Chloroaniline	1100		610	ug/Kg	55				10	100	
Hexachlorobutadiene	1100		910	ug/Kg	83				66	114	
Caprolactam	1100		890	ug/Kg	81				51	134	
4-Chloro-3-methylphenol	1100		980	ug/Kg	89				57	132	
2-Methylnaphthalene	1100		930	ug/Kg	85				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		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		800	ug/Kg	73				20	111	
Acenaphthene	1100		970	ug/Kg	88				70	121	
Total PAH	17600		14570	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		950	ug/Kg	86				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

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		860	ug/Kg	78				55	120	
4,6-Dinitro-2-methylphenol	1100		1000	ug/Kg	91				32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		920	ug/Kg	84				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		1700	ug/Kg	81				47	128	
Phenanthrene	1100		990	ug/Kg	90				72	113	
Anthracene	1100		1000	ug/Kg	91				62	124	
Carbazole	1100		890	ug/Kg	81				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		900	ug/Kg	82				59	125	
Benzydine	2100		1700	ug/Kg	81				10	119	
Pyrene	1100		740	ug/Kg	67				52	128	
Butylbenzylphthalate	1100		1200	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100				10	164	
Benzo(a)anthracene	1100		990	ug/Kg	90				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		1900	ug/Kg	173	*			71	126	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				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		700	ug/Kg	64				61	125	
Dibenz(a,h)anthracene	1100		700	ug/Kg	64	*			67	130	
Benzo(g,h,i)perylene	1100		590	ug/Kg	54				53	140	
1,2,4,5-Tetrachlorobenzene	1100		910	ug/Kg	83				69	124	
1,4-Dioxane	1100		740	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	1100		950	ug/Kg	86				56	133	
1-Methylnaphthalene	1100		880	ug/Kg	80				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2998-01MSD		Client Sample ID: WCS-TPLMSD		DataFile: BF138310.D							
n-Nitrosodimethylamine	1100		990	ug/Kg	90		7		66	124	20
Pyridine	1100		880	ug/Kg	80		11		45	119	20
Benzaldehyde	1100		400	ug/Kg	36		6		26	163	20
Aniline	1100		890	ug/Kg	81		8		10	88	20
Phenol	1100		1000	ug/Kg	91		2		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		4		74	116	20
2-Chlorophenol	1100		1100	ug/Kg	100		11		61	138	20
1,2-Dichlorobenzene	1100		980	ug/Kg	89		6		61	105	20
1,3-Dichlorobenzene	1100		950	ug/Kg	86		6		62	101	20
1,4-Dichlorobenzene	1100		960	ug/Kg	87		6		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		12		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		4		66	122	20
2,2-oxybis(1-Chloropropane)	1100		950	ug/Kg	86		6		52	115	20
Acetophenone	1100		890	ug/Kg	81		6		75	111	20
3+4-Methylphenols	1100		960	ug/Kg	87		5		53	132	20
N-Nitroso-di-n-propylamine	1100		980	ug/Kg	89		7		59	119	20
Hexachloroethane	1100		1000	ug/Kg	91		7		65	117	20
Nitrobenzene	1100		980	ug/Kg	89		8		70	119	20
Isophorone	1100		1000	ug/Kg	91		4		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		8		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		9		83	144	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		3		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		12		72	118	20
1,2,4-Trichlorobenzene	1100		980	ug/Kg	89		6		57	103	20
Benzoic acid	1100		700	ug/Kg	64		15		50	104	20
Naphthalene	1100		960	ug/Kg	87		5		72	110	20
4-Chloroaniline	1100		610	ug/Kg	55		0		10	100	20
Hexachlorobutadiene	1100		970	ug/Kg	88		6		66	114	20
Caprolactam	1100		990	ug/Kg	90		11		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		12		57	132	20
2-Methylnaphthalene	1100		980	ug/Kg	89		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		1100	ug/Kg	100		12		72	117	20
1,1-Biphenyl	1100		960	ug/Kg	87		6		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		9		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		880	ug/Kg	80		9		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		3		70	121	20
Total PAH	17600		15500	ug/Kg	88		6		70	121	20
2,4-Dinitrophenol	2100		1600	ug/Kg	76		13		16	160	20
4-Nitrophenol	2100		1700	ug/Kg	81		6		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		6		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF062424

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		990	ug/Kg	90		6		71	108	20
Fluorene	1100		940	ug/Kg	85		6		68	116	20
4-Nitroaniline	1100		950	ug/Kg	86		10		55	120	20
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100		9		32	145	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		9		73	118	20
Azobenzene	1100		990	ug/Kg	90		7		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		9		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		1800	ug/Kg	86		6		47	128	20
Phenanthrene	1100		1000	ug/Kg	91		1		72	113	20
Anthracene	1100		1100	ug/Kg	100		9		62	124	20
Carbazole	1100		940	ug/Kg	85		5		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		930	ug/Kg	85		4		59	125	20
Benzydine	2100		2000	ug/Kg	95		16		10	119	20
Pyrene	1100		810	ug/Kg	74		10		52	128	20
Butylbenzylphthalate	1100		1300	ug/Kg	118		8		64	126	20
3,3-Dichlorobenzidine	1100		1200	ug/Kg	109		9		10	164	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		11		71	114	20
Chrysene	1100		1100	ug/Kg	100		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1600	ug/Kg	145	*	6		66	127	20
Di-n-octyl phthalate	1100		2000	ug/Kg	182	*	5		71	126	20
Benzo(b)fluoranthene	1100		1100	ug/Kg	100		0		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		760	ug/Kg	69		8		61	125	20
Dibenz(a,h)anthracene	1100		760	ug/Kg	69		8		67	130	20
Benzo(g,h,i)perylene	1100		640	ug/Kg	58		7		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		990	ug/Kg	90		8		69	124	20
1,4-Dioxane	1100		790	ug/Kg	72		7		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		6		56	133	20
1-Methylnaphthalene	1100		920	ug/Kg	84		5		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF062424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161565TB	PB161565TB	BF138306.D	2-Fluorophenol	150	120.40	80		10	139
			Phenol-d6	150	115.92	77		10	134
			Nitrobenzene-d5	100	82.03	82		49	133
			2-Fluorobiphenyl	100	75.09	75		52	132
			2,4,6-Tribromophenol	150	124.44	83		32	145
			Terphenyl-d14	100	83.63	84		36	145
PB161566TB	PB161566TB	BF138303.D	2-Fluorophenol	150	119.44	80		10	139
			Phenol-d6	150	114.52	76		10	134
			Nitrobenzene-d5	100	82.76	83		49	133
			2-Fluorobiphenyl	100	74.67	75		52	132
			2,4,6-Tribromophenol	150	125.38	84		32	145
			Terphenyl-d14	100	84.14	84		36	145
PB161589TB	PB161589TB	BF138305.D	2-Fluorophenol	150	123.94	83		10	139
			Phenol-d6	150	117.91	79		10	134
			Nitrobenzene-d5	100	84.43	84		49	133
			2-Fluorobiphenyl	100	77.47	77		52	132
			2,4,6-Tribromophenol	150	127.23	85		32	145
			Terphenyl-d14	100	88.99	89		36	145

Surrogate Summary

SW-846

SDG No.: **BF062424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2847-01	BKG-1	BF138315.D	2-Fluorophenol	150	75.23	50		18	112
			Phenol-d6	150	70.31	47		15	107
			Nitrobenzene-d5	100	54.48	54		18	107
			2-Fluorobiphenyl	100	59.93	60		20	109
			2,4,6-Tribromophenol	150	65.75	44		10	110
			Terphenyl-d14	100	42.17	42		14	112
P2847-02	BKG-2	BF138316.D	2-Fluorophenol	150	75.37	50		18	112
			Phenol-d6	150	70.70	47		15	107
			Nitrobenzene-d5	100	51.24	51		18	107
			2-Fluorobiphenyl	100	61.36	61		20	109
			2,4,6-Tribromophenol	150	69.68	46		10	110
			Terphenyl-d14	100	45.34	45		14	112
P2847-03	BKG-3	BF138312.D	2-Fluorophenol	150	77.80	52		18	112
			Phenol-d6	150	78.90	53		15	107
			Nitrobenzene-d5	100	56.69	57		18	107
			2-Fluorobiphenyl	100	66.72	67		20	109
			2,4,6-Tribromophenol	150	68.62	46		10	110
			Terphenyl-d14	100	43.84	44		14	112
P2977-20	OSTL-D2	BF138307.D	2-Fluorophenol	150	84.53	56		18	112
			Phenol-d6	150	82.91	55		15	107
			Nitrobenzene-d5	100	57.06	57		18	107
			2-Fluorobiphenyl	100	54.50	55		20	109
			2,4,6-Tribromophenol	150	72.56	48		10	110
			Terphenyl-d14	100	49.56	50		14	112
P2977-21	OSTL-D3	BF138317.D	2-Fluorophenol	150	71.49	48		18	112
			Phenol-d6	150	67.89	45		15	107
			Nitrobenzene-d5	100	50.66	51		18	107
			2-Fluorobiphenyl	100	57.06	57		20	109
			2,4,6-Tribromophenol	150	67.06	45		10	110
			Terphenyl-d14	100	43.85	44		14	112
P2977-22	OSTL-D4	BF138313.D	2-Fluorophenol	150	78.81	53		18	112
			Phenol-d6	150	76.37	51		15	107
			Nitrobenzene-d5	100	53.88	54		18	107
			2-Fluorobiphenyl	100	57.24	57		20	109
			2,4,6-Tribromophenol	150	69.76	47		10	110
			Terphenyl-d14	100	44.24	44		14	112
P2977-23	OSTL-D5	BF138314.D	2-Fluorophenol	150	57.29	38		18	112
			Phenol-d6	150	59.78	40		15	107
			Nitrobenzene-d5	100	42.37	42		18	107
			2-Fluorobiphenyl	100	49.50	50		20	109
			2,4,6-Tribromophenol	150	58.75	39		10	110
			Terphenyl-d14	100	35.63	36		14	112
P2977-24	OSTL-D6	BF138311.D	2-Fluorophenol	150	76.26	51		18	112
			Phenol-d6	150	73.47	49		15	107
			Nitrobenzene-d5	100	51.15	51		18	107
			2-Fluorobiphenyl	100	52.46	52		20	109
			2,4,6-Tribromophenol	150	64.42	43		10	110
			Terphenyl-d14	100	41.29	41		14	112
P2995-01	HR-02-06202024	BF138318.D	2-Fluorophenol	150	85.53	57		18	112

Surrogate Summary

SW-846

SDG No.: **BF062424**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2995-01	HR-02-062024	BF138318.D	Phenol-d6	150	81.03	54		15	107
			Nitrobenzene-d5	100	62.32	62		18	107
			2-Fluorobiphenyl	100	71.37	71		20	109
			2,4,6-Tribromophenol	150	88.23	59		10	110
			Terphenyl-d14	100	61.22	61		14	112
P2997-01	TR-06-062024	BF138319.D	2-Fluorophenol	150	77.48	52		18	112
			Phenol-d6	150	72.18	48		15	107
			Nitrobenzene-d5	100	55.36	55		18	107
			2-Fluorobiphenyl	100	61.93	62		20	109
			2,4,6-Tribromophenol	150	91.18	61		10	110
P2998-01	WCS-TPL	BF138308.D	Terphenyl-d14	100	63.35	63		14	112
			2-Fluorophenol	150	96.53	64		18	112
			Phenol-d6	150	95.33	64		15	107
			Nitrobenzene-d5	100	68.19	68		18	107
			2-Fluorobiphenyl	100	67.78	68		20	109
P2998-01MS	WCS-TPLMS	BF138309.D	2,4,6-Tribromophenol	150	91.16	61		10	110
			Terphenyl-d14	100	59.56	60		14	112
			2-Fluorophenol	150	94.37	63		18	112
			Phenol-d6	150	93.31	62		15	107
			Nitrobenzene-d5	100	65.99	66		18	107
P2998-01MSD	WCS-TPLMSD	BF138310.D	2-Fluorobiphenyl	100	67.41	67		20	109
			2,4,6-Tribromophenol	150	93.80	63		10	110
			Terphenyl-d14	100	55.06	55		14	112
			2-Fluorophenol	150	101.28	68		18	112
			Phenol-d6	150	99.71	66		15	107
PB161624BL	PB161624BL	BF138302.D	Nitrobenzene-d5	100	71.19	71		18	107
			2-Fluorobiphenyl	100	71.01	71		20	109
			2,4,6-Tribromophenol	150	100.86	67		10	110
			Terphenyl-d14	100	60.15	60		14	112
			2-Fluorophenol	150	120.19	80		18	112
PB161624BS	PB161624BS	BF138304.D	Phenol-d6	150	115.45	77		15	107
			Nitrobenzene-d5	100	82.95	83		18	107
			2-Fluorobiphenyl	100	75.37	75		20	109
			2,4,6-Tribromophenol	150	125.81	84		10	110
			Terphenyl-d14	100	84.12	84		14	112
			2-Fluorophenol	150	123.92	83		18	112
			Phenol-d6	150	123.34	82		15	107
			Nitrobenzene-d5	100	86.08	86		18	107
			2-Fluorobiphenyl	100	78.72	79		20	109
			2,4,6-Tribromophenol	150	137.85	92		10	110
			Terphenyl-d14	100	96.33	96		14	112

Surrogate Summary

SW-846

SDG No.: **BF062424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3008-01	WC-WS-6-21-24	BF138323.D	2-Fluorophenol	150	86.00	57		18	112
			Phenol-d6	150	76.80	51		15	107
			Nitrobenzene-d5	100	59.68	60		18	107
			2-Fluorobiphenyl	100	55.42	55		20	109
			2,4,6-Tribromophenol	150	90.02	60		10	110
			Terphenyl-d14	100	51.16	51		14	112
P3009-01	VNJ-204	BF138320.D	2-Fluorophenol	150	89.09	59		18	112
			Phenol-d6	150	82.28	55		15	107
			Nitrobenzene-d5	100	61.22	61		18	107
			2-Fluorobiphenyl	100	66.89	67		20	109
			2,4,6-Tribromophenol	150	96.68	64		10	110
			Terphenyl-d14	100	62.92	63		14	112
P3009-01MS	VNJ-204MS	BF138321.D	2-Fluorophenol	150	82.69	55		18	112
			Phenol-d6	150	78.93	53		15	107
			Nitrobenzene-d5	100	59.09	59		18	107
			2-Fluorobiphenyl	100	65.72	66		20	109
			2,4,6-Tribromophenol	150	89.56	60		10	110
			Terphenyl-d14	100	67.51	68		14	112
P3009-01MSD	VNJ-204MSD	BF138322.D	2-Fluorophenol	150	88.16	59		18	112
			Phenol-d6	150	82.54	55		15	107
			Nitrobenzene-d5	100	62.18	62		18	107
			2-Fluorobiphenyl	100	72.25	72		20	109
			2,4,6-Tribromophenol	150	101.02	67		10	110
			Terphenyl-d14	100	64.53	65		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062424

Lab Code: CHEM

SAS No.: BF062424

SDG NO.: BF062424

Lab File ID: BF138300.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.7
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	19.3 (19.9) 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	BF138301.D	06/24/2024	10:39
PB161624BL	PB161624BL	BF138302.D	06/24/2024	11:09
PB161566TB	PB161566TB	BF138303.D	06/24/2024	11:38
PB161624BS	PB161624BS	BF138304.D	06/24/2024	12:08
PB161589TB	PB161589TB	BF138305.D	06/24/2024	12:37
PB161565TB	PB161565TB	BF138306.D	06/24/2024	13:07
OSTL-D2	P2977-20	BF138307.D	06/24/2024	13:43
WCS-TPL	P2998-01	BF138308.D	06/24/2024	14:13
WCS-TPLMS	P2998-01MS	BF138309.D	06/24/2024	14:42
WCS-TPLMSD	P2998-01MSD	BF138310.D	06/24/2024	15:12
OSTL-D6	P2977-24	BF138311.D	06/24/2024	15:43
BKG-3	P2847-03	BF138312.D	06/24/2024	16:13
OSTL-D4	P2977-22	BF138313.D	06/24/2024	16:43
OSTL-D5	P2977-23	BF138314.D	06/24/2024	17:13
BKG-1	P2847-01	BF138315.D	06/24/2024	17:43
BKG-2	P2847-02	BF138316.D	06/24/2024	18:13
OSTL-D3	P2977-21	BF138317.D	06/24/2024	18:42
HR-02-06202024	P2995-01	BF138318.D	06/24/2024	19:12

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF062424

Lab Code: CHEM

SAS No.: BF062424

SDG NO.: BF062424

Lab File ID: BF138300.D

DFTPP Injection Date: 06/24/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.7
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	19.3 (19.9) 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
TR-06-062024	P2997-01	BF138319.D	06/24/2024	19:42
VNJ-204	P3009-01	BF138320.D	06/24/2024	20:12
VNJ-204MS	P3009-01MS	BF138321.D	06/24/2024	20:41
VNJ-204MSD	P3009-01MSD	BF138322.D	06/24/2024	21:10
WC-WS-6-21-24	P3008-01	BF138323.D	06/24/2024	21:39