

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG No.: BF061824

Instrument ID: BNA_F Calibration Date/Time: 6/18/2024 11:36

Lab File ID: BF138218.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	0.579		-3.821	
Pyridine	1.300	1.310		0.769	
2-Fluorophenol	1.196	1.183		-1.087	
Benzaldehyde	0.805	0.793		-1.491	
Aniline	1.483	1.466		-1.146	
Phenol-d6	1.516	1.476		-2.639	
Phenol	1.539	1.522		-1.105	20.0
bis(2-Chloroethyl) ether	1.231	1.198		-2.681	
2-Chlorophenol	1.293	1.263		-2.32	
1,2-Dichlorobenzene	1.388	1.292		-6.916	
1,3-Dichlorobenzene	1.469	1.389		-5.446	
1,4-Dichlorobenzene	1.478	1.400		-5.277	20.0
Benzyl Alcohol	1.022	1.008		-1.37	
2-Methylphenol	1.020	1.001		-1.863	
2,2-oxybis(1-Chloropropane)	1.738	1.595		-8.228	
Acetophenone	0.457	0.426		-6.783	
3+4-Methylphenols	1.284	1.233		-3.972	
n-Nitroso-di-n-propylamine	0.899	0.841	0.050	-6.452	
Nitrobenzene-d5	0.344	0.340		-1.163	
Hexachloroethane	0.501	0.497		-0.798	
Nitrobenzene	0.355	0.349		-1.69	
Isophorone	0.621	0.583		-6.119	
2-Nitrophenol	0.143	0.169		18.182	20.0
2,4-Dimethylphenol	0.217	0.212		-2.304	
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	0.307		-6.97	
Benzoic acid	0.191	0.221		15.707	
Naphthalene	0.989	0.922		-6.775	
4-Chloroaniline	0.370	0.351		-5.135	
Hexachlorobutadiene	0.193	0.180		-6.736	20.0
Caprolactam	0.084	0.087		3.571	
4-Chloro-3-methylphenol	0.278	0.274		-1.439	20.0
2-Methylnaphthalene	0.649	0.598		-7.858	
Hexachlorocyclopentadiene	0.191	0.195	0.050	2.094	
2,4,6-Trichlorophenol	0.366	0.359		-1.913	20.0
2-Fluorobiphenyl	1.258	1.126		-10.493	
2,4,5-Trichlorophenol	0.402	0.396		-1.493	
1,1-Biphenyl	1.468	1.369		-6.744	

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Lab File ID: BF138218.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	1.097		-5.431	
2-Nitroaniline	0.279	0.307		10.036	
Dimethylphthalate	1.225	1.174		-4.163	
Acenaphthylene	1.626	1.516		-6.765	
2,6-Dinitrotoluene	0.266	0.285		7.143	
3-Nitroaniline	0.284	0.300		5.634	
Acenaphthene	1.109	1.038		-6.402	20.0
2,4-Dinitrophenol	0.104	0.126	0.050	21.154	
4-Nitrophenol	0.224	0.245	0.050	9.375	
Dibenzofuran	1.550	1.440		-7.097	
2,4-Dinitrotoluene	0.328	0.368		12.195	
Diethylphthalate	1.163	1.112		-4.385	
4-Chlorophenyl-phenylether	0.607	0.555		-8.567	
Fluorene	1.219	1.100		-9.762	
4-Nitroaniline	0.284	0.300		5.634	
4,6-Dinitro-2-methylphenol	0.090	0.104		15.556	
n-Nitrosodiphenylamine	0.612	0.550		-10.131	20.0
Azobenzene	1.165	1.094		-6.094	
2,4,6-Tribromophenol	0.199	0.193		-3.015	
4-Bromophenyl-phenylether	0.225	0.204		-9.333	
Hexachlorobenzene	0.263	0.236		-10.266	
Atrazine	0.174	0.159		-8.621	
Pentachlorophenol	0.153	0.155		1.307	20.0
Phenanthrene	0.989	0.893		-9.707	
Anthracene	0.982	0.896		-8.758	
Carbazole	0.901	0.834		-7.436	
Di-n-butylphthalate	0.932	0.923		-0.966	
Fluoranthene	1.009	0.961		-4.757	20.0
Benzidine	0.231	0.391		69.264	
Pyrene	1.725	1.596		-7.478	
Terphenyl-d14	1.263	1.161		-8.076	
Butylbenzylphthalate	0.469	0.561		19.616	
3,3-Dichlorobenzidine	0.353	0.369		4.533	
Benzo(a)anthracene	1.283	1.198		-6.625	
Chrysene	1.223	1.150		-5.969	
Bis(2-ethylhexyl)phthalate	0.546	0.654		19.78	
Di-n-octyl phthalate	0.811	0.857		5.672	20.0
Benzo(b)fluoranthene	1.179	1.166		-1.103	
Benzo(k)fluoranthene	1.156	1.096		-5.19	

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Lab Name: CHEMTECH Contract: _____
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 Instrument ID: BNA_F Calibration Date/Time: 6/18/2024 11:36
 Lab File ID: BF138218.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	0.984		-2.863	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.328		1.84	
Dibenzo(a,h)anthracene	1.070	1.096		2.43	
Benzo(g,h,i)perylene	1.107	1.125		1.626	
1,2,4,5-Tetrachlorobenzene	0.584	0.537		-8.048	
1,4-Dioxane	0.547	0.545		-0.366	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.307		-2.229	
1-Methylnaphthalene	0.636	0.588		-7.547	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	6/18/2024 12:00:00 AM	
Project:				Date Received:	6/18/2024 12:00:00 AM	
Client Sample ID:	PB161536BL			SDG No.:	BF061824	
Lab Sample ID:	PB161536BL			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
BF138219.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

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

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161536BL	SDG No.:	BF061824
Lab Sample ID:	PB161536BL	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
BF138219.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	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	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	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	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161536BL	SDG No.:	BF061824
Lab Sample ID:	PB161536BL	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
BF138219.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.767		18-112		75	SPK: -150
13127-88-3	Phenol-d6	109.732		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	78.527		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	69.757		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161536BL	SDG No.:	BF061824
Lab Sample ID:	PB161536BL	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
BF138219.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.434		10-110		78	SPK: -150
1718-51-0	Terphenyl-d14	61.158		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	406370	6.892				
1146-65-2	Naphthalene-d8	1590398	8.169				
15067-26-2	Acenaphthene-d10	885183	9.927				
1517-22-2	Phenanthrene-d10	1622746	11.41				
1719-03-5	Chrysene-d12	1217370	14.045				
1520-96-3	Perylene-d12	1154629	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	79.3	J			2.299	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.145	



Client:				Date Collected:	6/18/2024 12:00:00 AM	
Project:				Date Received:	6/18/2024 12:00:00 AM	
Client Sample ID:	PB161536BS			SDG No.:	BF061824	
Lab Sample ID:	PB161536BS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138220.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1100		180	270	330	ug/Kg
62-53-3	Aniline	870		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1200		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161536BS	SDG No.:	BF061824
Lab Sample ID:	PB161536BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138220.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	23100		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161536BS	SDG No.:	BF061824
Lab Sample ID:	PB161536BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138220.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2700	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1300		83.9	130	170	ug/Kg
120-12-7	Anthracene	1300		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	300	J	160	270	330	ug/Kg
129-00-0	Pyrene	1300		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.472		18-112		78	SPK: -150
13127-88-3	Phenol-d6	118.276		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	78.513		18-107		79	SPK: -100
321-60-8	2-Fluorobiphenyl	68.129		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161536BS	SDG No.:	BF061824
Lab Sample ID:	PB161536BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138220.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.556		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	71.957		14-112		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	427195	6.892				
1146-65-2	Naphthalene-d8	1744815	8.175				
15067-26-2	Acenaphthene-d10	964312	9.933				
1517-22-2	Phenanthrene-d10	1702932	11.416				
1719-03-5	Chrysene-d12	1063642	14.051				
1520-96-3	Perylene-d12	849049	15.521				



Client:				Date Collected:	6/17/2024 12:00:00 AM	
Project:				Date Received:	6/17/2024 12:00:00 AM	
Client Sample ID:	CLEAN-CONC			SDG No.:	BF061824	
Lab Sample ID:	P2924-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.01	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
BF138221.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1	U	52.1	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.4	U	48.4	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.5	U	54.5	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.5	U	51.5	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.6	U	49.6	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.6	U	49.6	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	CLEAN-CONC	SDG No.:	BF061824
Lab Sample ID:	P2924-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 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
BF138221.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.1	U	52.1	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.6	U	93.6	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.7	U	48.7	78	100	ug/Kg
Total PAH	Total PAH	795.2	U	795.2	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
84-66-2	Diethylphthalate	48.1	U	48.1	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49	U	49	78	100	ug/Kg
103-33-3	Azobenzene	47.8	U	47.8	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	ug/Kg



Client:				Date Collected:	6/17/2024 12:00:00 AM	
Project:				Date Received:	6/17/2024 12:00:00 AM	
Client Sample ID:	CLEAN-CONC			SDG No.:	BF061824	
Lab Sample ID:	P2924-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	50.01	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
BF138221.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	48.19		18-112		32	SPK: -150
13127-88-3	Phenol-d6	61.653		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	56.636		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	57.896		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	CLEAN-CONC	SDG No.:	BF061824
Lab Sample ID:	P2924-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 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
BF138221.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	26.539		10-110		18	SPK: -150
1718-51-0	Terphenyl-d14	48.503		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	352708	6.892				
1146-65-2	Naphthalene-d8	1348628	8.175				
15067-26-2	Acenaphthene-d10	684699	9.927				
1517-22-2	Phenanthrene-d10	913927	11.41				
1719-03-5	Chrysene-d12	643454	14.045				
1520-96-3	Perylene-d12	560719	15.515				

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	DAMAGED-CONC	SDG No.:	BF061824
Lab Sample ID:	P2924-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138222.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	290		49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	DAMAGED-CONC	SDG No.:	BF061824
Lab Sample ID:	P2924-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138222.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	69.5	J	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	170		52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	DAMAGED-CONC	SDG No.:	BF061824
Lab Sample ID:	P2924-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138222.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	62.9	J	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	67.1	J	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	56.43		18-112		38	SPK: -150
13127-88-3	Phenol-d6	70.554		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	68.651		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	105.845		20-109		106	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	DAMAGED-CONC	SDG No.:	BF061824
Lab Sample ID:	P2924-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138222.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	21.202		10-110		14	SPK: -150
1718-51-0	Terphenyl-d14	17.786		14-112		18	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292730	6.892				
1146-65-2	Naphthalene-d8	990558	8.175				
15067-26-2	Acenaphthene-d10	316383	10.004				
1517-22-2	Phenanthrene-d10	111639	11.574				
1719-03-5	Chrysene-d12	422310	14.115				
1520-96-3	Perylene-d12	294812	15.533				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	50.1	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
BF138223.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.5	U	63.5	200	240	ug/Kg
110-86-1	Pyridine	58.4	U	58.4	95	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.8	U	70.8	95	120	ug/Kg
108-95-2	Phenol	60.6	U	60.6	95	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.2	U	61.2	95	120	ug/Kg
95-57-8	2-Chlorophenol	61.1	U	61.1	95	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.9	U	61.9	95	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.9	U	62.9	95	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.2	U	63.2	95	120	ug/Kg
100-51-6	Benzyl Alcohol	60.7	U	60.7	200	240	ug/Kg
95-48-7	2-Methylphenol	58.9	U	58.9	95	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.5	U	66.5	95	120	ug/Kg
98-86-2	Acetophenone	63.5	U	63.5	95	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.3	U	58.3	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.5	U	29.5	58.5	58.5	ug/Kg
67-72-1	Hexachloroethane	60.7	U	60.7	95	120	ug/Kg
98-95-3	Nitrobenzene	66.4	U	66.4	95	120	ug/Kg
78-59-1	Isophorone	61.9	U	61.9	95	120	ug/Kg
88-75-5	2-Nitrophenol	69.1	U	69.1	95	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.1	U	68.1	95	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.7	U	62.7	95	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.2	U	55.2	95	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.4	U	62.4	95	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.4	U	60.4	95	120	ug/Kg
106-47-8	4-Chloroaniline	60.4	U	60.4	95	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.9	U	60.9	95	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	50.1	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
BF138223.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.5	U	63.5	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.7	U	56.7	95	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.3	U	60.3	95	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.2	U	52.2	95	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.1	U	54.1	95	120	ug/Kg
92-52-4	1,1-Biphenyl	63.9	U	63.9	95	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.9	U	60.9	95	120	ug/Kg
88-74-4	2-Nitroaniline	69.5	U	69.5	95	120	ug/Kg
131-11-3	Dimethylphthalate	59.7	U	59.7	95	120	ug/Kg
208-96-8	Acenaphthylene	63.2	U	63.2	95	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.8	U	60.8	95	120	ug/Kg
99-09-2	3-Nitroaniline	65.2	U	65.2	95	120	ug/Kg
83-32-9	Acenaphthene	59.3	U	59.3	95	120	ug/Kg
Total PAH	Total PAH	968.8	U	968.8	95	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	84.8	U	84.8	200	240	ug/Kg
132-64-9	Dibenzofuran	61.7	U	61.7	95	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	123.8	U	123.8	95	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	95	120	ug/Kg
84-66-2	Diethylphthalate	58.6	U	58.6	95	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.6	U	62.6	95	120	ug/Kg
86-73-7	Fluorene	62.5	U	62.5	95	120	ug/Kg
100-01-6	4-Nitroaniline	78.2	U	78.2	95	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.5	U	85.5	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.7	U	59.7	95	120	ug/Kg
103-33-3	Azobenzene	58.2	U	58.2	95	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.7	U	57.7	95	120	ug/Kg
118-74-1	Hexachlorobenzene	62.1	U	62.1	95	120	ug/Kg
1912-24-9	Atrazine	66.8	U	66.8	95	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	50.1	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
BF138223.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.5	U	56.5	200	240	ug/Kg
85-01-8	Phenanthrene	61.4	U	61.4	95	120	ug/Kg
120-12-7	Anthracene	61.7	U	61.7	95	120	ug/Kg
86-74-8	Carbazole	58.7	U	58.7	95	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.6	U	61.6	95	120	ug/Kg
206-44-0	Fluoranthene	59.7	U	59.7	95	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	60.7	U	60.7	95	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.8	U	70.8	95	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.1	U	72.1	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	59	U	59	95	120	ug/Kg
218-01-9	Chrysene	58.1	U	58.1	95	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.5	U	66.5	95	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.4	U	80.4	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	59.3	U	59.3	95	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.4	U	60.4	95	120	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	95	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57.1	U	57.1	95	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59.4	U	59.4	95	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.6	U	58.6	95	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.5	U	63.5	95	120	ug/Kg
123-91-1	1,4-Dioxane	80.4	U	80.4	95	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	54.6	95	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.8	U	60.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.909		18-112		66	SPK: -150
13127-88-3	Phenol-d6	96.007		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	66.752		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	65.766		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
Sample Wt/Vol:	50.1	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
BF138223.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.007		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	56.404		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	374783	6.892				
1146-65-2	Naphthalene-d8	1456006	8.175				
15067-26-2	Acenaphthene-d10	735691	9.928				
1517-22-2	Phenanthrene-d10	1016165	11.41				
1719-03-5	Chrysene-d12	693357	14.045				
1520-96-3	Perylene-d12	593398	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.222	
000057-55-6	Propylene Glycol	92.4	J			3.44	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.122	
000770-35-4	1-Phenoxypropan-2-ol	70.7	J			8.481	
	unknown10.022	250	J			10.022	
000057-10-3	n-Hexadecanoic acid	72.6	J			11.933	
015594-90-8	1-Heneicosanol	87.2	J			13.898	
000112-84-5	13-Docosenamide, (Z)-	55.1	J			14.81	
000629-92-5	Nonadecane	49	J			15.168	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMS	SDG No.:	BF061824
Lab Sample ID:	P2918-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138224.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		63.6	200	240	ug/Kg
110-86-1	Pyridine	960		58.5	95.2	120	ug/Kg
100-52-7	Benzaldehyde	530		130	200	240	ug/Kg
62-53-3	Aniline	960		70.9	95.2	120	ug/Kg
108-95-2	Phenol	1100		60.7	95.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		61.3	95.2	120	ug/Kg
95-57-8	2-Chlorophenol	1100		61.1	95.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		61.9	95.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		63	95.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		63.3	95.2	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		60.8	200	240	ug/Kg
95-48-7	2-Methylphenol	1100		59	95.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		66.6	95.2	120	ug/Kg
98-86-2	Acetophenone	950		63.6	95.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		58.4	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		29.5	58.6	58.6	ug/Kg
67-72-1	Hexachloroethane	1000		60.8	95.2	120	ug/Kg
98-95-3	Nitrobenzene	1000		66.5	95.2	120	ug/Kg
78-59-1	Isophorone	1100		61.9	95.2	120	ug/Kg
88-75-5	2-Nitrophenol	1300		69.2	95.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		68.2	95.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		62.8	95.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		55.3	95.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		62.5	95.2	120	ug/Kg
65-85-0	Benzoic acid	1100		170	200	240	ug/Kg
91-20-3	Naphthalene	1000		60.5	95.2	120	ug/Kg
106-47-8	4-Chloroaniline	460		60.5	95.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		61	95.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMS	SDG No.:	BF061824
Lab Sample ID:	P2918-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138224.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		63.6	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		56.7	95.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		60.4	95.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800		110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		52.3	95.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		54.2	95.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		64	95.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		61	95.2	120	ug/Kg
88-74-4	2-Nitroaniline	1200		69.6	95.2	120	ug/Kg
131-11-3	Dimethylphthalate	1200		59.8	95.2	120	ug/Kg
208-96-8	Acenaphthylene	1100		63.3	95.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		60.9	95.2	120	ug/Kg
99-09-2	3-Nitroaniline	840		65.3	95.2	120	ug/Kg
83-32-9	Acenaphthene	1100		59.4	95.2	120	ug/Kg
Total PAH	Total PAH	17010		970.3	95.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		180	200	240	ug/Kg
100-02-7	4-Nitrophenol	1700		84.9	200	240	ug/Kg
132-64-9	Dibenzofuran	1000		61.8	95.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		63.1	95.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		124	95.2	240	ug/Kg
84-66-2	Diethylphthalate	1200		58.6	95.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		62.7	95.2	120	ug/Kg
86-73-7	Fluorene	960		62.6	95.2	120	ug/Kg
100-01-6	4-Nitroaniline	880		78.3	95.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		85.7	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		59.7	95.2	120	ug/Kg
103-33-3	Azobenzene	1100		58.3	95.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		57.8	95.2	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		62.2	95.2	120	ug/Kg
1912-24-9	Atrazine	1300		66.9	95.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMS	SDG No.:	BF061824
Lab Sample ID:	P2918-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138224.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900		56.6	200	240	ug/Kg
85-01-8	Phenanthrene	1100		61.5	95.2	120	ug/Kg
120-12-7	Anthracene	1100		61.8	95.2	120	ug/Kg
86-74-8	Carbazole	1000		58.8	95.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	1400		61.7	95.2	120	ug/Kg
206-44-0	Fluoranthene	1000		59.8	95.2	120	ug/Kg
92-87-5	Benzidine	2900	E	120	200	240	ug/Kg
129-00-0	Pyrene	940		60.8	95.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	1500		70.9	95.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		72.2	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	1100		59.1	95.2	120	ug/Kg
218-01-9	Chrysene	1200		58.2	95.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		66.6	95.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	2200	E	80.5	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		59.4	95.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		60.5	95.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		68.1	95.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	980		57.2	95.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		59.5	95.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		58.6	95.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		63.6	95.2	120	ug/Kg
123-91-1	1,4-Dioxane	850		80.5	95.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		54.7	95.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	970		60.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.945		18-112		63	SPK: -150
13127-88-3	Phenol-d6	93.584		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	63.868		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	61.987		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMS	SDG No.:	BF061824
Lab Sample ID:	P2918-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138224.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.684		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	54.272		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	369496	6.892				
1146-65-2	Naphthalene-d8	1458337	8.175				
15067-26-2	Acenaphthene-d10	744683	9.927				
1517-22-2	Phenanthrene-d10	1023354	11.416				
1719-03-5	Chrysene-d12	660691	14.051				
1520-96-3	Perylene-d12	603710	15.521				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMSD	SDG No.:	BF061824
Lab Sample ID:	P2918-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138225.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		63.5	200	240	ug/Kg
110-86-1	Pyridine	1000		58.5	95.1	120	ug/Kg
100-52-7	Benzaldehyde	580		130	200	240	ug/Kg
62-53-3	Aniline	1100		70.9	95.1	120	ug/Kg
108-95-2	Phenol	1300		60.7	95.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		61.3	95.1	120	ug/Kg
95-57-8	2-Chlorophenol	1300		61.1	95.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		61.9	95.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		62.9	95.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		63.3	95.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1300		60.7	200	240	ug/Kg
95-48-7	2-Methylphenol	1200		59	95.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		66.5	95.1	120	ug/Kg
98-86-2	Acetophenone	1000		63.6	95.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		58.4	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		29.5	58.5	58.5	ug/Kg
67-72-1	Hexachloroethane	1200		60.7	95.1	120	ug/Kg
98-95-3	Nitrobenzene	1100		66.5	95.1	120	ug/Kg
78-59-1	Isophorone	1200		61.9	95.1	120	ug/Kg
88-75-5	2-Nitrophenol	1500		69.2	95.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		68.2	95.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		62.8	95.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		55.3	95.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		62.5	95.1	120	ug/Kg
65-85-0	Benzoic acid	1200		170	200	240	ug/Kg
91-20-3	Naphthalene	1100		60.5	95.1	120	ug/Kg
106-47-8	4-Chloroaniline	500		60.5	95.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		61	95.1	120	ug/Kg



Client:				Date Collected:	6/14/2024 12:00:00 AM	
Project:				Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	POLEMSD			SDG No.:	BF061824	
Lab Sample ID:	P2918-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	18.1	
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
BF138225.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		63.5	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		56.7	95.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		60.4	95.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		52.3	95.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		54.2	95.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		64	95.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		61	95.1	120	ug/Kg
88-74-4	2-Nitroaniline	1300		69.5	95.1	120	ug/Kg
131-11-3	Dimethylphthalate	1300		59.8	95.1	120	ug/Kg
208-96-8	Acenaphthylene	1200		63.3	95.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		60.9	95.1	120	ug/Kg
99-09-2	3-Nitroaniline	920		65.3	95.1	120	ug/Kg
83-32-9	Acenaphthene	1100		59.4	95.1	120	ug/Kg
Total PAH	Total PAH	18560		970.1	95.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		180	200	240	ug/Kg
100-02-7	4-Nitrophenol	1900		84.9	200	240	ug/Kg
132-64-9	Dibenzofuran	1100		61.8	95.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		124	95.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		63.1	95.1	120	ug/Kg
84-66-2	Diethylphthalate	1300		58.6	95.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		62.6	95.1	120	ug/Kg
86-73-7	Fluorene	1000		62.6	95.1	120	ug/Kg
100-01-6	4-Nitroaniline	980		78.3	95.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		85.6	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		59.7	95.1	120	ug/Kg
103-33-3	Azobenzene	1200		58.3	95.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		57.7	95.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		62.2	95.1	120	ug/Kg
1912-24-9	Atrazine	1500		66.9	95.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMSD	SDG No.:	BF061824
Lab Sample ID:	P2918-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138225.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	56.6	200	240	ug/Kg
85-01-8	Phenanthrene	1200		61.5	95.1	120	ug/Kg
120-12-7	Anthracene	1200		61.8	95.1	120	ug/Kg
86-74-8	Carbazole	1100		58.8	95.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1500		61.7	95.1	120	ug/Kg
206-44-0	Fluoranthene	1100		59.8	95.1	120	ug/Kg
92-87-5	Benzidine	3200	E	120	200	240	ug/Kg
129-00-0	Pyrene	1000		60.7	95.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1700		70.8	95.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		72.2	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	1200		59.1	95.1	120	ug/Kg
218-01-9	Chrysene	1300		58.2	95.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000	E	66.6	95.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	2400	E	80.5	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		59.4	95.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		60.5	95.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		68.1	95.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		57.2	95.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		59.4	95.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		58.6	95.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		63.5	95.1	120	ug/Kg
123-91-1	1,4-Dioxane	920		80.5	95.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		54.7	95.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		60.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.133		18-112		67	SPK: -150
13127-88-3	Phenol-d6	102.304		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	70.478		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	67.119		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLEMSD	SDG No.:	BF061824
Lab Sample ID:	P2918-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.1
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
BF138225.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.269		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	60.443		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	377886	6.892				
1146-65-2	Naphthalene-d8	1498417	8.175				
15067-26-2	Acenaphthene-d10	764231	9.928				
1517-22-2	Phenanthrene-d10	1068036	11.41				
1719-03-5	Chrysene-d12	651344	14.051				
1520-96-3	Perylene-d12	576233	15.521				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.07	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
BF138226.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.7	U	57.7	180	220	ug/Kg
110-86-1	Pyridine	53.1	U	53.1	86.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.4	U	64.4	86.4	110	ug/Kg
108-95-2	Phenol	55.1	U	55.1	86.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.6	U	55.6	86.4	110	ug/Kg
95-57-8	2-Chlorophenol	55.5	U	55.5	86.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.2	U	56.2	86.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.1	U	57.1	86.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.5	U	57.5	86.4	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	86.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.4	U	60.4	86.4	110	ug/Kg
98-86-2	Acetophenone	57.7	U	57.7	86.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	53	U	53	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.8	U	26.8	53.1	53.1	ug/Kg
67-72-1	Hexachloroethane	55.1	U	55.1	86.4	110	ug/Kg
98-95-3	Nitrobenzene	60.3	U	60.3	86.4	110	ug/Kg
78-59-1	Isophorone	56.2	U	56.2	86.4	110	ug/Kg
88-75-5	2-Nitrophenol	62.8	U	62.8	86.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.9	U	61.9	86.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57	U	57	86.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.2	U	50.2	86.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.7	U	56.7	86.4	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.9	U	54.9	86.4	110	ug/Kg
106-47-8	4-Chloroaniline	54.9	U	54.9	86.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.3	U	55.3	86.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.07	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
BF138226.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.7	U	57.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.5	U	51.5	86.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.8	U	54.8	86.4	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	86.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.2	U	49.2	86.4	110	ug/Kg
92-52-4	1,1-Biphenyl	58.1	U	58.1	86.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.3	U	55.3	86.4	110	ug/Kg
88-74-4	2-Nitroaniline	63.1	U	63.1	86.4	110	ug/Kg
131-11-3	Dimethylphthalate	54.3	U	54.3	86.4	110	ug/Kg
208-96-8	Acenaphthylene	57.5	U	57.5	86.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.3	U	55.3	86.4	110	ug/Kg
99-09-2	3-Nitroaniline	59.3	U	59.3	86.4	110	ug/Kg
83-32-9	Acenaphthene	53.9	U	53.9	86.4	110	ug/Kg
Total PAH	Total PAH	880.4	U	880.4	86.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.1	U	77.1	180	220	ug/Kg
132-64-9	Dibenzofuran	56.1	U	56.1	86.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.6	U	112.6	86.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.3	U	57.3	86.4	110	ug/Kg
84-66-2	Diethylphthalate	53.2	U	53.2	86.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.9	U	56.9	86.4	110	ug/Kg
86-73-7	Fluorene	56.8	U	56.8	86.4	110	ug/Kg
100-01-6	4-Nitroaniline	71.1	U	71.1	86.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.7	U	77.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.2	U	54.2	86.4	110	ug/Kg
103-33-3	Azobenzene	52.9	U	52.9	86.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.4	U	52.4	86.4	110	ug/Kg
118-74-1	Hexachlorobenzene	56.5	U	56.5	86.4	110	ug/Kg
1912-24-9	Atrazine	60.7	U	60.7	86.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.07	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
BF138226.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

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	55.8	U	55.8	86.4	110	ug/Kg
120-12-7	Anthracene	56.1	U	56.1	86.4	110	ug/Kg
86-74-8	Carbazole	53.3	U	53.3	86.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	56	86.4	110	ug/Kg
206-44-0	Fluoranthene	54.3	U	54.3	86.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.1	U	55.1	86.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.3	U	64.3	86.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.5	U	65.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.6	U	53.6	86.4	110	ug/Kg
218-01-9	Chrysene	52.8	U	52.8	86.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.4	U	60.4	86.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.1	U	73.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.9	U	53.9	86.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.9	U	54.9	86.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.8	U	61.8	86.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.9	U	51.9	86.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.9	U	53.9	86.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.2	U	53.2	86.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.7	U	57.7	86.4	110	ug/Kg
123-91-1	1,4-Dioxane	73.1	U	73.1	86.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.6	U	49.6	86.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.3	U	55.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.68		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.913		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	62.901		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	59.806		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	50.07	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
BF138226.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.37		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	50.385		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	391052	6.892				
1146-65-2	Naphthalene-d8	1486105	8.175				
15067-26-2	Acenaphthene-d10	745136	9.927				
1517-22-2	Phenanthrene-d10	1026847	11.41				
1719-03-5	Chrysene-d12	712190	14.045				
1520-96-3	Perylene-d12	601107	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.216	
000067-63-0	Isopropyl Alcohol	180	J			3.451	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.7	A			5.116	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	90.6	J			6.716	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.48	
	unknown10.022	240	J			10.022	
000057-10-3	n-Hexadecanoic acid	81.9	J			11.933	
000629-78-7	Heptadecane	56	J			13.221	
000630-02-4	Octacosane	56.5	J			13.563	
006765-39-5	1-Heptadecene	160	J			13.898	
000791-28-6	Triphenylphosphine oxide	58.2	J			14.139	
000630-01-3	Hexacosane	70	J			14.21	
000593-45-3	Octadecane	89	J			14.515	
000646-31-1	Tetracosane	120	J			14.827	
000629-94-7	Heneicosane	130	J			15.168	
001560-98-1	Octacosane, 2-methyl-	120	J			16.003	
001560-84-5	Eicosane, 2-methyl-	54.2	J			16.521	
1000406-32-4	Dotriacontane, 1-iodo-	66.2	J			17.127	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-03	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
BF138227.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-03	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
BF138227.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-03	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
BF138227.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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	119.668		10-139		80	SPK: -150
13127-88-3	Phenol-d6	112.025		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	91.395		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	85.602		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-03	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
BF138227.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.195		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	80.269		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372575	6.892				
1146-65-2	Naphthalene-d8	1417461	8.169				
15067-26-2	Acenaphthene-d10	719005	9.922				
1517-22-2	Phenanthrene-d10	993992	11.41				
1719-03-5	Chrysene-d12	647795	14.045				
1520-96-3	Perylene-d12	537023	15.515				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MS	SDG No.:	BF061824
Lab Sample ID:	P2915-03MS	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
BF138228.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	330		15.5	40	50	ug/L
100-52-7	Benzaldehyde	170		40	80	100	ug/L
62-53-3	Aniline	180		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	520		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	460		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	500		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	480		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	510		14.8	25	25	ug/L
67-72-1	Hexachloroethane	470		10.1	40	50	ug/L
98-95-3	Nitrobenzene	470		12.7	40	50	ug/L
78-59-1	Isophorone	500		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	610		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	530		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	500		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	62.4		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MS	SDG No.:	BF061824
Lab Sample ID:	P2915-03MS	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
BF138228.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	460		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	910	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	480		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	550		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	480		8.1	40	50	ug/L
Total PAH	Total PAH	7650		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	680		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	720		20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	530		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080		27.6	40	100	ug/L
84-66-2	Diethylphthalate	530		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	430		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	400		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	470		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	570		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	510		11.4	40	50	ug/L
1912-24-9	Atrazine	570		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MS	SDG No.:	BF061824
Lab Sample ID:	P2915-03MS	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
BF138228.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	880	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	480		8.9	40	50	ug/L
120-12-7	Anthracene	490		10.7	40	50	ug/L
86-74-8	Carbazole	440		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	610		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	250		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	690		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	420		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	820	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	970	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	550		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	560		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	540		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	450		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	450		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	400		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	470		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.482		10-139		80	SPK: -150
13127-88-3	Phenol-d6	115.21		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	87.787		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	83.924		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MS	SDG No.:	BF061824
Lab Sample ID:	P2915-03MS	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
BF138228.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.694		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	77.617		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	378203	6.892				
1146-65-2	Naphthalene-d8	1500974	8.175				
15067-26-2	Acenaphthene-d10	762957	9.927				
1517-22-2	Phenanthrene-d10	1059376	11.416				
1719-03-5	Chrysene-d12	658904	14.051				
1520-96-3	Perylene-d12	581328	15.521				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF061824
Lab Sample ID:	P2915-03MSD	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
BF138229.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	330		15.5	40	50	ug/L
100-52-7	Benzaldehyde	180		40	80	100	ug/L
62-53-3	Aniline	180		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	460		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	530		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	480		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	460		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		14.8	25	25	ug/L
67-72-1	Hexachloroethane	470		10.1	40	50	ug/L
98-95-3	Nitrobenzene	470		12.7	40	50	ug/L
78-59-1	Isophorone	500		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	620		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	540		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		11	40	50	ug/L
65-85-0	Benzoic acid	490		54.7	80	100	ug/L
91-20-3	Naphthalene	450		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	59		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF061824
Lab Sample ID:	P2915-03MSD	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
BF138229.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	920	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	460		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	470		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	550		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	260		13.7	40	50	ug/L
83-32-9	Acenaphthene	490		8.1	40	50	ug/L
Total PAH	Total PAH	7660		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	710		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	730		20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	500		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	540		15.2	40	50	ug/L
84-66-2	Diethylphthalate	540		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	430		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	400		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	490		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	570		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	570		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	520		11.4	40	50	ug/L
1912-24-9	Atrazine	580		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF061824
Lab Sample ID:	P2915-03MSD	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
BF138229.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	880	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	480		8.9	40	50	ug/L
120-12-7	Anthracene	500		10.7	40	50	ug/L
86-74-8	Carbazole	440		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	610		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	320		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	670		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	380		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	820	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	960	E	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	560		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	540		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	540		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	450		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	450		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	390		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	460		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.225		10-139		78	SPK: -150
13127-88-3	Phenol-d6	113.127		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	88.208		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	84.43		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-NORTH-1MSD	SDG No.:	BF061824
Lab Sample ID:	P2915-03MSD	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
BF138229.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.747		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	77.522		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	376842	6.892				
1146-65-2	Naphthalene-d8	1482222	8.175				
15067-26-2	Acenaphthene-d10	759741	9.928				
1517-22-2	Phenanthrene-d10	1053914	11.41				
1719-03-5	Chrysene-d12	662766	14.051				
1520-96-3	Perylene-d12	577776	15.521				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-04	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
BF138230.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-04	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
BF138230.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-04	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
BF138230.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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	122.327		10-139		82	SPK: -150
13127-88-3	Phenol-d6	113.146		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	88.129		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	83.653		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WC-SOUTH-1	SDG No.:	BF061824
Lab Sample ID:	P2915-04	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
BF138230.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.836		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	77.949		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	359661	6.893				
1146-65-2	Naphthalene-d8	1383351	8.169				
15067-26-2	Acenaphthene-d10	698701	9.922				
1517-22-2	Phenanthrene-d10	973150	11.41				
1719-03-5	Chrysene-d12	653079	14.045				
1520-96-3	Perylene-d12	498078	15.516				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-04	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
BF138231.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-04	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
BF138231.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-04	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
BF138231.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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	117.828		10-139		79	SPK: -150
13127-88-3	Phenol-d6	105.668		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	87.947		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	82.616		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	WCS-TPF	SDG No.:	BF061824
Lab Sample ID:	P2916-04	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
BF138231.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.188		32-145		73	SPK: -150
1718-51-0	Terphenyl-d14	77.774		36-145		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	381307	6.892				
1146-65-2	Naphthalene-d8	1470305	8.169				
15067-26-2	Acenaphthene-d10	744454	9.922				
1517-22-2	Phenanthrene-d10	1032183	11.41				
1719-03-5	Chrysene-d12	652578	14.039				
1520-96-3	Perylene-d12	541425	15.515				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-03	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
BF138232.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-03	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
BF138232.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-03	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
BF138232.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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	118.205		10-139		79	SPK: -150
13127-88-3	Phenol-d6	105.233		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	89.726		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	85.552		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-03	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
BF138232.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.081		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	82.55		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	376765	6.892				
1146-65-2	Naphthalene-d8	1439027	8.169				
15067-26-2	Acenaphthene-d10	727585	9.922				
1517-22-2	Phenanthrene-d10	1017364	11.41				
1719-03-5	Chrysene-d12	644411	14.045				
1520-96-3	Perylene-d12	522438	15.515				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-03	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
BF138233.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-03	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
BF138233.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-03	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
BF138233.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

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	190		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	120.539		10-139		80	SPK: -150
13127-88-3	Phenol-d6	108.124		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	89.445		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	86.006		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	POLE	SDG No.:	BF061824
Lab Sample ID:	P2918-03	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
BF138233.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.624		32-145		73	SPK: -150
1718-51-0	Terphenyl-d14	81.772		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	360979	6.892				
1146-65-2	Naphthalene-d8	1366590	8.169				
15067-26-2	Acenaphthene-d10	700815	9.922				
1517-22-2	Phenanthrene-d10	966545	11.41				
1719-03-5	Chrysene-d12	627454	14.039				
1520-96-3	Perylene-d12	514810	15.515				

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF138234.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.7	U	60.7	190	230	ug/Kg
110-86-1	Pyridine	55.8	U	55.8	90.8	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.7	U	67.7	90.8	120	ug/Kg
108-95-2	Phenol	57.9	U	57.9	90.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.5	U	58.5	90.8	120	ug/Kg
95-57-8	2-Chlorophenol	58.3	U	58.3	90.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.1	U	59.1	90.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.1	U	60.1	90.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.4	U	60.4	90.8	120	ug/Kg
100-51-6	Benzyl Alcohol	58	U	58	190	230	ug/Kg
95-48-7	2-Methylphenol	56.3	U	56.3	90.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.5	U	63.5	90.8	120	ug/Kg
98-86-2	Acetophenone	60.7	U	60.7	90.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.8	U	55.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	55.9	55.9	ug/Kg
67-72-1	Hexachloroethane	58	U	58	90.8	120	ug/Kg
98-95-3	Nitrobenzene	63.4	U	63.4	90.8	120	ug/Kg
78-59-1	Isophorone	59.1	U	59.1	90.8	120	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.1	U	65.1	90.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	60	90.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.8	U	52.8	90.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.7	U	59.7	90.8	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.7	U	57.7	90.8	120	ug/Kg
106-47-8	4-Chloroaniline	57.7	U	57.7	90.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.2	U	58.2	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF138234.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.7	U	60.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.2	U	54.2	90.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.6	U	57.6	90.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.9	U	49.9	90.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.7	U	51.7	90.8	120	ug/Kg
92-52-4	1,1-Biphenyl	61.1	U	61.1	90.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.2	U	58.2	90.8	120	ug/Kg
88-74-4	2-Nitroaniline	66.4	U	66.4	90.8	120	ug/Kg
131-11-3	Dimethylphthalate	57.1	U	57.1	90.8	120	ug/Kg
208-96-8	Acenaphthylene	60.4	U	60.4	90.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.1	U	58.1	90.8	120	ug/Kg
99-09-2	3-Nitroaniline	62.3	U	62.3	90.8	120	ug/Kg
83-32-9	Acenaphthene	56.7	U	56.7	90.8	120	ug/Kg
Total PAH	Total PAH	1060.7	U	926	90.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.1	U	81.1	190	230	ug/Kg
132-64-9	Dibenzofuran	59	U	59	90.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.3	U	118.3	90.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.2	U	60.2	90.8	120	ug/Kg
84-66-2	Diethylphthalate	56	U	56	90.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.8	U	59.8	90.8	120	ug/Kg
86-73-7	Fluorene	59.7	U	59.7	90.8	120	ug/Kg
100-01-6	4-Nitroaniline	74.8	U	74.8	90.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.8	U	81.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57	U	57	90.8	120	ug/Kg
103-33-3	Azobenzene	55.6	U	55.6	90.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.1	U	55.1	90.8	120	ug/Kg
118-74-1	Hexachlorobenzene	59.4	U	59.4	90.8	120	ug/Kg
1912-24-9	Atrazine	63.9	U	63.9	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF138234.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54	U	54	190	230	ug/Kg
85-01-8	Phenanthrene	160		58.7	90.8	120	ug/Kg
120-12-7	Anthracene	59	U	59	90.8	120	ug/Kg
86-74-8	Carbazole	56.1	U	56.1	90.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.9	U	58.9	90.8	120	ug/Kg
206-44-0	Fluoranthene	180		57.1	90.8	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	150		58	90.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.6	U	67.6	90.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.9	U	68.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	56.4	90.8	120	ug/Kg
218-01-9	Chrysene	110	J	55.6	90.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.6	U	63.6	90.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.9	U	76.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	130		56.7	90.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	J	57.7	90.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	65	90.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.6	U	54.6	90.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.7	U	56.7	90.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.8	J	56	90.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	90.8	120	ug/Kg
123-91-1	1,4-Dioxane	76.9	U	76.9	90.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.2	U	52.2	90.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.1	U	58.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.099		18-112		59	SPK: -150
13127-88-3	Phenol-d6	85.675		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	61.649		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	60.184		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	ROAD	SDG No.:	BF061824
Lab Sample ID:	P2917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF138234.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.363		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	48.781		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	414186	6.892				
1146-65-2	Naphthalene-d8	1567476	8.175				
15067-26-2	Acenaphthene-d10	761486	9.922				
1517-22-2	Phenanthrene-d10	1020122	11.41				
1719-03-5	Chrysene-d12	716573	14.045				
1520-96-3	Perylene-d12	588529	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.216	
004254-14-2	R-(-)-1,2-propanediol	220	J			3.463	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	94.6	A			5.122	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	120	J			6.716	
000770-35-4	1-Phenoxypropan-2-ol	110	J			8.48	
	unknown10.027	1500	J			10.027	
000057-10-3	n-Hexadecanoic acid	110	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	48.9	J			12.015	
018435-45-5	1-Nonadecene	63.8	J			13.898	
000791-28-6	Triphenylphosphine oxide	64.5	J			14.139	
000112-84-5	13-Docosenamide, (Z)-	65.9	J			14.804	
000192-97-2	Benzo[e]pyrene	77.1	J			15.386	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	HD-01-06132024	SDG No.:	BF061824
Lab Sample ID:	P2887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF138235.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	HD-01-06132024	SDG No.:	BF061824
Lab Sample ID:	P2887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF138235.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

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

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	HD-01-06132024	SDG No.:	BF061824
Lab Sample ID:	P2887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF138235.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.9	U	48.9	170	210	ug/Kg
85-01-8	Phenanthrene	53.2	U	53.2	82.3	110	ug/Kg
120-12-7	Anthracene	53.4	U	53.4	82.3	110	ug/Kg
86-74-8	Carbazole	50.8	U	50.8	82.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.4	U	53.4	82.3	110	ug/Kg
206-44-0	Fluoranthene	51.7	U	51.7	82.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.6	U	52.6	82.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.3	U	61.3	82.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.4	U	62.4	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.1	U	51.1	82.3	110	ug/Kg
218-01-9	Chrysene	50.3	U	50.3	82.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.6	U	57.6	82.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.7	U	69.7	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.4	U	51.4	82.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.3	U	52.3	82.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.9	U	58.9	82.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.5	U	49.5	82.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.4	U	51.4	82.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.7	U	50.7	82.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	82.3	110	ug/Kg
123-91-1	1,4-Dioxane	69.7	U	69.7	82.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.3	U	47.3	82.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.7	U	52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.432		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.384		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	54.398		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	60.729		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	HD-01-06132024	SDG No.:	BF061824
Lab Sample ID:	P2887-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
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
BF138235.D	1	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.834		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	49.697		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	366135	6.892				
1146-65-2	Naphthalene-d8	1351168	8.169				
15067-26-2	Acenaphthene-d10	639181	9.922				
1517-22-2	Phenanthrene-d10	868707	11.41				
1719-03-5	Chrysene-d12	650559	14.045				
1520-96-3	Perylene-d12	527847	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.21	
000067-63-0	Isopropyl Alcohol	80.6	J			3.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	81	A			5.116	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	75.4	J			6.716	
000770-35-4	1-Phenoxypropan-2-ol	84.8	J			8.481	
	unknown10.022	240	J			10.022	
000057-10-3	n-Hexadecanoic acid	71.8	J			11.933	
000057-11-4	Octadecanoic acid	53.6	J			12.716	
000638-67-5	Tricosane	46.2	J			13.221	
000629-94-7	Heneicosane	45.2	J			13.563	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	110	J			13.892	
000791-28-6	Triphenylphosphine oxide	65.4	J			14.139	
000629-78-7	Heptadecane	73	J			14.21	
000630-02-4	Octacosane	58.3	J			14.515	
000646-31-1	Tetracosane	69.7	J			14.827	
000593-45-3	Octadecane	92.4	J			15.168	
000630-04-6	Hentriacontane	69	J			16.004	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	OR-03-06132024	SDG No.:	BF061824
Lab Sample ID:	P2880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
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
BF138236.D	2	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.4	U	52.4	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	98.2	U	98.2	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	OR-03-06132024	SDG No.:	BF061824
Lab Sample ID:	P2880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
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
BF138236.D	2	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.9	U	92.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	96.3	U	96.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	130	J	110	170	220	ug/Kg
Total PAH	Total PAH	11730		1730	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	190	J	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg



Client:				Date Collected:	6/14/2024 12:00:00 AM	
Project:				Date Received:	6/14/2024 12:00:00 AM	
Client Sample ID:	OR-03-06132024			SDG No.:	BF061824	
Lab Sample ID:	P2880-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	7.9	
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
BF138236.D	2	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	1300		110	170	220	ug/Kg
120-12-7	Anthracene	380		110	170	220	ug/Kg
86-74-8	Carbazole	120	J	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	2100		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	1700		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	970		100	170	220	ug/Kg
218-01-9	Chrysene	920		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	480		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	1100		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	600		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.2	U	97.2	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.746		18-112		46	SPK: -150
13127-88-3	Phenol-d6	64.736		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	46.776		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	55.116		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	OR-03-06132024	SDG No.:	BF061824
Lab Sample ID:	P2880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
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
BF138236.D	2	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.694		10-110		37	SPK: -150
1718-51-0	Terphenyl-d14	46.498		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	371641	6.892				
1146-65-2	Naphthalene-d8	1319905	8.175				
15067-26-2	Acenaphthene-d10	590531	9.922				
1517-22-2	Phenanthrene-d10	833785	11.41				
1719-03-5	Chrysene-d12	626624	14.045				
1520-96-3	Perylene-d12	517849	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	980	J			2.175	
000581-40-8	Naphthalene, 2,3-dimethyl-	94.1	J			9.58	
000132-65-0	Dibenzothiophene	120	J			11.304	
000613-12-7	Anthracene, 2-methyl-	220	J			11.91	
000832-69-9	Phenanthrene, 1-methyl-	330	J			11.939	
000610-48-0	Anthracene, 1-methyl-	120	J			11.986	
000203-64-5	4H-Cyclopenta[def]phenanthrene	500	J			12.022	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	160	J			12.045	
000612-94-2	Naphthalene, 2-phenyl-	140	J			12.204	
000781-43-1	9,10-Dimethylantracene	230	J			12.457	
	unknown	12.498	J			12.498	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			12.545	
002381-21-7	Pyrene, 1-methyl-	130	J			13.063	
000243-17-4	11H-Benzo[b]fluorene	150	J			13.174	
000238-84-6	11H-Benzo[a]fluorene	140	J			13.245	
003353-12-6	Pyrene, 4-methyl-	120	J			13.28	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	99.7	J			13.792	
000192-97-2	Benzo[c]pyrene	200	J			15.192	
000198-55-0	Perylene	640	J			15.392	

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	OR-03-06132024	SDG No.:	BF061824
Lab Sample ID:	P2880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.9
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
BF138236.D	2	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	CL-02-061424	SDG No.:	BF061824
Lab Sample ID:	P2885-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
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
BF138237.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	550	U	550	1700	2100	ug/Kg
110-86-1	Pyridine	500	U	500	820	1100	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2100	ug/Kg
62-53-3	Aniline	610	U	610	820	1100	ug/Kg
108-95-2	Phenol	520	U	520	820	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	820	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	820	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	530	U	530	820	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	540	U	540	820	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	540	U	540	820	1100	ug/Kg
100-51-6	Benzyl Alcohol	520	U	520	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	820	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570	U	570	820	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	820	1100	ug/Kg
65794-96-9	3+4-Methylphenols	500	U	500	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	500	500	ug/Kg
67-72-1	Hexachloroethane	520	U	520	820	1100	ug/Kg
98-95-3	Nitrobenzene	570	U	570	820	1100	ug/Kg
78-59-1	Isophorone	530	U	530	820	1100	ug/Kg
88-75-5	2-Nitrophenol	590	U	590	820	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	820	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	540	U	540	820	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	820	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	820	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	520	U	520	820	1100	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	820	1100	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	CL-02-061424	SDG No.:	BF061824
Lab Sample ID:	P2885-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
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
BF138237.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550	U	550	1700	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	490	U	490	820	1100	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	820	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	820	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	820	1100	ug/Kg
92-52-4	1,1-Biphenyl	550	U	550	820	1100	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	820	1100	ug/Kg
88-74-4	2-Nitroaniline	600	U	600	820	1100	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	820	1100	ug/Kg
208-96-8	Acenaphthylene	540	U	540	820	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	820	1100	ug/Kg
99-09-2	3-Nitroaniline	560	U	560	820	1100	ug/Kg
83-32-9	Acenaphthene	510	U	510	820	1100	ug/Kg
Total PAH	Total PAH	8320	U	8320	820	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	730	U	730	1700	2100	ug/Kg
132-64-9	Dibenzofuran	530	U	530	820	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1060	U	1060	820	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	820	1100	ug/Kg
84-66-2	Diethylphthalate	500	U	500	820	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	820	1100	ug/Kg
86-73-7	Fluorene	540	U	540	820	1100	ug/Kg
100-01-6	4-Nitroaniline	670	U	670	820	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	U	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	820	1100	ug/Kg
103-33-3	Azobenzene	500	U	500	820	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	820	1100	ug/Kg
118-74-1	Hexachlorobenzene	530	U	530	820	1100	ug/Kg
1912-24-9	Atrazine	570	U	570	820	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	CL-02-061424	SDG No.:	BF061824
Lab Sample ID:	P2885-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
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
BF138237.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	490	U	490	1700	2100	ug/Kg
85-01-8	Phenanthrene	530	U	530	820	1100	ug/Kg
120-12-7	Anthracene	530	U	530	820	1100	ug/Kg
86-74-8	Carbazole	510	U	510	820	1100	ug/Kg
84-74-2	Di-n-butylphthalate	530	U	530	820	1100	ug/Kg
206-44-0	Fluoranthene	510	U	510	820	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	520	U	520	820	1100	ug/Kg
85-68-7	Butylbenzylphthalate	610	U	610	820	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	620	U	620	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	510	U	510	820	1100	ug/Kg
218-01-9	Chrysene	500	U	500	820	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570	U	570	820	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	690	U	690	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	600	J	510	820	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	520	U	520	820	1100	ug/Kg
50-32-8	Benzo(a)pyrene	580	U	580	820	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	490	U	490	820	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	510	U	510	820	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	500	U	500	820	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	820	1100	ug/Kg
123-91-1	1,4-Dioxane	690	U	690	820	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	470	U	470	820	1100	ug/Kg
90-12-0	1-Methylnaphthalene	520	U	520	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.55		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	47.58		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	64.41		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	6/14/2024 12:00:00 AM
Project:		Date Received:	6/14/2024 12:00:00 AM
Client Sample ID:	CL-02-061424	SDG No.:	BF061824
Lab Sample ID:	P2885-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.7
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
BF138237.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.3		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	58.59		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	352989	6.892				
1146-65-2	Naphthalene-d8	1251416	8.175				
15067-26-2	Acenaphthene-d10	562485	9.927				
1517-22-2	Phenanthrene-d10	817691	11.41				
1719-03-5	Chrysene-d12	537275	14.045				
1520-96-3	Perylene-d12	453643	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.163	
	unknown10.022	1300	J			10.022	
000791-28-6	Triphenylphosphine oxide	570	J			14.139	

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	OILY-GRAVEL	SDG No.:	BF061824
Lab Sample ID:	P2926-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138238.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	520	U	520	1600	2000	ug/Kg
110-86-1	Pyridine	480	U	480	780	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1600	2000	ug/Kg
62-53-3	Aniline	580	U	580	780	1000	ug/Kg
108-95-2	Phenol	500	U	500	780	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	500	U	500	780	1000	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	780	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	510	U	510	780	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	520	U	520	780	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	520	U	520	780	1000	ug/Kg
100-51-6	Benzyl Alcohol	500	U	500	1600	2000	ug/Kg
95-48-7	2-Methylphenol	480	U	480	780	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	540	U	540	780	1000	ug/Kg
98-86-2	Acetophenone	520	U	520	780	1000	ug/Kg
65794-96-9	3+4-Methylphenols	480	U	480	1600	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	240	U	240	480	480	ug/Kg
67-72-1	Hexachloroethane	500	U	500	780	1000	ug/Kg
98-95-3	Nitrobenzene	540	U	540	780	1000	ug/Kg
78-59-1	Isophorone	510	U	510	780	1000	ug/Kg
88-75-5	2-Nitrophenol	570	U	570	780	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	560	U	560	780	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	510	U	510	780	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	780	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	510	U	510	780	1000	ug/Kg
65-85-0	Benzoic acid	1400	U	1400	1600	2000	ug/Kg
91-20-3	Naphthalene	490	U	490	780	1000	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	780	1000	ug/Kg
87-68-3	Hexachlorobutadiene	500	U	500	780	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	OILY-GRAVEL	SDG No.:	BF061824
Lab Sample ID:	P2926-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138238.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	520	U	520	1600	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	780	1000	ug/Kg
91-57-6	2-Methylnaphthalene	490	U	490	780	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	930	U	930	1600	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	430	U	430	780	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	440	U	440	780	1000	ug/Kg
92-52-4	1,1-Biphenyl	520	U	520	780	1000	ug/Kg
91-58-7	2-Chloronaphthalene	500	U	500	780	1000	ug/Kg
88-74-4	2-Nitroaniline	570	U	570	780	1000	ug/Kg
131-11-3	Dimethylphthalate	490	U	490	780	1000	ug/Kg
208-96-8	Acenaphthylene	520	U	520	780	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	500	U	500	780	1000	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	780	1000	ug/Kg
83-32-9	Acenaphthene	490	U	490	780	1000	ug/Kg
Total PAH	Total PAH	7950	U	7950	780	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1600	2000	ug/Kg
100-02-7	4-Nitrophenol	690	U	690	1600	2000	ug/Kg
132-64-9	Dibenzofuran	510	U	510	780	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1020	U	1020	780	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	520	U	520	780	1000	ug/Kg
84-66-2	Diethylphthalate	480	U	480	780	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	780	1000	ug/Kg
86-73-7	Fluorene	510	U	510	780	1000	ug/Kg
100-01-6	4-Nitroaniline	640	U	640	780	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	700	U	700	1600	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	490	U	490	780	1000	ug/Kg
103-33-3	Azobenzene	480	U	480	780	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	470	U	470	780	1000	ug/Kg
118-74-1	Hexachlorobenzene	510	U	510	780	1000	ug/Kg
1912-24-9	Atrazine	550	U	550	780	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	OILY-GRAVEL	SDG No.:	BF061824
Lab Sample ID:	P2926-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138238.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	460	U	460	1600	2000	ug/Kg
85-01-8	Phenanthrene	500	U	500	780	1000	ug/Kg
120-12-7	Anthracene	510	U	510	780	1000	ug/Kg
86-74-8	Carbazole	480	U	480	780	1000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	780	1000	ug/Kg
206-44-0	Fluoranthene	490	U	490	780	1000	ug/Kg
92-87-5	Benzidine	980	U	980	1600	2000	ug/Kg
129-00-0	Pyrene	500	U	500	780	1000	ug/Kg
85-68-7	Butylbenzylphthalate	580	U	580	780	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	590	U	590	1600	2000	ug/Kg
56-55-3	Benzo(a)anthracene	480	U	480	780	1000	ug/Kg
218-01-9	Chrysene	480	U	480	780	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	780	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	660	U	660	1600	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	U	490	780	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	490	U	490	780	1000	ug/Kg
50-32-8	Benzo(a)pyrene	560	U	560	780	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	U	470	780	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	490	U	490	780	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480	U	480	780	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	520	U	520	780	1000	ug/Kg
123-91-1	1,4-Dioxane	660	U	660	780	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	450	U	450	780	1000	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.25		18-112		85	SPK: -150
13127-88-3	Phenol-d6	117.2		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	82.02		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	111.49	*	20-109		111	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	OILY-GRAVEL	SDG No.:	BF061824
Lab Sample ID:	P2926-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF138238.D	10	6/18/2024 12:00:00 AM	6/18/2024 12:00:00 AM	PB161536

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.63		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	96.18		14-112		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	338525	6.892				
1146-65-2	Naphthalene-d8	1175003	8.175				
15067-26-2	Acenaphthene-d10	497697	9.927				
1517-22-2	Phenanthrene-d10	723092	11.41				
1719-03-5	Chrysene-d12	533028	14.045				
1520-96-3	Perylene-d12	450017	15.521				

Hit Summary Sheet SW-846

SDG No.: BF061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OR-03-06132024								
P2880-01	OR-03-06132024	Solid	11H-Benzo[a]fluorene	*	140.000	J		
P2880-01	OR-03-06132024	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P2880-01	OR-03-06132024	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	160.000	J		
P2880-01	OR-03-06132024	Solid	4H-Cyclopenta[def]phenanthrene	*	500.000	J		
P2880-01	OR-03-06132024	Solid	9,10-Dimethylanthracene	*	230.000	J		
P2880-01	OR-03-06132024	Solid	Anthracene, 1-methyl-	*	120.000	J		
P2880-01	OR-03-06132024	Solid	Anthracene, 2-methyl-	*	220.000	J		
P2880-01	OR-03-06132024	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	99.700	J		
P2880-01	OR-03-06132024	Solid	Benzo[e]pyrene	*	200.000	J		
P2880-01	OR-03-06132024	Solid	Butane, 2-methoxy-2-methyl-	*	980.000	J		
P2880-01	OR-03-06132024	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P2880-01	OR-03-06132024	Solid	Dibenzothiophene	*	120.000	J		
P2880-01	OR-03-06132024	Solid	Naphthalene, 2,3-dimethyl-	*	94.100	J		
P2880-01	OR-03-06132024	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
P2880-01	OR-03-06132024	Solid	Perylene	*	640.000	J		
P2880-01	OR-03-06132024	Solid	Phenanthrene, 1-methyl-	*	330.000	J		
P2880-01	OR-03-06132024	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2880-01	OR-03-06132024	Solid	Pyrene, 4-methyl-	*	120.000	J		
P2880-01	OR-03-06132024	Solid	unknown12.498	*	170.000	J		
Total Tics :				4,693.80				
P2880-01	OR-03-06132024	Solid	Acenaphthene		130.000	J	110	ug/Kg
P2880-01	OR-03-06132024	Solid	Anthracene		380.000		110	ug/Kg
P2880-01	OR-03-06132024	Solid	Benzo(a)anthracene		970.000		100	ug/Kg
P2880-01	OR-03-06132024	Solid	Benzo(a)pyrene		1,100.000		120	ug/Kg
P2880-01	OR-03-06132024	Solid	Benzo(b)fluoranthene		1,200.000		110	ug/Kg
P2880-01	OR-03-06132024	Solid	Benzo(g,h,i)perylene		600.000		100	ug/Kg
P2880-01	OR-03-06132024	Solid	Benzo(k)fluoranthene		480.000		110	ug/Kg
P2880-01	OR-03-06132024	Solid	Carbazole		120.000	J	100	ug/Kg
P2880-01	OR-03-06132024	Solid	Chrysene		920.000		100	ug/Kg
P2880-01	OR-03-06132024	Solid	Dibenzo(a,h)anthracene		150.000	J	110	ug/Kg
P2880-01	OR-03-06132024	Solid	Fluoranthene		2,100.000		110	ug/Kg
P2880-01	OR-03-06132024	Solid	Fluorene		190.000	J	110	ug/Kg
P2880-01	OR-03-06132024	Solid	Indeno(1,2,3-cd)pyrene		510.000		100	ug/Kg
P2880-01	OR-03-06132024	Solid	Phenanthrene		1,300.000		110	ug/Kg
P2880-01	OR-03-06132024	Solid	Pyrene		1,700.000		110	ug/Kg
P2880-01	OR-03-06132024	Solid	Total PAH		11,730.000		1730	ug/Kg
Total Svoc :				23,580.00				

Hit Summary Sheet SW-846

SDG No.: BF061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				28,273.80				
Client ID : CL-02-061424								
P2885-01	CL-02-061424	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P2885-01	CL-02-061424	Solid	Triphenylphosphine oxide	*	570.000	J		
P2885-01	CL-02-061424	Solid	unknown10.022	*	1,300.000	J		
Total Tics :				3,270.00				
P2885-01	CL-02-061424	Solid	Benzo(b)fluoranthene		600.000	J 510	1100	ug/Kg
Total Svoc :				600.00				
Total Concentration:				3,870.00				
Client ID : HD-01-06132024								
P2887-01	HD-01-06132024	Solid	1-Phenoxypropan-2-ol	*	84.800	J		
P2887-01	HD-01-06132024	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	81.000	A		
P2887-01	HD-01-06132024	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2887-01	HD-01-06132024	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	75.400	J		
P2887-01	HD-01-06132024	Solid	Heneicosane	*	45.200	J		
P2887-01	HD-01-06132024	Solid	Hentriacontane	*	69.000	J		
P2887-01	HD-01-06132024	Solid	Heptadecane	*	73.000	J		
P2887-01	HD-01-06132024	Solid	Heptadecane, 2,6,10,15-tetramethy	*	110.000	J		
P2887-01	HD-01-06132024	Solid	Isopropyl Alcohol	*	80.600	J		
P2887-01	HD-01-06132024	Solid	n-Hexadecanoic acid	*	71.800	J		
P2887-01	HD-01-06132024	Solid	Octacosane	*	58.300	J		
P2887-01	HD-01-06132024	Solid	Octadecane	*	92.400	J		
P2887-01	HD-01-06132024	Solid	Octadecanoic acid	*	53.600	J		
P2887-01	HD-01-06132024	Solid	Tetracosane	*	69.700	J		
P2887-01	HD-01-06132024	Solid	Tricosane	*	46.200	J		
P2887-01	HD-01-06132024	Solid	Triphenylphosphine oxide	*	65.400	J		
P2887-01	HD-01-06132024	Solid	unknown10.022	*	240.000	J		
Total Tics :				2,416.40				
Total Concentration:				2,416.40				
Client ID : WCS-TPF								
P2916-01	WCS-TPF	Solid	1-Heptadecene	*	160.000	J		
P2916-01	WCS-TPF	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2916-01	WCS-TPF	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	95.700	A		
P2916-01	WCS-TPF	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P2916-01	WCS-TPF	Solid	Dotriacontane, 1-iodo-	*	66.200	J		
P2916-01	WCS-TPF	Solid	Eicosane, 2-methyl-	*	54.200	J		
P2916-01	WCS-TPF	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	90.600	J		
P2916-01	WCS-TPF	Solid	Heneicosane	*	130.000	J		
P2916-01	WCS-TPF	Solid	Heptadecane	*	56.000	J		

Hit Summary Sheet SW-846

SDG No.: BF061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2916-01	WCS-TPF	Solid	Hexacosane	*	70.000	J		
P2916-01	WCS-TPF	Solid	Isopropyl Alcohol	*	180.000	J		
P2916-01	WCS-TPF	Solid	n-Hexadecanoic acid	*	81.900	J		
P2916-01	WCS-TPF	Solid	Octacosane	*	56.500	J		
P2916-01	WCS-TPF	Solid	Octacosane, 2-methyl-	*	120.000	J		
P2916-01	WCS-TPF	Solid	Octadecane	*	89.000	J		
P2916-01	WCS-TPF	Solid	Tetracosane	*	120.000	J		
P2916-01	WCS-TPF	Solid	Triphenylphosphine oxide	*	58.200	J		
P2916-01	WCS-TPF	Solid	unknown10.022	*	240.000	J		

Total Tics : 2,778.30

Total Concentration: 2,778.30

Client ID : ROAD

P2917-01	ROAD	Solid	1-Nonadecene	*	63.800	J		
P2917-01	ROAD	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2917-01	ROAD	Solid	13-Docosenamide, (Z)-	*	65.900	J		
P2917-01	ROAD	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	94.600	A		
P2917-01	ROAD	Solid	4H-Cyclopenta[def]phenanthrene	*	48.900	J		
P2917-01	ROAD	Solid	Benzo[e]pyrene	*	77.100	J		
P2917-01	ROAD	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2917-01	ROAD	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	120.000	J		
P2917-01	ROAD	Solid	n-Hexadecanoic acid	*	110.000	J		
P2917-01	ROAD	Solid	R-(-)-1,2-propanediol	*	220.000	J		
P2917-01	ROAD	Solid	Triphenylphosphine oxide	*	64.500	J		
P2917-01	ROAD	Solid	unknown10.027	*	1,500.000	J		

Total Tics : 3,574.80

P2917-01	ROAD	Solid	Benzo(a)anthracene		100.000	J	56.4	120	ug/Kg
P2917-01	ROAD	Solid	Benzo(a)pyrene		110.000	J	65	120	ug/Kg
P2917-01	ROAD	Solid	Benzo(b)fluoranthene		130.000		56.7	120	ug/Kg
P2917-01	ROAD	Solid	Benzo(g,h,i)perylene		62.800	J	56	120	ug/Kg
P2917-01	ROAD	Solid	Benzo(k)fluoranthene		57.900	J	57.7	120	ug/Kg
P2917-01	ROAD	Solid	Chrysene		110.000	J	55.6	120	ug/Kg
P2917-01	ROAD	Solid	Fluoranthene		180.000		57.1	120	ug/Kg
P2917-01	ROAD	Solid	Phenanthrene		160.000		58.7	120	ug/Kg
P2917-01	ROAD	Solid	Pyrene		150.000		58	120	ug/Kg

Total Svoc : 1,060.70

Total Concentration: 4,635.50

Client ID : POLE

P2918-01	POLE	Solid	1-Heneicosanol	*	87.200	J		
P2918-01	POLE	Solid	1-Phenoxypropan-2-ol	*	70.700	J		

Hit Summary Sheet SW-846

SDG No.: BF061824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2918-01	POLE	Solid	13-Docosenamide, (Z)-	*	55.100	J		
P2918-01	POLE	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P2918-01	POLE	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2918-01	POLE	Solid	n-Hexadecanoic acid	*	72.600	J		
P2918-01	POLE	Solid	Nonadecane	*	49.000	J		
P2918-01	POLE	Solid	Propylene Glycol	*	92.400	J		
P2918-01	POLE	Solid	unknown10.022	*	250.000	J		
Total Tics :					2,107.00			
Total Concentration:					2,107.00			

Client ID : POLE

P2918-03	POLE	water	Benzidine	190.000	40.7		100	ug/L
Total Svoc :					190.00			
Total Concentration:					190.00			

Client ID : DAMAGED-CONC

P2924-03	DAMAGED-CONC	Solid	1,1-Biphenyl	170.000	52.4		100	ug/Kg
P2924-03	DAMAGED-CONC	Solid	1-Methylnaphthalene	67.100	J	49.9	100	ug/Kg
P2924-03	DAMAGED-CONC	Solid	2-Methylnaphthalene	69.500	J	49.4	100	ug/Kg
P2924-03	DAMAGED-CONC	Solid	Benzo(b)fluoranthene	62.900	J	48.6	100	ug/Kg
P2924-03	DAMAGED-CONC	Solid	Naphthalene	290.000	49.5		100	ug/Kg
Total Svoc :					659.50			
Total Concentration:					659.50			



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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



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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.

Form VI SV-1



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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



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 12:23

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	PB161536BL	406370	6.89	1.5904e+	8.17	885183	9.93
02	PB161536BS	427195	6.89	1.74482e	8.18	964312	9.93
03	CLEAN-CONC	352708	6.89	1.34863e	8.18	684699	9.93
04	DAMAGED-CONC	292730	6.89	990558	8.18	316383 *	10.00
05	POLE	374783	6.89	1.45601e	8.18	735691	9.93
06	POLEMS	369496	6.89	1.45834e	8.18	744683	9.93
07	POLEMSD	377886	6.89	1.49842e	8.18	764231	9.93
08	WCS-TPF	391052	6.89	1.48611e	8.18	745136	9.93
09	WC-NORTH-1	372575	6.89	1.41746e	8.17	719005	9.92
10	WC-NORTH-1MS	378203	6.89	1.50097e	8.18	762957	9.93
11	WC-NORTH-1MSD	376842	6.89	1.48222e	8.18	759741	9.93
12	WC-SOUTH-1	359661	6.89	1.38335e	8.17	698701	9.92
13	WCS-TPF	381307	6.89	1.47031e	8.17	744454	9.92
14	ROAD	376765	6.89	1.43903e	8.17	727585	9.92
15	POLE	360979	6.89	1.36659e	8.17	700815	9.92
16	ROAD	414186	6.89	1.56748e	8.18	761486	9.92
17	HD-01-06132024	366135	6.89	1.35117e	8.17	639181	9.92
18	OR-03-06132024	371641	6.89	1.31991e	8.18	590531	9.92
19	CL-02-061424	352989	6.89	1.25142e	8.18	562485	9.93
20	OILY-GRAVEL	338525	6.89	1.175e+0	8.18	497697	9.93



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 21:58

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.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDCCC040

Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138218.D

Time Analyzed: 12:23

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	356986	6.892	1.36323e+01	8.18	724085	9.93
	UPPER LIMIT	713972	7.392	2726460	8.675	1448170	10.427
	LOWER LIMIT	178493	6.392	681615	7.675	362042.5	9.427
	EPA SAMPLE NO.						
01	PB161536BL	406370	6.89	1.5904e+	8.17	885183	9.93
02	PB161536BS	427195	6.89	1.74482e	8.18	964312	9.93
03	CLEAN-CONC	352708	6.89	1.34863e	8.18	684699	9.93
04	DAMAGED-CONC	292730	6.89	990558	8.18	316383 *	10.00
05	POLE	374783	6.89	1.45601e	8.18	735691	9.93
06	POLEMS	369496	6.89	1.45834e	8.18	744683	9.93
07	POLEMSD	377886	6.89	1.49842e	8.18	764231	9.93
08	WCS-TPF	391052	6.89	1.48611e	8.18	745136	9.93
09	WC-NORTH-1	372575	6.89	1.41746e	8.17	719005	9.92
10	WC-NORTH-1MS	378203	6.89	1.50097e	8.18	762957	9.93
11	WC-NORTH-1MSD	376842	6.89	1.48222e	8.18	759741	9.93
12	WC-SOUTH-1	359661	6.89	1.38335e	8.17	698701	9.92
13	WCS-TPF	381307	6.89	1.47031e	8.17	744454	9.92
14	ROAD	376765	6.89	1.43903e	8.17	727585	9.92
15	POLE	360979	6.89	1.36659e	8.17	700815	9.92
16	ROAD	414186	6.89	1.56748e	8.18	761486	9.92
17	HD-01-06132024	366135	6.89	1.35117e	8.17	639181	9.92
18	OR-03-06132024	371641	6.89	1.31991e	8.18	590531	9.92
19	CL-02-061424	352989	6.89	1.25142e	8.18	562485	9.93
20	OILY-GRAVEL	338525	6.89	1.175e+0	8.18	497697	9.93



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138218.D Time Analyzed: 21:58

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	356986	6.892	1.36323e+01	8.18	724085	9.93
UPPER LIMIT	713972	7.392	2726460	8.675	1448170	10.427
LOWER LIMIT	178493	6.392	681615	7.675	362042.5	9.427
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.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 12:23

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+0	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	PB161536BL	1.62275	11.41	1.21737e+	14.05	1.15463e+	15.52
02	PB161536BS	1.70293	11.42	1.06364e+	14.05	849049	15.52
03	CLEAN-CONC	913927	11.41	643454	14.05	560719	15.52
04	DAMAGED-CONC	111639 *	11.57	422310	14.12	294812 *	15.53
05	POLE	1.01617	11.41	693357	14.05	593398	15.52
06	POLEMS	1.02335	11.42	660691	14.05	603710	15.52
07	POLEMSD	1.06804	11.41	651344	14.05	576233	15.52
08	WCS-TPF	1.02685	11.41	712190	14.05	601107	15.52
09	WC-NORTH-1	993992	11.41	647795	14.05	537023	15.52
10	WC-NORTH-1MS	1.05938	11.42	658904	14.05	581328	15.52
11	WC-NORTH-1MSD	1.05391	11.41	662766	14.05	577776	15.52
12	WC-SOUTH-1	973150	11.41	653079	14.05	498078	15.52
13	WCS-TPF	1.03218	11.41	652578	14.04	541425	15.52
14	ROAD	1.01736	11.41	644411	14.05	522438	15.52
15	POLE	966545	11.41	627454	14.04	514810	15.52
16	ROAD	1.02012	11.41	716573	14.05	588529	15.52
17	HD-01-06132024	868707	11.41	650559	14.05	527847	15.52
18	OR-03-06132024	833785	11.41	626624	14.05	517849	15.52
19	CL-02-061424	817691	11.41	537275	14.05	453643	15.52
20	OILY-GRAVEL	723092	11.41	533028	14.05	450017	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 21:58

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+0	11.416	674197	14.051	644245	15.521
UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138218.D Time Analyzed: 12:23

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	1.26424e+0	11.416	774663	14.051	649922	15.521
	UPPER LIMIT	2528480	11.916	1549326	14.551	1299844	16.021
	LOWER LIMIT	632120	10.916	387331.5	13.551	324961	15.021
	EPA SAMPLE NO.						
01	PB161536BL	1.62275	11.41	1.21737e+	14.05	1.15463e+	15.52
02	PB161536BS	1.70293	11.42	1.06364e+	14.05	849049	15.52
03	CLEAN-CONC	913927	11.41	643454	14.05	560719	15.52
04	DAMAGED-CONC	111639 *	11.57	422310	14.12	294812 *	15.53
05	POLE	1.01617	11.41	693357	14.05	593398	15.52
06	POLEMS	1.02335	11.42	660691	14.05	603710	15.52
07	POLEMSD	1.06804	11.41	651344	14.05	576233	15.52
08	WCS-TPF	1.02685	11.41	712190	14.05	601107	15.52
09	WC-NORTH-1	993992	11.41	647795	14.05	537023	15.52
10	WC-NORTH-1MS	1.05938	11.42	658904	14.05	581328	15.52
11	WC-NORTH-1MSD	1.05391	11.41	662766	14.05	577776	15.52
12	WC-SOUTH-1	973150	11.41	653079	14.05	498078	15.52
13	WCS-TPF	1.03218	11.41	652578	14.04	541425	15.52
14	ROAD	1.01736	11.41	644411	14.05	522438	15.52
15	POLE	966545	11.41	627454	14.04	514810	15.52
16	ROAD	1.02012	11.41	716573	14.05	588529	15.52
17	HD-01-06132024	868707	11.41	650559	14.05	527847	15.52
18	OR-03-06132024	833785	11.41	626624	14.05	517849	15.52
19	CL-02-061424	817691	11.41	537275	14.05	453643	15.52
20	OILY-GRAVEL	723092	11.41	533028	14.05	450017	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061824 SAS No.: BF061824 SDG NO.: BF061824

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 18 2024 12:00AM

Lab File ID: BF138218.D Time Analyzed: 21:58

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	1.26424e+0	11.416	774663	14.051	649922	15.521
UPPER LIMIT	2528480	11.916	1549326	14.551	1299844	16.021
LOWER LIMIT	632120	10.916	387331.5	13.551	324961	15.021
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF061824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161536BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	1100	ug/Kg	65				10	147	
	Aniline	1700	870	ug/Kg	51				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1300	ug/Kg	76				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1200	ug/Kg	71				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3300	ug/Kg	100				45	134	
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	23100	ug/Kg	85				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF061824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161536BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1300	ug/Kg	76				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1300	ug/Kg	76				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				55	99	
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98	
	Atrazine	1700	1600	ug/Kg	94				67	113	
	Pentachlorophenol	3300	2700	ug/Kg	82				67	105	
	Phenanthrene	1700	1300	ug/Kg	76				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	300	ug/Kg	9		*		10	98	
	Pyrene	1700	1300	ug/Kg	76				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112		*		63	111	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112		*		70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1200	ug/Kg	71				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161536BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061824

SAS No.: BF061824 SDG NO.: BF061824

Lab File ID: BF138219.D

Lab Sample ID: PB161536BL

Instrument ID: BNA_F

Date Extracted: 06/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/18/2024

Level: (low/med) LOW

Time Analyzed: 12:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161536BS	PB161536BS	BF138220.D	06/18/2024
CLEAN-CONC	P2924-01	BF138221.D	06/18/2024
DAMAGED-CONC	P2924-03	BF138222.D	06/18/2024
POLE	P2918-01	BF138223.D	06/18/2024
POLEMS	P2918-01MS	BF138224.D	06/18/2024
POLEMSD	P2918-01MSD	BF138225.D	06/18/2024
WCS-TPF	P2916-01	BF138226.D	06/18/2024
ROAD	P2917-01	BF138234.D	06/18/2024
HD-01-06132024	P2887-01	BF138235.D	06/18/2024
OR-03-06132024	P2880-01	BF138236.D	06/18/2024
CL-02-061424	P2885-01	BF138237.D	06/18/2024
OILY-GRAVEL	P2926-01	BF138238.D	06/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-NORTH-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061824

SAS No.: BF061824 SDG NO.: BF061824

Lab File ID: BF138227.D

Lab Sample ID: P2915-03

Instrument ID: BNA_F

Date Extracted: 06/18/2024

Matrix: (soil/water) water

Date Analyzed: 06/18/2024

Level: (low/med) LOW

Time Analyzed: 16:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-NORTH-1	P2915-03	BF138227.D	06/18/2024
WC-NORTH-1MS	P2915-03MS	BF138228.D	06/18/2024
WC-NORTH-1MSD	P2915-03MSD	BF138229.D	06/18/2024
WC-SOUTH-1	P2915-04	BF138230.D	06/18/2024
WCS-TPF	P2916-04	BF138231.D	06/18/2024
ROAD	P2917-03	BF138232.D	06/18/2024
POLE	P2918-03	BF138233.D	06/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2918-01MS		Client Sample ID: POLEMS		DataFile: BF138224.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92				66	124	
Pyridine	1200		960	ug/Kg	80				45	119	
Benzaldehyde	1200		530	ug/Kg	44				26	163	
Aniline	1200		960	ug/Kg	80				10	88	
Phenol	1200		1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				74	116	
2-Chlorophenol	1200		1100	ug/Kg	92				61	138	
1,2-Dichlorobenzene	1200		1000	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1200		1000	ug/Kg	83				62	101	
1,4-Dichlorobenzene	1200		1000	ug/Kg	83				63	104	
Benzyl Alcohol	1200		1200	ug/Kg	100				47	126	
2-Methylphenol	1200		1100	ug/Kg	92				66	122	
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92				52	115	
Acetophenone	1200		950	ug/Kg	79				75	111	
3+4-Methylphenols	1200		1100	ug/Kg	92				53	132	
N-Nitroso-di-n-propylamine	1200		1100	ug/Kg	92				59	119	
Hexachloroethane	1200		1000	ug/Kg	83				65	117	
Nitrobenzene	1200		1000	ug/Kg	83				70	119	
Isophorone	1200		1100	ug/Kg	92				76	122	
2-Nitrophenol	1200		1300	ug/Kg	108				54	145	
2,4-Dimethylphenol	1200		1200	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		1000	ug/Kg	83				72	110	
4-Chloroaniline	1200		460	ug/Kg	38				10	100	
Hexachlorobutadiene	1200		990	ug/Kg	83				66	114	
Caprolactam	1200		1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200		1000	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2400		1800	ug/Kg	75				10	175	
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1000	ug/Kg	83				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				69	127	
Dimethylphthalate	1200		1200	ug/Kg	100				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		1200	ug/Kg	100				70	125	
3-Nitroaniline	1200		840	ug/Kg	70				20	111	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200	0	17010	ug/Kg	89				70	121	
2,4-Dinitrophenol	2400		1400	ug/Kg	58				16	160	
4-Nitrophenol	2400		1700	ug/Kg	71				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2400	ug/Kg	100				55	128	
Diethylphthalate	1200		1200	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		960	ug/Kg	80				68	116	
4-Nitroaniline	1200		880	ug/Kg	73				55	120	
4,6-Dinitro-2-methylphenol	1200		970	ug/Kg	81				32	145	
N-Nitrosodiphenylamine	1200		1300	ug/Kg	108				73	118	
Azobenzene	1200		1100	ug/Kg	92				73	110	
4-Bromophenyl-phenylether	1200		1300	ug/Kg	108				65	121	
Hexachlorobenzene	1200		1100	ug/Kg	92				67	118	
Atrazine	1200		1300	ug/Kg	108				79	127	
Pentachlorophenol	2400		1900	ug/Kg	79				47	128	
Phenanthrene	1200		1100	ug/Kg	92				72	113	
Anthracene	1200		1100	ug/Kg	92				62	124	
Carbazole	1200		1000	ug/Kg	83				59	119	
Di-n-butylphthalate	1200		1400	ug/Kg	117				69	118	
Fluoranthene	1200		1000	ug/Kg	83				59	125	
Benzidine	2400		2900	ug/Kg	121	*			10	119	
Pyrene	1200		940	ug/Kg	78				52	128	
Butylbenzylphthalate	1200		1500	ug/Kg	125				64	126	
3,3-Dichlorobenzidine	1200		1300	ug/Kg	108				10	164	
Benzo(a)anthracene	1200		1100	ug/Kg	92				71	114	
Chrysene	1200		1200	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1200		1800	ug/Kg	150	*			66	127	
Di-n-octyl phthalate	1200		2200	ug/Kg	183	*			71	126	
Benzo(b)fluoranthene	1200	0	1200	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1200		1200	ug/Kg	100				74	114	
Benzo(a)pyrene	1200		1200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1200		980	ug/Kg	82				61	125	
Dibenz(a,h)anthracene	1200		970	ug/Kg	81				67	130	
Benzo(g,h,i)perylene	1200		860	ug/Kg	72				53	140	
1,2,4,5-Tetrachlorobenzene	1200		1000	ug/Kg	83				69	124	
1,4-Dioxane	1200		850	ug/Kg	71				46	112	
2,3,4,6-Tetrachlorophenol	1200		1000	ug/Kg	83				56	133	
1-Methylnaphthalene	1200		970	ug/Kg	81				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2918-01MSD	Client Sample ID:	POLEMSD					DataFile:	BF138225.D		
n-Nitrosodimethylamine	1200		1100	ug/Kg	92		0		66	124	20
Pyridine	1200		1000	ug/Kg	83		4		45	119	20
Benzaldehyde	1200		580	ug/Kg	48		9		26	163	20
Aniline	1200		1100	ug/Kg	92	*	14		10	88	20
Phenol	1200		1300	ug/Kg	108		16		67	126	20
bis(2-Chloroethyl)ether	1200		1200	ug/Kg	100		8		74	116	20
2-Chlorophenol	1200		1300	ug/Kg	108		16		61	138	20
1,2-Dichlorobenzene	1200		1100	ug/Kg	92		10		61	105	20
1,3-Dichlorobenzene	1200		1100	ug/Kg	92		10		62	101	20
1,4-Dichlorobenzene	1200		1100	ug/Kg	92		10		63	104	20
Benzyl Alcohol	1200		1300	ug/Kg	108		8		47	126	20
2-Methylphenol	1200		1200	ug/Kg	100		8		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1200	ug/Kg	100		8		52	115	20
Acetophenone	1200		1000	ug/Kg	83		5		75	111	20
3+4-Methylphenols	1200		1100	ug/Kg	92		0		53	132	20
N-Nitroso-di-n-propylamine	1200		1200	ug/Kg	100		8		59	119	20
Hexachloroethane	1200		1200	ug/Kg	100		19		65	117	20
Nitrobenzene	1200		1100	ug/Kg	92		10		70	119	20
Isophorone	1200		1200	ug/Kg	100		8		76	122	20
2-Nitrophenol	1200		1500	ug/Kg	125		15		54	145	20
2,4-Dimethylphenol	1200		1300	ug/Kg	108		8		83	144	20
bis(2-Chloroethoxy)methane	1200		1200	ug/Kg	100		8		68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100		8		72	118	20
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92		10		57	103	20
Benzoic acid	1200		1200	ug/Kg	100		8		50	104	20
Naphthalene	1200		1100	ug/Kg	92		10		72	110	20
4-Chloroaniline	1200		500	ug/Kg	42		10		10	100	20
Hexachlorobutadiene	1200		1100	ug/Kg	92		10		66	114	20
Caprolactam	1200		1200	ug/Kg	100		8		51	134	20
4-Chloro-3-methylphenol	1200		1200	ug/Kg	100		8		57	132	20
2-Methylnaphthalene	1200		1100	ug/Kg	92		10		59	123	20
Hexachlorocyclopentadiene	2400		2100	ug/Kg	88		16		10	175	20
2,4,6-Trichlorophenol	1200		1300	ug/Kg	108		16		72	117	20
2,4,5-Trichlorophenol	1200		1200	ug/Kg	100		8		72	117	20
1,1-Biphenyl	1200		1100	ug/Kg	92		10		75	113	20
2-Chloronaphthalene	1200		1100	ug/Kg	92		0		67	118	20
2-Nitroaniline	1200		1300	ug/Kg	108		8		69	127	20
Dimethylphthalate	1200		1300	ug/Kg	108		8		70	113	20
Acenaphthylene	1200		1200	ug/Kg	100		8		79	118	20
2,6-Dinitrotoluene	1200		1300	ug/Kg	108		8		70	125	20
3-Nitroaniline	1200		920	ug/Kg	77		10		20	111	20
Acenaphthene	1200		1100	ug/Kg	92		0		70	121	20
Total PAH	19200	0	18560	ug/Kg	97		9		70	121	20
2,4-Dinitrophenol	2400		1600	ug/Kg	67		14		16	160	20
4-Nitrophenol	2400		1900	ug/Kg	79		11		45	133	20
Dibenzofuran	1200		1100	ug/Kg	92		10		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1300	ug/Kg	108		8		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2600	ug/Kg	108		8		55	128	20
Diethylphthalate	1200		1300	ug/Kg	108		8		70	112	20
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92		10		71	108	20
Fluorene	1200		1000	ug/Kg	83		4		68	116	20
4-Nitroaniline	1200		980	ug/Kg	82		12		55	120	20
4,6-Dinitro-2-methylphenol	1200		1100	ug/Kg	92		13		32	145	20
N-Nitrosodiphenylamine	1200		1400	ug/Kg	117		8		73	118	20
Azobenzene	1200		1200	ug/Kg	100		8		73	110	20
4-Bromophenyl-phenylether	1200		1400	ug/Kg	117		8		65	121	20
Hexachlorobenzene	1200		1200	ug/Kg	100		8		67	118	20
Atrazine	1200		1500	ug/Kg	125		15		79	127	20
Pentachlorophenol	2400		2000	ug/Kg	83		5		47	128	20
Phenanthrene	1200		1200	ug/Kg	100		8		72	113	20
Anthracene	1200		1200	ug/Kg	100		8		62	124	20
Carbazole	1200		1100	ug/Kg	92		10		59	119	20
Di-n-butylphthalate	1200		1500	ug/Kg	125	*	7		69	118	20
Fluoranthene	1200		1100	ug/Kg	92		10		59	125	20
Benzydine	2400		3200	ug/Kg	133	*	9		10	119	20
Pyrene	1200		1000	ug/Kg	83		6		52	128	20
Butylbenzylphthalate	1200		1700	ug/Kg	142	*	13		64	126	20
3,3-Dichlorobenzidine	1200		1400	ug/Kg	117		8		10	164	20
Benzo(a)anthracene	1200		1200	ug/Kg	100		8		71	114	20
Chrysene	1200		1300	ug/Kg	108		8		57	121	20
bis(2-Ethylhexyl)phthalate	1200		2000	ug/Kg	167	*	11		66	127	20
Di-n-octyl phthalate	1200		2400	ug/Kg	200	*	9		71	126	20
Benzo(b)fluoranthene	1200	0	1400	ug/Kg	117		16		67	121	20
Benzo(k)fluoranthene	1200		1300	ug/Kg	108		8		74	114	20
Benzo(a)pyrene	1200		1300	ug/Kg	108		8		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1100	ug/Kg	92		11		61	125	20
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92		13		67	130	20
Benzo(g,h,i)perylene	1200		960	ug/Kg	80		11		53	140	20
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92		10		69	124	20
1,4-Dioxane	1200		920	ug/Kg	77		8		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92		10		56	133	20
1-Methylnaphthalene	1200		1100	ug/Kg	92		13		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2915-03MS		Client Sample ID: WC-NORTH-1MS		DataFile: BF138228.D							
n-Nitrosodimethylamine	500		480	ug/L	96				10	130	
Pyridine	500		330	ug/L	66				10	109	
Benzaldehyde	500		170	ug/L	34				10	137	
Aniline	500		180	ug/L	36				10	130	
Phenol	500		460	ug/L	92				10	130	
bis(2-Chloroethyl)ether	500		500	ug/L	100				29	141	
2-Chlorophenol	500		520	ug/L	104				23	127	
1,2-Dichlorobenzene	500		460	ug/L	92				61	114	
1,3-Dichlorobenzene	500		450	ug/L	90				65	106	
1,4-Dichlorobenzene	500		450	ug/L	90				55	125	
Benzyl Alcohol	500		540	ug/L	108	*			31	94	
2-Methylphenol	500		500	ug/L	100				23	132	
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96				36	141	
Acetophenone	500		430	ug/L	86				31	164	
3+4-Methylphenols	500		460	ug/L	92				17	136	
N-Nitroso-di-n-propylamine	500		510	ug/L	102				36	147	
Hexachloroethane	500		470	ug/L	94				35	137	
Nitrobenzene	500		470	ug/L	94				40	134	
Isophorone	500		500	ug/L	100				39	146	
2-Nitrophenol	500		610	ug/L	122				30	148	
2,4-Dimethylphenol	500		530	ug/L	106				17	143	
bis(2-Chloroethoxy)methane	500		500	ug/L	100				39	143	
2,4-Dichlorophenol	500		490	ug/L	98				22	146	
1,2,4-Trichlorobenzene	500		460	ug/L	92				66	110	
Benzoic acid	500		460	ug/L	92				10	101	
Naphthalene	500		450	ug/L	90				17	157	
4-Chloroaniline	500		62.4	ug/L	12				10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500		440	ug/L	88				10	130	
4-Chloro-3-methylphenol	500		490	ug/L	98				17	148	
2-Methylnaphthalene	500		460	ug/L	92				38	146	
Hexachlorocyclopentadiene	1000		910	ug/L	91				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				46	139	
2,4,5-Trichlorophenol	500		480	ug/L	96				42	129	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		480	ug/L	96				41	145	
2-Nitroaniline	500		550	ug/L	110				39	151	
Dimethylphthalate	500		540	ug/L	108				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		550	ug/L	110				43	148	
3-Nitroaniline	500		270	ug/L	54				10	111	
Acenaphthene	500		480	ug/L	96				37	146	
Total PAH	8000		7650	ug/L	96				37	146	
2,4-Dinitrophenol	1000		680	ug/L	68				14	167	
4-Nitrophenol	1000		720	ug/L	72				10	130	
Dibenzofuran	500		460	ug/L	92				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

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	1000		1080	ug/L	108				40	151	
2,4-Dinitrotoluene	500		530	ug/L	106				40	151	
Diethylphthalate	500		530	ug/L	106				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500		430	ug/L	86				39	144	
4-Nitroaniline	500		400	ug/L	80				27	138	
4,6-Dinitro-2-methylphenol	500		470	ug/L	94				32	175	
N-Nitrosodiphenylamine	500		570	ug/L	114				40	150	
Azobenzene	500		470	ug/L	94				72	112	
4-Bromophenyl-phenylether	500		570	ug/L	114				42	151	
Hexachlorobenzene	500		510	ug/L	102				60	129	
Atrazine	500		570	ug/L	114				20	162	
Pentachlorophenol	1000		880	ug/L	88				15	137	
Phenanthrene	500		480	ug/L	96				40	147	
Anthracene	500		490	ug/L	98				41	146	
Carbazole	500		440	ug/L	88				37	154	
Di-n-butylphthalate	500		610	ug/L	122				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000		250	ug/L	25				10	130	
Pyrene	500		420	ug/L	84				41	149	
Butylbenzylphthalate	500		690	ug/L	138				39	155	
3,3-Dichlorobenzidine	500		420	ug/L	84				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		510	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	500		820	ug/L	164	*			33	160	
Di-n-octyl phthalate	500		970	ug/L	194	*			36	158	
Benzo(b)fluoranthene	500		550	ug/L	110				40	150	
Benzo(k)fluoranthene	500		560	ug/L	112				40	147	
Benzo(a)pyrene	500		540	ug/L	108				42	147	
Indeno(1,2,3-cd)pyrene	500		450	ug/L	90				30	166	
Dibenz(a,h)anthracene	500		450	ug/L	90				23	172	
Benzo(g,h,i)perylene	500		400	ug/L	80				27	167	
1,2,4,5-Tetrachlorobenzene	500		470	ug/L	94				89	102	
1,4-Dioxane	500		400	ug/L	80				38	130	
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92				91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2915-03MSD		Client Sample ID: WC-NORTH-1MSD		DataFile: BF138229.D							
n-Nitrosodimethylamine	500		480	ug/L	96		0		10	130	20
Pyridine	500		330	ug/L	66		0		10	109	20
Benzaldehyde	500		180	ug/L	36		6		10	137	20
Aniline	500		180	ug/L	36		0		10	130	20
Phenol	500		460	ug/L	92		0		10	130	20
bis(2-Chloroethyl)ether	500		500	ug/L	100		0		29	141	20
2-Chlorophenol	500		500	ug/L	100		4		23	127	20
1,2-Dichlorobenzene	500		460	ug/L	92		0		61	114	20
1,3-Dichlorobenzene	500		450	ug/L	90		0		65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		0		55	125	20
Benzyl Alcohol	500		530	ug/L	106	*	2		31	94	20
2-Methylphenol	500		510	ug/L	102		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96		0		36	141	20
Acetophenone	500		430	ug/L	86		0		31	164	20
3+4-Methylphenols	500		460	ug/L	92		0		17	136	20
N-Nitroso-di-n-propylamine	500		500	ug/L	100		2		36	147	20
Hexachloroethane	500		470	ug/L	94		0		35	137	20
Nitrobenzene	500		470	ug/L	94		0		40	134	20
Isophorone	500		500	ug/L	100		0		39	146	20
2-Nitrophenol	500		620	ug/L	124		2		30	148	20
2,4-Dimethylphenol	500		540	ug/L	108		2		17	143	20
bis(2-Chloroethoxy)methane	500		510	ug/L	102		2		39	143	20
2,4-Dichlorophenol	500		490	ug/L	98		0		22	146	20
1,2,4-Trichlorobenzene	500		460	ug/L	92		0		66	110	20
Benzoic acid	500		490	ug/L	98		6		10	101	20
Naphthalene	500		450	ug/L	90		0		17	157	20
4-Chloroaniline	500		59	ug/L	12		0		10	95	20
Hexachlorobutadiene	500		450	ug/L	90		0		52	125	20
Caprolactam	500		430	ug/L	86		2		10	130	20
4-Chloro-3-methylphenol	500		490	ug/L	98		0		17	148	20
2-Methylnaphthalene	500		470	ug/L	94		2		38	146	20
Hexachlorocyclopentadiene	1000		920	ug/L	92		1		20	153	20
2,4,6-Trichlorophenol	500		530	ug/L	106		2		46	139	20
2,4,5-Trichlorophenol	500		480	ug/L	96		0		42	129	20
1,1-Biphenyl	500		460	ug/L	92		0		38	154	20
2-Chloronaphthalene	500		470	ug/L	94		2		41	145	20
2-Nitroaniline	500		540	ug/L	108		2		39	151	20
Dimethylphthalate	500		540	ug/L	108		0		42	147	20
Acenaphthylene	500		500	ug/L	100		0		40	141	20
2,6-Dinitrotoluene	500		550	ug/L	110		0		43	148	20
3-Nitroaniline	500		260	ug/L	52		4		10	111	20
Acenaphthene	500		490	ug/L	98		2		37	146	20
Total PAH	8000		7660	ug/L	96		0		37	146	20
2,4-Dinitrophenol	1000		710	ug/L	71		4		14	167	20
4-Nitrophenol	1000		730	ug/L	73		1		10	130	20
Dibenzofuran	500		460	ug/L	92		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061824

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	1000		1090	ug/L	109		1		40	151	20
2,4-Dinitrotoluene	500		540	ug/L	108		2		40	151	20
Diethylphthalate	500		540	ug/L	108		2		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		2		38	149	20
Fluorene	500		430	ug/L	86		0		39	144	20
4-Nitroaniline	500		400	ug/L	80		0		27	138	20
4,6-Dinitro-2-methylphenol	500		490	ug/L	98		4		32	175	20
N-Nitrosodiphenylamine	500		570	ug/L	114		0		40	150	20
Azobenzene	500		470	ug/L	94		0		72	112	20
4-Bromophenyl-phenylether	500		570	ug/L	114		0		42	151	20
Hexachlorobenzene	500		520	ug/L	104		2		60	129	20
Atrazine	500		580	ug/L	116		2		20	162	20
Pentachlorophenol	1000		880	ug/L	88		0		15	137	20
Phenanthrene	500		480	ug/L	96		0		40	147	20
Anthracene	500		500	ug/L	100		2		41	146	20
Carbazole	500		440	ug/L	88		0		37	154	20
Di-n-butylphthalate	500		610	ug/L	122		0		40	151	20
Fluoranthene	500		440	ug/L	88		0		42	146	20
Benzidine	1000		320	ug/L	32		25	*	10	130	20
Pyrene	500		420	ug/L	84		0		41	149	20
Butylbenzylphthalate	500		670	ug/L	134		3		39	155	20
3,3-Dichlorobenzidine	500		380	ug/L	76		10		10	114	20
Benzo(a)anthracene	500		500	ug/L	100		0		41	147	20
Chrysene	500		520	ug/L	104		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		820	ug/L	164	*	0		33	160	20
Di-n-octyl phthalate	500		960	ug/L	192	*	1		36	158	20
Benzo(b)fluoranthene	500		560	ug/L	112		2		40	150	20
Benzo(k)fluoranthene	500		540	ug/L	108		4		40	147	20
Benzo(a)pyrene	500		540	ug/L	108		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		450	ug/L	90		0		30	166	20
Dibenz(a,h)anthracene	500		450	ug/L	90		0		23	172	20
Benzo(g,h,i)perylene	500		390	ug/L	78		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92		2		89	102	20
1,4-Dioxane	500		400	ug/L	80		0		38	130	20
2,3,4,6-Tetrachlorophenol	500		460	ug/L	92		0		91	111	20
1-Methylnaphthalene	500		440	ug/L	88		0		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF061824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2880-01	OR-03-06132024	BF138236.D	2-Fluorophenol	150	69.75	46		18	112
			Phenol-d6	150	64.74	43		15	107
			Nitrobenzene-d5	100	46.78	47		18	107
			2-Fluorobiphenyl	100	55.12	55		20	109
			2,4,6-Tribromophenol	150	55.69	37		10	110
			Terphenyl-d14	100	46.50	46		14	112
P2885-01	CL-02-061424	BF138237.D	2-Fluorophenol	150	72.55	48		18	112
			Phenol-d6	150	69.00	46		15	107
			Nitrobenzene-d5	100	47.58	48		18	107
			2-Fluorobiphenyl	100	64.41	64		20	109
			2,4,6-Tribromophenol	150	56.30	38		10	110
			Terphenyl-d14	100	58.59	59		14	112
P2887-01	HD-01-06132024	BF138235.D	2-Fluorophenol	150	79.43	53		18	112
			Phenol-d6	150	76.38	51		15	107
			Nitrobenzene-d5	100	54.40	54		18	107
			2-Fluorobiphenyl	100	60.73	61		20	109
			2,4,6-Tribromophenol	150	66.83	45		10	110
			Terphenyl-d14	100	49.70	50		14	112
P2916-01	WCS-TPF	BF138226.D	2-Fluorophenol	150	90.68	60		18	112
			Phenol-d6	150	88.91	59		15	107
			Nitrobenzene-d5	100	62.90	63		18	107
			2-Fluorobiphenyl	100	59.81	60		20	109
			2,4,6-Tribromophenol	150	77.37	52		10	110
			Terphenyl-d14	100	50.39	50		14	112
P2917-01	ROAD	BF138234.D	2-Fluorophenol	150	89.10	59		18	112
			Phenol-d6	150	85.68	57		15	107
			Nitrobenzene-d5	100	61.65	62		18	107
			2-Fluorobiphenyl	100	60.18	60		20	109
			2,4,6-Tribromophenol	150	74.36	50		10	110
			Terphenyl-d14	100	48.78	49		14	112
P2918-01	POLE	BF138223.D	2-Fluorophenol	150	98.91	66		18	112
			Phenol-d6	150	96.01	64		15	107
			Nitrobenzene-d5	100	66.75	67		18	107
			2-Fluorobiphenyl	100	65.77	66		20	109
			2,4,6-Tribromophenol	150	85.01	57		10	110
			Terphenyl-d14	100	56.40	56		14	112
P2918-01MS	POLEMS	BF138224.D	2-Fluorophenol	150	93.95	63		18	112
			Phenol-d6	150	93.58	62		15	107
			Nitrobenzene-d5	100	63.87	64		18	107
			2-Fluorobiphenyl	100	61.99	62		20	109
			2,4,6-Tribromophenol	150	83.68	56		10	110
			Terphenyl-d14	100	54.27	54		14	112
P2918-01MSD	POLEMSD	BF138225.D	2-Fluorophenol	150	101.13	67		18	112
			Phenol-d6	150	102.30	68		15	107
			Nitrobenzene-d5	100	70.48	70		18	107
			2-Fluorobiphenyl	100	67.12	67		20	109
			2,4,6-Tribromophenol	150	91.27	61		10	110
			Terphenyl-d14	100	60.44	60		14	112
P2924-01	CLEAN-CONC	BF138221.D	2-Fluorophenol	150	48.19	32		18	112

Surrogate Summary

SW-846

SDG No.: **BF061824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2924-01	CLEAN-CONC	BF138221.D	Phenol-d6	150	61.65	41		15	107
			Nitrobenzene-d5	100	56.64	57		18	107
			2-Fluorobiphenyl	100	57.90	58		20	109
			2,4,6-Tribromophenol	150	26.54	18		10	110
			Terphenyl-d14	100	48.50	49		14	112
P2924-03	DAMAGED-CONC	BF138222.D	2-Fluorophenol	150	56.43	38		18	112
			Phenol-d6	150	70.55	47		15	107
			Nitrobenzene-d5	100	68.65	69		18	107
			2-Fluorobiphenyl	100	105.85	106		20	109
			2,4,6-Tribromophenol	150	21.20	14		10	110
P2926-01	OILY-GRAVEL	BF138238.D	Terphenyl-d14	100	17.79	18		14	112
			2-Fluorophenol	150	127.25	85		18	112
			Phenol-d6	150	117.20	78		15	107
			Nitrobenzene-d5	100	82.02	82		18	107
			2-Fluorobiphenyl	100	111.49	111	*	20	109
PB161536BL	PB161536BL	BF138219.D	2,4,6-Tribromophenol	150	94.63	63		10	110
			Terphenyl-d14	100	96.18	96		14	112
			2-Fluorophenol	150	112.77	75		18	112
			Phenol-d6	150	109.73	73		15	107
			Nitrobenzene-d5	100	78.53	79		18	107
PB161536BS	PB161536BS	BF138220.D	2-Fluorobiphenyl	100	69.76	70		20	109
			2,4,6-Tribromophenol	150	116.43	78		10	110
			Terphenyl-d14	100	61.16	61		14	112
			2-Fluorophenol	150	117.47	78		18	112
			Phenol-d6	150	118.28	79		15	107
			Nitrobenzene-d5	100	78.51	79		18	107
			2-Fluorobiphenyl	100	68.13	68		20	109
			2,4,6-Tribromophenol	150	118.56	79		10	110
			Terphenyl-d14	100	71.96	72		14	112

Surrogate Summary

SW-846

SDG No.: **BF061824**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2915-03	WC-NORTH-1	BF138227.D	2-Fluorophenol	150	119.67	80		10	139
			Phenol-d6	150	112.03	75		10	134
			Nitrobenzene-d5	100	91.40	91		49	133
			2-Fluorobiphenyl	100	85.60	86		52	132
			2,4,6-Tribromophenol	150	112.20	75		32	145
			Terphenyl-d14	100	80.27	80		36	145
P2915-03MS	WC-NORTH-1MS	BF138228.D	2-Fluorophenol	150	120.48	80		10	139
			Phenol-d6	150	115.21	77		10	134
			Nitrobenzene-d5	100	87.79	88		49	133
			2-Fluorobiphenyl	100	83.92	84		52	132
			2,4,6-Tribromophenol	150	111.69	74		32	145
			Terphenyl-d14	100	77.62	78		36	145
P2915-03MSD	WC-NORTH-1MSI	BF138229.D	2-Fluorophenol	150	117.23	78		10	139
			Phenol-d6	150	113.13	75		10	134
			Nitrobenzene-d5	100	88.21	88		49	133
			2-Fluorobiphenyl	100	84.43	84		52	132
			2,4,6-Tribromophenol	150	110.75	74		32	145
			Terphenyl-d14	100	77.52	78		36	145
P2915-04	WC-SOUTH-1	BF138230.D	2-Fluorophenol	150	122.33	82		10	139
			Phenol-d6	150	113.15	75		10	134
			Nitrobenzene-d5	100	88.13	88		49	133
			2-Fluorobiphenyl	100	83.65	84		52	132
			2,4,6-Tribromophenol	150	110.84	74		32	145
			Terphenyl-d14	100	77.95	78		36	145
P2916-04	WCS-TPF	BF138231.D	2-Fluorophenol	150	117.83	79		10	139
			Phenol-d6	150	105.67	70		10	134
			Nitrobenzene-d5	100	87.95	88		49	133
			2-Fluorobiphenyl	100	82.62	83		52	132
			2,4,6-Tribromophenol	150	110.19	73		32	145
			Terphenyl-d14	100	77.77	78		36	145
P2917-03	ROAD	BF138232.D	2-Fluorophenol	150	118.21	79		10	139
			Phenol-d6	150	105.23	70		10	134
			Nitrobenzene-d5	100	89.73	90		49	133
			2-Fluorobiphenyl	100	85.55	86		52	132
			2,4,6-Tribromophenol	150	111.08	74		32	145
			Terphenyl-d14	100	82.55	83		36	145
P2918-03	POLE	BF138233.D	2-Fluorophenol	150	120.54	80		10	139
			Phenol-d6	150	108.12	72		10	134
			Nitrobenzene-d5	100	89.45	89		49	133
			2-Fluorobiphenyl	100	86.01	86		52	132
			2,4,6-Tribromophenol	150	109.62	73		32	145
			Terphenyl-d14	100	81.77	82		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF061824

Lab Code: CHEM

SAS No.: BF061824 SDG NO.: BF061824

Lab File ID: BF138217.D

DFTPP Injection Date: 06/18/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.8
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.7
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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	BF138218.D	06/18/2024	11:36
PB161536BL	PB161536BL	BF138219.D	06/18/2024	12:23
PB161536BS	PB161536BS	BF138220.D	06/18/2024	12:52
CLEAN-CONC	P2924-01	BF138221.D	06/18/2024	13:32
DAMAGED-CONC	P2924-03	BF138222.D	06/18/2024	14:02
POLE	P2918-01	BF138223.D	06/18/2024	14:31
POLEMS	P2918-01MS	BF138224.D	06/18/2024	15:00
POLEMSD	P2918-01MSD	BF138225.D	06/18/2024	15:30
WCS-TPF	P2916-01	BF138226.D	06/18/2024	15:59
WC-NORTH-1	P2915-03	BF138227.D	06/18/2024	16:29
WC-NORTH-1MS	P2915-03MS	BF138228.D	06/18/2024	16:59
WC-NORTH-1MSD	P2915-03MSD	BF138229.D	06/18/2024	17:29
WC-SOUTH-1	P2915-04	BF138230.D	06/18/2024	17:59
WCS-TPF	P2916-04	BF138231.D	06/18/2024	18:29
ROAD	P2917-03	BF138232.D	06/18/2024	18:59
POLE	P2918-03	BF138233.D	06/18/2024	19:29
ROAD	P2917-01	BF138234.D	06/18/2024	19:59
HD-01-06132024	P2887-01	BF138235.D	06/18/2024	20:29

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF061824

Lab Code: CHEM

SAS No.: BF061824

SDG NO.: BF061824

Lab File ID: BF138217.D

DFTPP Injection Date: 06/18/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.8
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	39.7
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.7 (19.7) 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
OR-03-06132024	P2880-01	BF138236.D	06/18/2024	20:59
CL-02-061424	P2885-01	BF138237.D	06/18/2024	21:28
OILY-GRAVEL	P2926-01	BF138238.D	06/18/2024	21:58