

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF052224 SAS No.: BF052224 SDG No.: BF052224

Instrument ID: BNA_F Calibration Date/Time: 5/22/2024 1:09:46

Lab File ID: BF137995.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	0.505	0.473		-6.337	
Pyridine	1.144	1.188		3.846	
2-Fluorophenol	1.177	1.165		-1.02	
Benzaldehyde	0.785	0.808		2.93	
Aniline	1.297	1.377		6.168	
Phenol-d6	1.450	1.419		-2.138	
Phenol	1.464	1.435		-1.981	20.0
bis(2-Chloroethyl) ether	1.124	1.121		-0.267	
2-Chlorophenol	1.274	1.269		-0.392	
1,2-Dichlorobenzene	1.393	1.377		-1.149	
1,3-Dichlorobenzene	1.474	1.454		-1.357	
1,4-Dichlorobenzene	1.480	1.470		-0.676	20.0
Benzyl Alcohol	1.005	1.018		1.294	
2-Methylphenol	1.016	1.004		-1.181	
2,2-oxybis(1-Chloropropane)	1.382	1.400		1.302	
Acetophenone	0.448	0.454		1.339	
3+4-Methylphenols	1.331	1.327		-0.301	
n-Nitroso-di-n-propylamine	0.815	0.812	0.050	-0.368	
Nitrobenzene-d5	0.340	0.347		2.059	
Hexachloroethane	0.501	0.507		1.198	
Nitrobenzene	0.345	0.348		0.87	
Isophorone	0.590	0.608		3.051	
2-Nitrophenol	0.173	0.183		5.78	20.0
2,4-Dimethylphenol	0.223	0.229		2.691	
bis(2-Chloroethoxy) methane	0.357	0.365		2.241	
2,4-Dichlorophenol	0.280	0.290		3.571	20.0
1,2,4-Trichlorobenzene	0.313	0.321		2.556	
Benzoic acid	0.189	0.214		13.228	
Naphthalene	1.006	1.019		1.292	
4-Chloroaniline	0.330	0.357		8.182	
Hexachlorobutadiene	0.198	0.205		3.535	20.0
Caprolactam	0.081	0.086		6.173	
4-Chloro-3-methylphenol	0.285	0.297		4.211	20.0
2-Methylnaphthalene	0.646	0.663		2.632	
Hexachlorocyclopentadiene	0.207	0.219	0.050	5.797	
2,4,6-Trichlorophenol	0.357	0.372		4.202	20.0
2-Fluorobiphenyl	1.298	1.280		-1.387	
2,4,5-Trichlorophenol	0.390	0.407		4.359	
1,1-Biphenyl	1.403	1.408		0.356	

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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	1.120	1.129		0.804	
2-Nitroaniline	0.287	0.298		3.833	
Dimethylphthalate	1.254	1.291		2.951	
Acenaphthylene	1.610	1.627		1.056	
2,6-Dinitrotoluene	0.288	0.301		4.514	
3-Nitroaniline	0.281	0.296		5.338	
Acenaphthene	1.064	1.093		2.726	20.0
2,4-Dinitrophenol	0.129	0.150	0.050	16.279	
4-Nitrophenol	0.202	0.218	0.050	7.921	
Dibenzofuran	1.549	1.553		0.258	
2,4-Dinitrotoluene	0.372	0.393		5.645	
Diethylphthalate	1.171	1.225		4.611	
4-Chlorophenyl-phenylether	0.604	0.622		2.98	
Fluorene	1.225	1.256		2.531	
4-Nitroaniline	0.267	0.282		5.618	
4,6-Dinitro-2-methylphenol	0.115	0.130		13.043	
n-Nitrosodiphenylamine	0.613	0.628		2.447	20.0
Azobenzene	1.065	1.075		0.939	
2,4,6-Tribromophenol	0.202	0.213		5.446	
4-Bromophenyl-phenylether	0.219	0.228		4.11	
Hexachlorobenzene	0.242	0.249		2.893	
Atrazine	0.167	0.165		-1.198	
Pentachlorophenol	0.142	0.158		11.268	20.0
Phenanthrene	0.986	0.991		0.507	
Anthracene	0.978	0.992		1.431	
Carbazole	0.893	0.914		2.352	
Di-n-butylphthalate	0.991	1.057		6.66	
Fluoranthene	1.000	1.010		1.0	20.0
Benzidine	0.261	0.504		93.103	
Pyrene	1.749	1.836		4.974	
Terphenyl-d14	1.357	1.427		5.158	
Butylbenzylphthalate	0.528	0.583		10.417	
3,3-Dichlorobenzidine	0.351	0.399		13.675	
Benzo(a)anthracene	1.265	1.310		3.557	
Chrysene	1.210	1.241		2.562	
Bis(2-ethylhexyl)phthalate	0.663	0.706		6.486	
Di-n-octyl phthalate	0.896	1.047		16.853	20.0
Benzo(b)fluoranthene	1.158	1.164		0.518	
Benzo(k)fluoranthene	1.138	1.131		-0.615	

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Instrument ID: BNA_F Calibration Date/Time: 5/22/2024 1:09:46

Lab File ID: BF137995.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	0.989	1.032		4.348	20.0
Indeno(1,2,3-cd)pyrene	1.285	1.447		12.607	
Dibenzo(a,h)anthracene	1.062	1.187		11.77	
Benzo(g,h,i)perylene	1.115	1.239		11.121	
1,2,4,5-Tetrachlorobenzene	0.544	0.547		0.551	
1,4-Dioxane	0.510	0.501		-1.765	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.317		3.595	
1-Methylnaphthalene	0.635	0.649		2.205	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BL	SDG No.:	BF052224
Lab Sample ID:	PB161030BL	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
BF137996.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BL	SDG No.:	BF052224
Lab Sample ID:	PB161030BL	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
BF137996.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

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



Client:				Date Collected:	5/21/2024 12:00:00 AM	
Project:				Date Received:	5/21/2024 12:00:00 AM	
Client Sample ID:	PB161030BL			SDG No.:	BF052224	
Lab Sample ID:	PB161030BL			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
BF137996.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

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	132.833		18-112		89	SPK: -150
13127-88-3	Phenol-d6	130.874		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	87.597		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.275		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BL	SDG No.:	BF052224
Lab Sample ID:	PB161030BL	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
BF137996.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.699		10-110		94	SPK: -150
1718-51-0	Terphenyl-d14	85.012		14-112		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139355	7.034				
1146-65-2	Naphthalene-d8	550979	8.316				
15067-26-2	Acenaphthene-d10	315202	10.081				
1517-22-2	Phenanthrene-d10	574613	11.575				
1719-03-5	Chrysene-d12	373875	14.221				
1520-96-3	Perylene-d12	301404	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	93.6	J			2.458	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BS	SDG No.:	BF052224
Lab Sample ID:	PB161030BS	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
BF137997.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

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	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	2000		180	270	330	ug/Kg
62-53-3	Aniline	1100		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	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		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)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		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	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	650		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BS	SDG No.:	BF052224
Lab Sample ID:	PB161030BS	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
BF137997.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

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	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	24700		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	1500		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		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	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BS	SDG No.:	BF052224
Lab Sample ID:	PB161030BS	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
BF137997.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	690		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		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	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.841		18-112		81	SPK: -150
13127-88-3	Phenol-d6	122.383		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	79.644		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	78.53		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161030BS	SDG No.:	BF052224
Lab Sample ID:	PB161030BS	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
BF137997.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.275		10-110		92	SPK: -150
1718-51-0	Terphenyl-d14	82.583		14-112		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158636	7.034				
1146-65-2	Naphthalene-d8	639717	8.316				
15067-26-2	Acenaphthene-d10	367046	10.086				
1517-22-2	Phenanthrene-d10	633899	11.581				
1719-03-5	Chrysene-d12	389073	14.227				
1520-96-3	Perylene-d12	297271	15.786				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BL	SDG No.:	BF052224
Lab Sample ID:	PB161028BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137998.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BL	SDG No.:	BF052224
Lab Sample ID:	PB161028BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137998.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BL	SDG No.:	BF052224
Lab Sample ID:	PB161028BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF137998.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.849		10-139		86	SPK: -150
13127-88-3	Phenol-d6	128.12		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	86.355		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	85.018		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BL	SDG No.:	BF052224
Lab Sample ID:	PB161028BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137998.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.262		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	86.417		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154496	7.034				
1146-65-2	Naphthalene-d8	597588	8.316				
15067-26-2	Acenaphthene-d10	343603	10.081				
1517-22-2	Phenanthrene-d10	615834	11.575				
1719-03-5	Chrysene-d12	395714	14.227				
1520-96-3	Perylene-d12	308093	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	190	J			2.122	
000994-05-8	Butane, 2-methoxy-2-methyl-	2.8	J			2.469	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BS	SDG No.:	BF052224
Lab Sample ID:	PB161028BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137999.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42		1	8	10	ug/L
110-86-1	Pyridine	37.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	58.8		4	8	10	ug/L
62-53-3	Aniline	31.8		1.6	4	5	ug/L
108-95-2	Phenol	43.6		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.7		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.8		1.4	4	5	ug/L
98-86-2	Acetophenone	43.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.6		1	4	5	ug/L
98-95-3	Nitrobenzene	40.7		1.3	4	5	ug/L
78-59-1	Isophorone	44.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	45.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	47.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	49.2		5.5	8	10	ug/L
91-20-3	Naphthalene	42.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	18.1		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BS	SDG No.:	BF052224
Lab Sample ID:	PB161028BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF137999.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.6		0.81	4	5	ug/L
Total PAH	Total PAH	736.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	91.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43.3		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	46.9		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	91.1		2.7	4	10	ug/L
84-66-2	Diethylphthalate	45.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.98	4	5	ug/L
86-73-7	Fluorene	43.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.6		0.89	4	5	ug/L
103-33-3	Azobenzene	45.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	43.5		1.1	4	5	ug/L
1912-24-9	Atrazine	55.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BS	SDG No.:	BF052224
Lab Sample ID:	PB161028BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF137999.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.1		0.89	4	5	ug/L
120-12-7	Anthracene	44.5		1.1	4	5	ug/L
86-74-8	Carbazole	43.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.5		1.3	4	5	ug/L
92-87-5	Benzidine	21.4		4.1	8	10	ug/L
129-00-0	Pyrene	43.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.7		0.94	4	5	ug/L
218-01-9	Chrysene	45.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	54		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.744		10-139		80	SPK: -150
13127-88-3	Phenol-d6	119.41		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.028		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	79.069		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BS	SDG No.:	BF052224
Lab Sample ID:	PB161028BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF137999.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.434		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	84.715		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158190	7.034				
1146-65-2	Naphthalene-d8	617430	8.316				
15067-26-2	Acenaphthene-d10	353016	10.086				
1517-22-2	Phenanthrene-d10	614670	11.58				
1719-03-5	Chrysene-d12	365439	14.227				
1520-96-3	Perylene-d12	301176	15.786				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BSD	SDG No.:	BF052224
Lab Sample ID:	PB161028BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138000.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42		1	8	10	ug/L
110-86-1	Pyridine	37.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	59.1		4	8	10	ug/L
62-53-3	Aniline	31.9		1.6	4	5	ug/L
108-95-2	Phenol	43.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.3		1.4	4	5	ug/L
98-86-2	Acetophenone	42.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	44.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.2		1	4	5	ug/L
98-95-3	Nitrobenzene	40.8		1.3	4	5	ug/L
78-59-1	Isophorone	43.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	45.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	47.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.9		5.5	8	10	ug/L
91-20-3	Naphthalene	41.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	18		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BSD	SDG No.:	BF052224
Lab Sample ID:	PB161028BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138000.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.3		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.5		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	46.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33		1.4	4	5	ug/L
83-32-9	Acenaphthene	48.5		0.81	4	5	ug/L
Total PAH	Total PAH	736.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	95.8	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	92.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47.6		1.5	4	5	ug/L
84-66-2	Diethylphthalate	46.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.5		0.98	4	5	ug/L
86-73-7	Fluorene	44.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.8		0.89	4	5	ug/L
103-33-3	Azobenzene	46.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42.8		1.1	4	5	ug/L
1912-24-9	Atrazine	55.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BSD	SDG No.:	BF052224
Lab Sample ID:	PB161028BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138000.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44		0.89	4	5	ug/L
120-12-7	Anthracene	45.3		1.1	4	5	ug/L
86-74-8	Carbazole	44.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48		1.5	4	5	ug/L
206-44-0	Fluoranthene	45.3		1.3	4	5	ug/L
92-87-5	Benzidine	21.7		4.1	8	10	ug/L
129-00-0	Pyrene	41.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.1		0.94	4	5	ug/L
218-01-9	Chrysene	44.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.471		10-139		80	SPK: -150
13127-88-3	Phenol-d6	119.948		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	79.78		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	79.743		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161028BSD	SDG No.:	BF052224
Lab Sample ID:	PB161028BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138000.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.005		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	80.952		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154652	7.034				
1146-65-2	Naphthalene-d8	611970	8.322				
15067-26-2	Acenaphthene-d10	345009	10.086				
1517-22-2	Phenanthrene-d10	614789	11.58				
1719-03-5	Chrysene-d12	386835	14.233				
1520-96-3	Perylene-d12	295625	15.786				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BL	SDG No.:	BF052224
Lab Sample ID:	PB161034BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138001.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BL	SDG No.:	BF052224
Lab Sample ID:	PB161034BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138001.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BL	SDG No.:	BF052224
Lab Sample ID:	PB161034BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138001.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.451		10-139		87	SPK: -150
13127-88-3	Phenol-d6	130.701		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	87.262		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	85.394		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BL	SDG No.:	BF052224
Lab Sample ID:	PB161034BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138001.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.304		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	88.361		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154349	7.034				
1146-65-2	Naphthalene-d8	609807	8.316				
15067-26-2	Acenaphthene-d10	354100	10.081				
1517-22-2	Phenanthrene-d10	637889	11.575				
1719-03-5	Chrysene-d12	392326	14.227				
1520-96-3	Perylene-d12	302176	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000077-76-9	Propane, 2,2-dimethoxy-	210	J			2.128	
000994-05-8	Butane, 2-methoxy-2-methyl-	2.8	J			2.469	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BS	SDG No.:	BF052224
Lab Sample ID:	PB161034BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138002.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.6		1	8	10	ug/L
110-86-1	Pyridine	36.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	59.4		4	8	10	ug/L
62-53-3	Aniline	32.1		1.6	4	5	ug/L
108-95-2	Phenol	43.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.7		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.8		1.4	4	5	ug/L
98-86-2	Acetophenone	42.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42		1	4	5	ug/L
98-95-3	Nitrobenzene	40.3		1.3	4	5	ug/L
78-59-1	Isophorone	43.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	45.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	46.9		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41		1.1	4	5	ug/L
65-85-0	Benzoic acid	49.8		5.5	8	10	ug/L
91-20-3	Naphthalene	41.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	18		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	40.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BS	SDG No.:	BF052224
Lab Sample ID:	PB161034BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138002.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	48.3		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.1		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	44		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.7		0.81	4	5	ug/L
Total PAH	Total PAH	726.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	92.8	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.9	E	2	8	10	ug/L
132-64-9	Dibenzofuran	43.4		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	46.8		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.8		2.7	4	10	ug/L
84-66-2	Diethylphthalate	46.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.5		0.98	4	5	ug/L
86-73-7	Fluorene	43.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.6		0.89	4	5	ug/L
103-33-3	Azobenzene	45.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42.8		1.1	4	5	ug/L
1912-24-9	Atrazine	54.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BS	SDG No.:	BF052224
Lab Sample ID:	PB161034BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138002.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.5		0.89	4	5	ug/L
120-12-7	Anthracene	44		1.1	4	5	ug/L
86-74-8	Carbazole	43.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.9		1.3	4	5	ug/L
92-87-5	Benzidine	21.6		4.1	8	10	ug/L
129-00-0	Pyrene	43		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.2		0.94	4	5	ug/L
218-01-9	Chrysene	44.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	56.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	49.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.402		10-139		80	SPK: -150
13127-88-3	Phenol-d6	119.881		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	79.279		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	78.425		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	PB161034BS	SDG No.:	BF052224
Lab Sample ID:	PB161034BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138002.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.376		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	83.929		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156935	7.034				
1146-65-2	Naphthalene-d8	631403	8.322				
15067-26-2	Acenaphthene-d10	361308	10.086				
1517-22-2	Phenanthrene-d10	636618	11.58				
1719-03-5	Chrysene-d12	372232	14.233				
1520-96-3	Perylene-d12	302803	15.792				

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052224
Lab Sample ID:	P2525-04	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
BF138003.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052224
Lab Sample ID:	P2525-04	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
BF138003.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052224
Lab Sample ID:	P2525-04	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
BF138003.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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	127.534		10-139		85	SPK: -150
13127-88-3	Phenol-d6	118.022		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	91.537		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	91.08		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AA	SDG No.:	BF052224
Lab Sample ID:	P2525-04	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
BF138003.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.715		32-145		106	SPK: -150
1718-51-0	Terphenyl-d14	94.982		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131089	7.034				
1146-65-2	Naphthalene-d8	502869	8.316				
15067-26-2	Acenaphthene-d10	286207	10.081				
1517-22-2	Phenanthrene-d10	498132	11.575				
1719-03-5	Chrysene-d12	284526	14.227				
1520-96-3	Perylene-d12	242770	15.792				

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052224
Lab Sample ID:	P2525-04MS	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
BF138004.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	340		15.5	40	50	ug/L
100-52-7	Benzaldehyde	70.2	J	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	470		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	440		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	430		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	500		16	80	100	ug/L
95-48-7	2-Methylphenol	470		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	460		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	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	430		10.1	40	50	ug/L
98-95-3	Nitrobenzene	440		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	480		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	500		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	45.1	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	420		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052224
Lab Sample ID:	P2525-04MS	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
BF138004.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	480		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	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		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	470		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	490		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	500		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	110		13.7	40	50	ug/L
83-32-9	Acenaphthene	510		8.1	40	50	ug/L
Total PAH	Total PAH	7500		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	970	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	950	E	20	80	100	ug/L
132-64-9	Dibenzofuran	470		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	500		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	470		27.6	40	100	ug/L
84-66-2	Diethylphthalate	500		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	480		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	530		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	390		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052224
Lab Sample ID:	P2525-04MS	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
BF138004.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	970	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	470		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	510		14.7	40	50	ug/L
206-44-0	Fluoranthene	450		12.9	40	50	ug/L
92-87-5	Benzidine	190		40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	590		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	150		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	580		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	660		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	490		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	420		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	410		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	340		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	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	510		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.747		10-139		82	SPK: -150
13127-88-3	Phenol-d6	119.898		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	88.749		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	86.522		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMS	SDG No.:	BF052224
Lab Sample ID:	P2525-04MS	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
BF138004.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.59		32-145		98	SPK: -150
1718-51-0	Terphenyl-d14	100.157		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145521	7.034				
1146-65-2	Naphthalene-d8	573840	8.322				
15067-26-2	Acenaphthene-d10	327704	10.086				
1517-22-2	Phenanthrene-d10	562140	11.58				
1719-03-5	Chrysene-d12	273280	14.227				
1520-96-3	Perylene-d12	304568	15.792				

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052224
Lab Sample ID:	P2525-04MSD	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
BF138005.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	340		15.5	40	50	ug/L
100-52-7	Benzaldehyde	65.5	J	40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	460		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	440		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	480		16	80	100	ug/L
95-48-7	2-Methylphenol	460		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	470		13.5	40	50	ug/L
98-86-2	Acetophenone	450		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	450		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	430		10.1	40	50	ug/L
98-95-3	Nitrobenzene	420		12.7	40	50	ug/L
78-59-1	Isophorone	460		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	480		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	490		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	460		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	480		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	47.3	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052224
Lab Sample ID:	P2525-04MSD	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
BF138005.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	460		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	470		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1300	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	480		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	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	480		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	480		9.3	40	50	ug/L
208-96-8	Acenaphthylene	490		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	120		13.7	40	50	ug/L
83-32-9	Acenaphthene	510		8.1	40	50	ug/L
Total PAH	Total PAH	7350		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	960	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	950	E	20	80	100	ug/L
132-64-9	Dibenzofuran	470		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	970		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	500		15.2	40	50	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	440		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	530		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	460		8.9	40	50	ug/L
103-33-3	Azobenzene	480		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	470		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	390		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052224
Lab Sample ID:	P2525-04MSD	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
BF138005.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	960	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	460		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	430		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	230		40.7	80	100	ug/L
129-00-0	Pyrene	500		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	580		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	200		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	490		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	570		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	670		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	450		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	510		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	330		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	360		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	500		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.996		10-139		80	SPK: -150
13127-88-3	Phenol-d6	116.325		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	85.767		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	84.677		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WC-MH-AAMSD	SDG No.:	BF052224
Lab Sample ID:	P2525-04MSD	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
BF138005.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.068		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	98.331		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145420	7.034				
1146-65-2	Naphthalene-d8	577813	8.316				
15067-26-2	Acenaphthene-d10	325043	10.086				
1517-22-2	Phenanthrene-d10	555813	11.58				
1719-03-5	Chrysene-d12	268130	14.227				
1520-96-3	Perylene-d12	308674	15.792				

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	A852	SDG No.:	BF052224
Lab Sample ID:	P2538-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138006.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	A852	SDG No.:	BF052224
Lab Sample ID:	P2538-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138006.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	A852	SDG No.:	BF052224
Lab Sample ID:	P2538-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138006.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.014		10-139		38	SPK: -150
13127-88-3	Phenol-d6	35.469		10-134		24	SPK: -150
4165-60-0	Nitrobenzene-d5	85.711		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	82.903		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	A852	SDG No.:	BF052224
Lab Sample ID:	P2538-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138006.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.188		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	88.983		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136763	7.034				
1146-65-2	Naphthalene-d8	524520	8.316				
15067-26-2	Acenaphthene-d10	302769	10.08				
1517-22-2	Phenanthrene-d10	524928	11.575				
1719-03-5	Chrysene-d12	269282	14.221				
1520-96-3	Perylene-d12	269103	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			2.399	
000057-10-3	n-Hexadecanoic acid	2.3	J			12.08	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	OILY-WATER	SDG No.:	BF052224
Lab Sample ID:	P2563-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138007.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	OILY-WATER	SDG No.:	BF052224
Lab Sample ID:	P2563-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 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
BF138007.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	OILY-WATER	SDG No.:	BF052224
Lab Sample ID:	P2563-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138007.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.165		10-139		33	SPK: -150
13127-88-3	Phenol-d6	31.953		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	66.088		49-133		66	SPK: -100
321-60-8	2-Fluorobiphenyl	71.497		52-132		71	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	OILY-WATER	SDG No.:	BF052224
Lab Sample ID:	P2563-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138007.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161028

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.7		32-145		82	SPK: -150
1718-51-0	Terphenyl-d14	72.406		36-145		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129085	7.034				
1146-65-2	Naphthalene-d8	491378	8.316				
15067-26-2	Acenaphthene-d10	264791	10.081				
1517-22-2	Phenanthrene-d10	457271	11.575				
1719-03-5	Chrysene-d12	264047	14.222				
1520-96-3	Perylene-d12	111814	15.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	92.3	J			2.387	
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	3.7	J			3.299	
000141-79-7	3-Penten-2-one, 4-methyl-	14.9	A			4.681	
	unknown7.087	7	J			7.087	
001119-40-0	Pentanedioic acid, dimethyl ester	2.3	J			7.834	
1000374-31-3	.alpha.-Hydroxyisobutyric acid, ac	3.4	J			8.04	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	2.1	J			8.21	
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			8.622	
000772-15-6	Benzenepropanoic acid, .beta.-meth	5	J			9.322	
001009-61-6	Ethanone, 1,1-(1,4-phenylene)bis-	2.2	J			9.716	
000077-93-0	Triethyl citrate	8.7	J			10.739	
000057-10-3	n-Hexadecanoic acid	10.1	J			12.081	
000057-11-4	Octadecanoic acid	3.2	J			12.869	
001560-98-1	Octacosane, 2-methyl-	2.1	J			15.368	

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF052224
Lab Sample ID:	P2527-04	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
BF138008.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF052224
Lab Sample ID:	P2527-04	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
BF138008.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF052224
Lab Sample ID:	P2527-04	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
BF138008.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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	132.921		10-139		89	SPK: -150
13127-88-3	Phenol-d6	128.162		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	94.304		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	94.186		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPN	SDG No.:	BF052224
Lab Sample ID:	P2527-04	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
BF138008.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	160.687		32-145		107	SPK: -150
1718-51-0	Terphenyl-d14	93.238		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133185	7.034				
1146-65-2	Naphthalene-d8	513269	8.316				
15067-26-2	Acenaphthene-d10	293490	10.08				
1517-22-2	Phenanthrene-d10	504178	11.575				
1719-03-5	Chrysene-d12	269795	14.221				
1520-96-3	Perylene-d12	250678	15.786				

Report of Analysis

Client:		Date Collected:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052224
Lab Sample ID:	P2531-04	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
BF138009.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052224
Lab Sample ID:	P2531-04	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
BF138009.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052224
Lab Sample ID:	P2531-04	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
BF138009.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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	112.618		10-139		75	SPK: -150
13127-88-3	Phenol-d6	102.392		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	80.44		49-133		80	SPK: -100
321-60-8	2-Fluorobiphenyl	81.419		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	5/18/2024 12:00:00 AM
Project:		Date Received:	5/18/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF052224
Lab Sample ID:	P2531-04	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
BF138009.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.852		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	84.258		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134235	7.034				
1146-65-2	Naphthalene-d8	526018	8.316				
15067-26-2	Acenaphthene-d10	297403	10.08				
1517-22-2	Phenanthrene-d10	501017	11.575				
1719-03-5	Chrysene-d12	279217	14.221				
1520-96-3	Perylene-d12	254013	15.786				

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-04	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
BF138010.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-04	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
BF138010.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-04	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
BF138010.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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	112.06		10-139		75	SPK: -150
13127-88-3	Phenol-d6	102.717		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	83.296		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	81.24		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-04	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
BF138010.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.158		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	88.704		36-145		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142280	7.034				
1146-65-2	Naphthalene-d8	541192	8.316				
15067-26-2	Acenaphthene-d10	314698	10.081				
1517-22-2	Phenanthrene-d10	547817	11.575				
1719-03-5	Chrysene-d12	291273	14.221				
1520-96-3	Perylene-d12	244440	15.786				

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-08	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
BF138011.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-08	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
BF138011.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-08	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
BF138011.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

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	1600	E	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	115.526		10-139		77	SPK: -150
13127-88-3	Phenol-d6	105.235		10-134		70	SPK: -150
4165-60-0	Nitrobenzene-d5	82.46		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	81.801		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	WCS-TPQ	SDG No.:	BF052224
Lab Sample ID:	P2539-08	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
BF138011.D	1	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161034

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.65		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	91.042		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140921	7.034				
1146-65-2	Naphthalene-d8	557390	8.316				
15067-26-2	Acenaphthene-d10	318186	10.08				
1517-22-2	Phenanthrene-d10	534844	11.574				
1719-03-5	Chrysene-d12	275111	14.221				
1520-96-3	Perylene-d12	253328	15.786				

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILDL	SDG No.:	BF052224
Lab Sample ID:	P2538-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138012.D	5	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	360	U	360	1100	1400	ug/Kg
110-86-1	Pyridine	330	U	330	540	710	ug/Kg
100-52-7	Benzaldehyde	760	U	760	1100	1400	ug/Kg
62-53-3	Aniline	400	U	400	540	710	ug/Kg
108-95-2	Phenol	340	U	340	540	710	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	350	U	350	540	710	ug/Kg
95-57-8	2-Chlorophenol	350	U	350	540	710	ug/Kg
95-50-1	1,2-Dichlorobenzene	350	U	350	540	710	ug/Kg
541-73-1	1,3-Dichlorobenzene	360	U	360	540	710	ug/Kg
106-46-7	1,4-Dichlorobenzene	360	U	360	540	710	ug/Kg
100-51-6	Benzyl Alcohol	340	U	340	1100	1400	ug/Kg
95-48-7	2-Methylphenol	330	U	330	540	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	380	U	380	540	710	ug/Kg
98-86-2	Acetophenone	360	U	360	540	710	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	330	1100	1400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	170	U	170	330	330	ug/Kg
67-72-1	Hexachloroethane	340	U	340	540	710	ug/Kg
98-95-3	Nitrobenzene	380	U	380	540	710	ug/Kg
78-59-1	Isophorone	350	U	350	540	710	ug/Kg
88-75-5	2-Nitrophenol	390	U	390	540	710	ug/Kg
105-67-9	2,4-Dimethylphenol	390	U	390	540	710	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	360	U	360	540	710	ug/Kg
120-83-2	2,4-Dichlorophenol	310	U	310	540	710	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	350	U	350	540	710	ug/Kg
65-85-0	Benzoic acid	980	U	980	1100	1400	ug/Kg
91-20-3	Naphthalene	340	U	340	540	710	ug/Kg
106-47-8	4-Chloroaniline	340	U	340	540	710	ug/Kg
87-68-3	Hexachlorobutadiene	350	U	350	540	710	ug/Kg



Report of Analysis

Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	POLE-SLEEVE-SOILDL			SDG No.:	BF052224	
Lab Sample ID:	P2538-01DL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	27.9	
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138012.D	5	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	360	U	360	1100	1400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	320	U	320	540	710	ug/Kg
91-57-6	2-Methylnaphthalene	340	U	340	540	710	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650	U	650	1100	1400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	300	U	300	540	710	ug/Kg
95-95-4	2,4,5-Trichlorophenol	310	U	310	540	710	ug/Kg
92-52-4	1,1-Biphenyl	360	U	360	540	710	ug/Kg
91-58-7	2-Chloronaphthalene	350	U	350	540	710	ug/Kg
88-74-4	2-Nitroaniline	390	U	390	540	710	ug/Kg
131-11-3	Dimethylphthalate	340	U	340	540	710	ug/Kg
208-96-8	Acenaphthylene	360	U	360	540	710	ug/Kg
606-20-2	2,6-Dinitrotoluene	350	U	350	540	710	ug/Kg
99-09-2	3-Nitroaniline	370	U	370	540	710	ug/Kg
83-32-9	Acenaphthene	340	U	340	540	710	ug/Kg
Total PAH	Total PAH	5560	UD	5510	540	11360	ug/Kg
51-28-5	2,4-Dinitrophenol	1000	U	1000	1100	1400	ug/Kg
100-02-7	4-Nitrophenol	480	U	480	1100	1400	ug/Kg
132-64-9	Dibenzofuran	350	U	350	540	710	ug/Kg
121-14-2	2,4-Dinitrotoluene	360	U	360	540	710	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	710	U	710	540	1420	ug/Kg
84-66-2	Diethylphthalate	330	U	330	540	710	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	360	U	360	540	710	ug/Kg
86-73-7	Fluorene	360	U	360	540	710	ug/Kg
100-01-6	4-Nitroaniline	440	U	440	540	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	490	U	490	1100	1400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	340	U	340	540	710	ug/Kg
103-33-3	Azobenzene	330	U	330	540	710	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	330	540	710	ug/Kg
118-74-1	Hexachlorobenzene	350	U	350	540	710	ug/Kg
1912-24-9	Atrazine	380	U	380	540	710	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILDL	SDG No.:	BF052224
Lab Sample ID:	P2538-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138012.D	5	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	320	U	320	1100	1400	ug/Kg
85-01-8	Phenanthrene	1000	D	350	540	710	ug/Kg
120-12-7	Anthracene	350	U	350	540	710	ug/Kg
86-74-8	Carbazole	330	U	330	540	710	ug/Kg
84-74-2	Di-n-butylphthalate	350	U	350	540	710	ug/Kg
206-44-0	Fluoranthene	1200	D	340	540	710	ug/Kg
92-87-5	Benzidine	680	U	680	1100	1400	ug/Kg
129-00-0	Pyrene	1100	D	340	540	710	ug/Kg
85-68-7	Butylbenzylphthalate	7000	D	400	540	710	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	U	410	1100	1400	ug/Kg
56-55-3	Benzo(a)anthracene	580	JD	340	540	710	ug/Kg
218-01-9	Chrysene	560	JD	330	540	710	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	380	U	380	540	710	ug/Kg
117-84-0	Di-n-octyl phthalate	460	U	460	1100	1400	ug/Kg
205-99-2	Benzo(b)fluoranthene	580	JD	340	540	710	ug/Kg
207-08-9	Benzo(k)fluoranthene	340	U	340	540	710	ug/Kg
50-32-8	Benzo(a)pyrene	540	JD	390	540	710	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320	U	320	540	710	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	340	U	340	540	710	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	U	330	540	710	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	360	U	360	540	710	ug/Kg
123-91-1	1,4-Dioxane	460	U	460	540	710	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	310	540	710	ug/Kg
90-12-0	1-Methylnaphthalene	350	U	350	710	710	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.435		18-112		76	SPK: -150
13127-88-3	Phenol-d6	114.52		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	72.825		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	78.61		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	POLE-SLEEVE-SOILDL	SDG No.:	BF052224
Lab Sample ID:	P2538-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	27.9
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138012.D	5	5/21/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161030

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.685		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	65.325		14-112		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145440	7.034				
1146-65-2	Naphthalene-d8	553347	8.316				
15067-26-2	Acenaphthene-d10	304910	10.08				
1517-22-2	Phenanthrene-d10	489309	11.574				
1719-03-5	Chrysene-d12	283443	14.221				
1520-96-3	Perylene-d12	332241	15.786				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024	SDG No.:	BF052224
Lab Sample ID:	P2564-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.02 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
BF138013.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	360	440	ug/Kg
110-86-1	Pyridine	110	U	110	170	230	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	440	ug/Kg
62-53-3	Aniline	130	U	130	170	230	ug/Kg
108-95-2	Phenol	110	U	110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	440	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.5	U	53.5	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	230	ug/Kg
78-59-1	Isophorone	110	U	110	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	230	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024	SDG No.:	BF052224
Lab Sample ID:	P2564-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.02 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
BF138013.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.7	U	94.7	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.2	U	98.2	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	230	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	1760	U	1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	230	ug/Kg
86-73-7	Fluorene	110	U	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	230	ug/Kg
103-33-3	Azobenzene	110	U	110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	230	ug/Kg
1912-24-9	Atrazine	120	U	120	170	230	ug/Kg



Client:			Date Collected:	5/21/2024 12:00:00 AM		
Project:			Date Received:	5/21/2024 12:00:00 AM		
Client Sample ID:	HD-01-05212024		SDG No.:	BF052224		
Lab Sample ID:	P2564-01		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	9.6		
Sample Wt/Vol:	50.02	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
BF138013.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	230	ug/Kg
120-12-7	Anthracene	110	U	110	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	230	ug/Kg
206-44-0	Fluoranthene	150	J	110	170	230	ug/Kg
92-87-5	Benzidine	220	U	220	360	440	ug/Kg
129-00-0	Pyrene	110	U	110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	230	ug/Kg
218-01-9	Chrysene	110	U	110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.1	U	99.1	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.324		18-112		63	SPK: -150
13127-88-3	Phenol-d6	93.69		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	64.632		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	75.76		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024	SDG No.:	BF052224
Lab Sample ID:	P2564-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	50.02 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
BF138013.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.372		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	52.068		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134902	7.033				
1146-65-2	Naphthalene-d8	490683	8.316				
15067-26-2	Acenaphthene-d10	230084	10.08				
1517-22-2	Phenanthrene-d10	331606	11.574				
1719-03-5	Chrysene-d12	291672	14.221				
1520-96-3	Perylene-d12	230965	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.369	
000057-10-3	n-Hexadecanoic acid	90.2	J			12.08	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MS	SDG No.:	BF052224
Lab Sample ID:	P2564-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138014.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	880		120	360	440	ug/Kg
110-86-1	Pyridine	780		110	170	230	ug/Kg
100-52-7	Benzaldehyde	260	J	240	360	440	ug/Kg
62-53-3	Aniline	700		130	170	230	ug/Kg
108-95-2	Phenol	950		110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	950		110	170	230	ug/Kg
95-57-8	2-Chlorophenol	960		110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	900		110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	890		110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	900		110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	970		110	360	440	ug/Kg
95-48-7	2-Methylphenol	910		110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		120	170	230	ug/Kg
98-86-2	Acetophenone	980		120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	930		110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	970		53.4	110	110	ug/Kg
67-72-1	Hexachloroethane	880		110	170	230	ug/Kg
98-95-3	Nitrobenzene	900		120	170	230	ug/Kg
78-59-1	Isophorone	950		110	170	230	ug/Kg
88-75-5	2-Nitrophenol	960		130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	970		110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	910		100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	900		110	170	230	ug/Kg
65-85-0	Benzoic acid	720		310	360	440	ug/Kg
91-20-3	Naphthalene	920		110	170	230	ug/Kg
106-47-8	4-Chloroaniline	560		110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	890		110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MS	SDG No.:	BF052224
Lab Sample ID:	P2564-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138014.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	840		120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	850		100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	910		110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000		210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		94.7	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910		98.1	170	230	ug/Kg
92-52-4	1,1-Biphenyl	1100		120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	980		110	170	230	ug/Kg
88-74-4	2-Nitroaniline	950		130	170	230	ug/Kg
131-11-3	Dimethylphthalate	1000		110	170	230	ug/Kg
208-96-8	Acenaphthylene	1000		110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	920		110	170	230	ug/Kg
99-09-2	3-Nitroaniline	730		120	170	230	ug/Kg
83-32-9	Acenaphthene	920		110	170	230	ug/Kg
Total PAH	Total PAH	15280		1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	700		320	360	440	ug/Kg
100-02-7	4-Nitrophenol	1700		150	360	440	ug/Kg
132-64-9	Dibenzofuran	940		110	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	860		110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	780		220	170	460	ug/Kg
84-66-2	Diethylphthalate	990		110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		110	170	230	ug/Kg
86-73-7	Fluorene	900		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	750		140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	J	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		110	170	230	ug/Kg
103-33-3	Azobenzene	910		110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	950		110	170	230	ug/Kg
1912-24-9	Atrazine	1200		120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MS	SDG No.:	BF052224
Lab Sample ID:	P2564-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138014.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900		100	360	440	ug/Kg
85-01-8	Phenanthrene	1000		110	170	230	ug/Kg
120-12-7	Anthracene	1000		110	170	230	ug/Kg
86-74-8	Carbazole	990		110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	1100		110	170	230	ug/Kg
206-44-0	Fluoranthene	1100		110	170	230	ug/Kg
92-87-5	Benzidine	920		220	360	440	ug/Kg
129-00-0	Pyrene	840		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	1000		130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	880		130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1000		110	170	230	ug/Kg
218-01-9	Chrysene	1000		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	1100		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770		110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	720		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		120	170	230	ug/Kg
123-91-1	1,4-Dioxane	740		150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		99	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	840		110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.448		18-112		56	SPK: -150
13127-88-3	Phenol-d6	83.962		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	56.282		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	65.93		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MS	SDG No.:	BF052224
Lab Sample ID:	P2564-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138014.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.644		10-110		50	SPK: -150
1718-51-0	Terphenyl-d14	49.096		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139638	7.033				
1146-65-2	Naphthalene-d8	523313	8.316				
15067-26-2	Acenaphthene-d10	246560	10.08				
1517-22-2	Phenanthrene-d10	350146	11.574				
1719-03-5	Chrysene-d12	281097	14.227				
1520-96-3	Perylene-d12	210111	15.792				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MSD	SDG No.:	BF052224
Lab Sample ID:	P2564-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138015.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		120	360	440	ug/Kg
110-86-1	Pyridine	850		110	170	230	ug/Kg
100-52-7	Benzaldehyde	280	J	240	360	440	ug/Kg
62-53-3	Aniline	760		130	170	230	ug/Kg
108-95-2	Phenol	1000		110	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		110	170	230	ug/Kg
95-57-8	2-Chlorophenol	1000		110	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	990		110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	970		110	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	980		110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	1100		110	360	440	ug/Kg
95-48-7	2-Methylphenol	1000		110	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		120	170	230	ug/Kg
98-86-2	Acetophenone	1100		120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	980		110	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		53.4	110	110	ug/Kg
67-72-1	Hexachloroethane	910		110	170	230	ug/Kg
98-95-3	Nitrobenzene	1000		120	170	230	ug/Kg
78-59-1	Isophorone	1100		110	170	230	ug/Kg
88-75-5	2-Nitrophenol	1000		130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		120	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		110	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	990		100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980		110	170	230	ug/Kg
65-85-0	Benzoic acid	790		310	360	440	ug/Kg
91-20-3	Naphthalene	1000		110	170	230	ug/Kg
106-47-8	4-Chloroaniline	630		110	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	1000		110	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MSD	SDG No.:	BF052224
Lab Sample ID:	P2564-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138015.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	950		120	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		100	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	980		110	170	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	760		210	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		94.6	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		98.1	170	230	ug/Kg
92-52-4	1,1-Biphenyl	1200		120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	1100		110	170	230	ug/Kg
88-74-4	2-Nitroaniline	1100		130	170	230	ug/Kg
131-11-3	Dimethylphthalate	1200		110	170	230	ug/Kg
208-96-8	Acenaphthylene	1100		110	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		110	170	230	ug/Kg
99-09-2	3-Nitroaniline	890		120	170	230	ug/Kg
83-32-9	Acenaphthene	990		110	170	230	ug/Kg
Total PAH	Total PAH	17010		1760	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	500		320	360	440	ug/Kg
100-02-7	4-Nitrophenol	1900		150	360	440	ug/Kg
132-64-9	Dibenzofuran	1000		110	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	930		220	170	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	930		110	170	230	ug/Kg
84-66-2	Diethylphthalate	1100		110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		110	170	230	ug/Kg
86-73-7	Fluorene	990		110	170	230	ug/Kg
100-01-6	4-Nitroaniline	920		140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	J	160	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		110	170	230	ug/Kg
103-33-3	Azobenzene	1000		110	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		100	170	230	ug/Kg
118-74-1	Hexachlorobenzene	1000		110	170	230	ug/Kg
1912-24-9	Atrazine	1300		120	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MSD	SDG No.:	BF052224
Lab Sample ID:	P2564-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138015.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100		100	360	440	ug/Kg
85-01-8	Phenanthrene	1100		110	170	230	ug/Kg
120-12-7	Anthracene	1100		110	170	230	ug/Kg
86-74-8	Carbazole	1100		110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	1200		110	170	230	ug/Kg
206-44-0	Fluoranthene	1300		110	170	230	ug/Kg
92-87-5	Benzidine	1500		220	360	440	ug/Kg
129-00-0	Pyrene	940		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	1200		130	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		130	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1100		110	170	230	ug/Kg
218-01-9	Chrysene	1100		110	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		120	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		150	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		110	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	1200		120	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		100	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	910		110	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		110	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		120	170	230	ug/Kg
123-91-1	1,4-Dioxane	830		150	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		99	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	900		110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.016		18-112		61	SPK: -150
13127-88-3	Phenol-d6	90.666		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	62.244		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	73.88		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	HD-01-05212024MSD	SDG No.:	BF052224
Lab Sample ID:	P2564-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
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
BF138015.D	2	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.338		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	55.21		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131201	7.034				
1146-65-2	Naphthalene-d8	475528	8.322				
15067-26-2	Acenaphthene-d10	215360	10.08				
1517-22-2	Phenanthrene-d10	314490	11.574				
1719-03-5	Chrysene-d12	257594	14.227				
1520-96-3	Perylene-d12	185917	15.792				

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	EO-01-052124	SDG No.:	BF052224
Lab Sample ID:	P2555-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF138016.D	10	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

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	510	U	510	830	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1700	2100	ug/Kg
62-53-3	Aniline	620	U	620	830	1100	ug/Kg
108-95-2	Phenol	530	U	530	830	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	530	U	530	830	1100	ug/Kg
95-57-8	2-Chlorophenol	530	U	530	830	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	540	U	540	830	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	830	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	550	U	550	830	1100	ug/Kg
100-51-6	Benzyl Alcohol	530	U	530	1700	2100	ug/Kg
95-48-7	2-Methylphenol	510	U	510	830	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	580	U	580	830	1100	ug/Kg
98-86-2	Acetophenone	550	U	550	830	1100	ug/Kg
65794-96-9	3+4-Methylphenols	510	U	510	1700	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	510	510	ug/Kg
67-72-1	Hexachloroethane	530	U	530	830	1100	ug/Kg
98-95-3	Nitrobenzene	580	U	580	830	1100	ug/Kg
78-59-1	Isophorone	540	U	540	830	1100	ug/Kg
88-75-5	2-Nitrophenol	600	U	600	830	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	830	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	550	U	550	830	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	830	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	540	U	540	830	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2100	ug/Kg
91-20-3	Naphthalene	530	U	530	830	1100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	830	1100	ug/Kg
87-68-3	Hexachlorobutadiene	530	U	530	830	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	EO-01-052124	SDG No.:	BF052224
Lab Sample ID:	P2555-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF138016.D	10	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

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	830	1100	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	830	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990	U	990	1700	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	450	830	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	470	U	470	830	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	830	1100	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	830	1100	ug/Kg
88-74-4	2-Nitroaniline	600	U	600	830	1100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	830	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	830	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	530	U	530	830	1100	ug/Kg
99-09-2	3-Nitroaniline	570	U	570	830	1100	ug/Kg
83-32-9	Acenaphthene	520	U	520	830	1100	ug/Kg
Total PAH	Total PAH	8450	U	8450	830	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2100	ug/Kg
100-02-7	4-Nitrophenol	740	U	740	1700	2100	ug/Kg
132-64-9	Dibenzofuran	540	U	540	830	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	550	U	550	830	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	830	2200	ug/Kg
84-66-2	Diethylphthalate	510	U	510	830	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	540	U	540	830	1100	ug/Kg
86-73-7	Fluorene	540	U	540	830	1100	ug/Kg
100-01-6	4-Nitroaniline	680	U	680	830	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	740	U	740	1700	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	520	U	520	830	1100	ug/Kg
103-33-3	Azobenzene	510	U	510	830	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	500	U	500	830	1100	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	830	1100	ug/Kg
1912-24-9	Atrazine	580	U	580	830	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	EO-01-052124	SDG No.:	BF052224
Lab Sample ID:	P2555-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138016.D	10	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

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	830	1100	ug/Kg
120-12-7	Anthracene	540	U	540	830	1100	ug/Kg
86-74-8	Carbazole	510	U	510	830	1100	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	830	1100	ug/Kg
206-44-0	Fluoranthene	520	J	520	830	1100	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2100	ug/Kg
129-00-0	Pyrene	530	U	530	830	1100	ug/Kg
85-68-7	Butylbenzylphthalate	620	U	620	830	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630	U	630	1700	2100	ug/Kg
56-55-3	Benzo(a)anthracene	510	U	510	830	1100	ug/Kg
218-01-9	Chrysene	510	U	510	830	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	580	U	580	830	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	700	U	700	1700	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	830	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	U	530	830	1100	ug/Kg
50-32-8	Benzo(a)pyrene	590	U	590	830	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	500	U	500	830	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520	U	520	830	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510	U	510	830	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	830	1100	ug/Kg
123-91-1	1,4-Dioxane	700	U	700	830	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	830	1100	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.34		18-112		62	SPK: -150
13127-88-3	Phenol-d6	91.19		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	62.18		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	76.9		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	EO-01-052124	SDG No.:	BF052224
Lab Sample ID:	P2555-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF138016.D	10	5/22/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161055

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.58		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	59.66		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123759	7.033				
1146-65-2	Naphthalene-d8	432894	8.316				
15067-26-2	Acenaphthene-d10	204127	10.08				
1517-22-2	Phenanthrene-d10	315962	11.574				
1719-03-5	Chrysene-d12	264651	14.227				
1520-96-3	Perylene-d12	201889	15.792				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.351	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	520	J			8.822	
000629-59-4	Tetradecane	680	J			9.463	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	450	J			9.78	
000629-92-5	Nonadecane	930	J			9.992	
000544-76-3	Hexadecane	1000	J			10.492	
000593-45-3	Octadecane	620	J			10.716	
000629-94-7	Heneicosane	1600	J			10.969	
000593-49-7	Heptacosane	920	J			11.421	
000629-78-7	Heptadecane	840	J			11.845	
000112-39-0	Hexadecanoic acid, methyl ester	2900	J			11.951	
000057-10-3	n-Hexadecanoic acid	1000	J			12.08	
1000406-31-9	Docosane, 1-iodo-	680	J			12.257	
002566-97-4	9,12-Octadecadienoic acid, methyl	6400	J			12.639	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	6800	J			12.663	
000057-11-4	Octadecanoic acid	540	J			12.868	
000629-99-2	Pentacosane	460	J			13.715	

Hit Summary Sheet SW-846

SDG No.: BF052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : POLE-SLEEVE-SOILDL								
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Benzo(a)anthracene	580.000	JD	340	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Benzo(a)pyrene	540.000	JD	390	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Benzo(b)fluoranthene	580.000	JD	340	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Butylbenzylphthalate	7,000.000	D	400	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Chrysene	560.000	JD	330	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Fluoranthene	1,200.000	D	340	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Phenanthrene	1,000.000	D	350	710	ug/Kg
P2538-01DL	POLE-SLEEVE-SOILDL	Solid	Pyrene	1,100.000	D	340	710	ug/Kg
Total Svoc :				12,560.00				
Total Concentration:				12,560.00				
Client ID : A852								
P2538-04	A852	Water	Butane, 2-methoxy-2-methyl-	*	140.000	J		
P2538-04	A852	Water	n-Hexadecanoic acid	*	2.300	J		
Total Tics :				142.30				
Total Concentration:				142.30				
Client ID : WCS-TPQ								
P2539-08	WCS-TPQ	water	Benzidine	1,600.000	E	40.7	100	ug/L
Total Svoc :				1,600.00				
Total Concentration:				1,600.00				
Client ID : EO-01-052124								
P2555-01	EO-01-052124	Solid	3-Ethyl-2,6,10-trimethylundecane	*	450.000	J		
P2555-01	EO-01-052124	Solid	9,12-Octadecadienoic acid, methyl	*	6,400.000	J		
P2555-01	EO-01-052124	Solid	9-Octadecenoic acid (Z)-, methyl	*	6,800.000	J		
P2555-01	EO-01-052124	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2555-01	EO-01-052124	Solid	Docosane, 1-iodo-	*	680.000	J		
P2555-01	EO-01-052124	Solid	Heneicosane	*	1,600.000	J		
P2555-01	EO-01-052124	Solid	Heptacosane	*	920.000	J		
P2555-01	EO-01-052124	Solid	Heptadecane	*	840.000	J		
P2555-01	EO-01-052124	Solid	Hexadecane	*	1,000.000	J		
P2555-01	EO-01-052124	Solid	Hexadecanoic acid, methyl ester	*	2,900.000	J		
P2555-01	EO-01-052124	Solid	n-Hexadecanoic acid	*	1,000.000	J		
P2555-01	EO-01-052124	Solid	Naphthalene, 1,2,3,4-tetrahydro-5-	*	520.000	J		
P2555-01	EO-01-052124	Solid	Nonadecane	*	930.000	J		
P2555-01	EO-01-052124	Solid	Octadecane	*	620.000	J		
P2555-01	EO-01-052124	Solid	Octadecanoic acid	*	540.000	J		
P2555-01	EO-01-052124	Solid	Pentacosane	*	460.000	J		

Hit Summary Sheet SW-846

SDG No.: BF052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2555-01	EO-01-052124	Solid	Tetradecane	*	680.000	J		
			Total Tics :		27,540.00			
P2555-01	EO-01-052124	Solid	Fluoranthene		520.000	J 520	1100	ug/Kg
			Total Svoc :		520.00			
			Total Concentration:		28,060.00			
Client ID : OILY-WATER								
P2563-03	OILY-WATER	Water	.alpha.-Hydroxyisobutyric acid, ac	*	3.400	J		
P2563-03	OILY-WATER	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	3.700	J		
P2563-03	OILY-WATER	Water	1-Phenoxypropan-2-ol	*	2.200	J		
P2563-03	OILY-WATER	Water	3-Penten-2-one, 4-methyl-	*	14.900	A		
P2563-03	OILY-WATER	Water	Benzenepropanoic acid, .beta.-me	*	5.000	J		
P2563-03	OILY-WATER	Water	Butane, 2-methoxy-2-methyl-	*	92.300	J		
P2563-03	OILY-WATER	Water	Ethanol, 2-(2-butoxyethoxy)-	*	2.100	J		
P2563-03	OILY-WATER	Water	Ethanone, 1,1-(1,4-phenylene)bis-	*	2.200	J		
P2563-03	OILY-WATER	Water	n-Hexadecanoic acid	*	10.100	J		
P2563-03	OILY-WATER	Water	Octacosane, 2-methyl-	*	2.100	J		
P2563-03	OILY-WATER	Water	Octadecanoic acid	*	3.200	J		
P2563-03	OILY-WATER	Water	Pentanedioic acid, dimethyl ester	*	2.300	J		
P2563-03	OILY-WATER	Water	Triethyl citrate	*	8.700	J		
P2563-03	OILY-WATER	Water	unknown7.087	*	7.000	J		
			Total Tics :		159.20			
			Total Concentration:		159.20			
Client ID : HD-01-05212024								
P2564-01	HD-01-05212024	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2564-01	HD-01-05212024	Solid	n-Hexadecanoic acid	*	90.200	J		
			Total Tics :		1,190.20			
P2564-01	HD-01-05212024	Solid	Benzo(b)fluoranthene		120.000	J 110	230	ug/Kg
P2564-01	HD-01-05212024	Solid	Fluoranthene		150.000	J 110	230	ug/Kg
			Total Svoc :		270.00			
			Total Concentration:		1,460.20			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 : _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.503	0.501	0.516	0.496	0.495	0.505	1.8
Pyridine		1.050	1.087	1.182	1.160	1.147	1.144	4.8
2-Fluorophenol		1.264	1.212	1.237	1.157	1.118	1.177	5.3
Benzaldehyde			0.935	0.905	0.788	0.736	0.785	14.7
Aniline		1.265	1.259	1.333	1.293	1.279	1.297	2.5
Phenol-d6		1.601	1.511	1.525	1.414	1.372	1.450	6.6
Phenol		1.587	1.517	1.527	1.439	1.402	1.464	5.5
bis(2-Chloroethyl)ether		1.203	1.148	1.170	1.107	1.078	1.124	4.5
2-Chlorophenol		1.371	1.316	1.334	1.260	1.207	1.274	5.3
1,2-Dichlorobenzene		1.540	1.467	1.475	1.359	1.309	1.393	7.2
1,3-Dichlorobenzene		1.596	1.525	1.567	1.446	1.396	1.474	6.0
1,4-Dichlorobenzene		1.598	1.533	1.567	1.452	1.404	1.480	5.8
Benzyl Alcohol		1.024	0.995	1.045	1.012	0.980	1.005	2.4
2-Methylphenol		1.071	1.033	1.054	1.003	0.977	1.016	3.6
2,2-oxybis(1-Chloropropane)		1.475	1.427	1.444	1.371	1.317	1.382	4.9
Acetophenone		0.481	0.467	0.474	0.431	0.431	0.448	5.5
3+4-Methylphenols		1.456	1.382	1.411	1.315	1.261	1.331	6.5
n-Nitroso-di-n-propylamine	0.856	0.851	0.841	0.846	0.801	0.770	0.815	4.7
Nitrobenzene-d5		0.345	0.344	0.358	0.332	0.331	0.340	2.9
Hexachloroethane		0.524	0.500	0.531	0.500	0.480	0.501	4.1
Nitrobenzene		0.350	0.352	0.361	0.337	0.337	0.345	2.8
Isophorone		0.611	0.592	0.616	0.577	0.572	0.590	3.0
2-Nitrophenol		0.159	0.166	0.179	0.175	0.177	0.173	4.5
2,4-Dimethylphenol		0.226	0.220	0.232	0.220	0.221	0.223	2.0
bis(2-Chloroethoxy)methane		0.380	0.365	0.377	0.346	0.343	0.357	4.6
2,4-Dichlorophenol		0.273	0.283	0.296	0.280	0.274	0.280	2.8
1,2,4-Trichlorobenzene		0.334	0.316	0.329	0.304	0.300	0.313	4.4
Benzoic acid			0.148	0.177	0.190	0.195	0.189	12.9
Naphthalene		1.086	1.042	1.070	0.976	0.953	1.006	5.8
4-Chloroaniline		0.317	0.327	0.342	0.329	0.327	0.330	2.3
Hexachlorobutadiene		0.208	0.201	0.207	0.193	0.193	0.198	3.5
Caprolactam		0.080	0.080	0.081	0.083	0.079	0.081	2.3
4-Chloro-3-methylphenol		0.287	0.286	0.300	0.283	0.275	0.285	2.7
2-Methylnaphthalene		0.709	0.672	0.681	0.627	0.617	0.646	6.3
Hexachlorocyclopentadiene		0.171	0.176	0.210	0.213	0.220	0.207	11.4
2,4,6-Trichlorophenol		0.359	0.354	0.373	0.350	0.349	0.357	2.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.483	1.396	1.402	1.218	1.212	1.298	9.6
2,4,5-Trichlorophenol		0.393	0.387	0.407	0.389	0.380	0.390	2.2
1,1-Biphenyl		1.537	1.454	1.489	1.333	1.336	1.403	6.3
2-Chloronaphthalene		1.204	1.155	1.187	1.075	1.072	1.120	5.4
2-Nitroaniline		0.272	0.279	0.294	0.290	0.282	0.287	3.2
Dimethylphthalate		1.348	1.294	1.306	1.227	1.187	1.254	4.9
Acenaphthylene		1.709	1.646	1.709	1.575	1.546	1.610	4.8
2,6-Dinitrotoluene		0.286	0.285	0.298	0.288	0.282	0.288	1.7
3-Nitroaniline		0.281	0.274	0.288	0.284	0.277	0.281	1.7
Acenaphthene		1.131	1.070	1.114	1.033	1.029	1.064	4.0
2,4-Dinitrophenol			0.079	0.110	0.138	0.139	0.129	22.9
4-Nitrophenol		0.163	0.187	0.206	0.218	0.209	0.202	10.3
Dibenzofuran		1.681	1.619	1.644	1.497	1.464	1.549	6.2
2,4-Dinitrotoluene		0.346	0.371	0.385	0.385	0.364	0.372	3.8
Diethylphthalate		1.255	1.208	1.214	1.165	1.110	1.171	4.8
4-Chlorophenyl-phenylether		0.649	0.637	0.631	0.593	0.573	0.604	5.6
Fluorene		1.368	1.279	1.277	1.194	1.147	1.225	7.0
4-Nitroaniline		0.255	0.269	0.265	0.279	0.262	0.267	3.0
4,6-Dinitro-2-methylphenol			0.088	0.110	0.120	0.122	0.115	12.9
n-Nitrosodiphenylamine		0.644	0.616	0.649	0.592	0.603	0.613	4.0
Azobenzene		1.144	1.091	1.118	1.049	1.009	1.065	4.9
2,4,6-Tribromophenol		0.206	0.203	0.207	0.205	0.194	0.202	2.4
4-Bromophenyl-phenylether		0.226	0.217	0.230	0.211	0.216	0.219	3.0
Hexachlorobenzene		0.259	0.241	0.253	0.232	0.239	0.242	4.1
Atrazine		0.187	0.185	0.179	0.170	0.156	0.167	10.3
Pentachlorophenol		0.103	0.129	0.148	0.153	0.152	0.142	13.5
Phenanthrene		1.079	1.030	1.041	0.947	0.945	0.986	6.4
Anthracene		1.053	1.008	1.036	0.946	0.941	0.978	5.5
Carbazole		0.961	0.929	0.939	0.875	0.851	0.893	5.4
Di-n-butylphthalate		1.027	1.023	1.020	1.006	0.955	0.991	3.5
Fluoranthene		1.097	1.081	1.039	1.004	0.942	1.000	7.5
Benzidine			0.115	0.118	0.373	0.324	0.261	43.6
Pyrene		1.711	1.660	1.888	1.661	1.739	1.749	4.8
Terphenyl-d14		1.416	1.330	1.458	1.280	1.332	1.357	4.5
Butylbenzylphthalate		0.478	0.493	0.526	0.550	0.535	0.528	6.0
3,3-Dichlorobenzidine		0.301	0.311	0.364	0.349	0.368	0.351	9.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF051424 SAS No.: BF051424 SDG No.: BF051424
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 11:17 _____

LAB FILE ID:		RRF2.5 = BF137910.D			RRF005 = BF137911.D		RRF010 = BF137912.D	
		RRF020 = BF137913.D			RRF040 = BF137914.D		RRF050 = BF137915.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.278	1.270	1.317	1.230	1.232	1.265	2.3
Chrysene		1.269	1.211	1.261	1.165	1.171	1.210	3.4
Bis(2-ethylhexyl)phthalate		0.620	0.658	0.647	0.694	0.657	0.663	4.0
Di-n-octyl phthalate		0.780	0.803	0.833	0.931	0.933	0.896	10.2
Benzo(b)fluoranthene		1.198	1.187	1.165	1.207	1.110	1.158	3.7
Benzo(k)fluoranthene		1.233	1.210	1.193	1.127	1.071	1.138	6.5
Benzo(a)pyrene		0.978	0.948	1.018	0.996	0.975	0.989	2.4
Indeno(1,2,3-cd)pyrene		1.061	1.034	1.380	1.248	1.403	1.285	13.6
Dibenzo(a,h)anthracene		0.889	0.863	1.143	1.038	1.155	1.062	12.8
Benzo(g,h,i)perylene		0.931	0.895	1.202	1.070	1.223	1.115	13.5
1,2,4,5-Tetrachlorobenzene		0.587	0.547	0.567	0.518	0.527	0.544	4.7
1,4-Dioxane		0.531	0.510	0.525	0.507	0.488	0.510	2.8
2,3,4,6-Tetrachlorophenol		0.307	0.304	0.319	0.312	0.297	0.306	2.3
1-Methylnaphthalene		0.702	0.671	0.670	0.614	0.600	0.635	7.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDICCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 10:16

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	142006	7.045	550835	8.33	311581	10.09
	UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
	LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
	EPA SAMPLE NO.						
01	PB161030BL	139355	7.03	550979	8.32	315202	10.08
02	PB161030BS	158636	7.03	639717	8.32	367046	10.09
03	PB161028BL	154496	7.03	597588	8.32	343603	10.08
04	PB161028BS	158190	7.03	617430	8.32	353016	10.09
05	PB161028BSD	154652	7.03	611970	8.32	345009	10.09
06	PB161034BL	154349	7.03	609807	8.32	354100	10.08
07	PB161034BS	156935	7.03	631403	8.32	361308	10.09
08	WC-MH-AA	131089	7.03	502869	8.32	286207	10.08
09	WC-MH-AAMS	145521	7.03	573840	8.32	327704	10.09
10	WC-MH-AAMSD	145420	7.03	577813	8.32	325043	10.09
11	A852	136763	7.03	524520	8.32	302769	10.08
12	OILY-WATER	129085	7.03	491378	8.32	264791	10.08
13	WCS-TPN	133185	7.03	513269	8.32	293490	10.08
14	MH-B	134235	7.03	526018	8.32	297403	10.08
15	WCS-TPQ	142280	7.03	541192	8.32	314698	10.08
16	WCS-TPQ	140921	7.03	557390	8.32	318186	10.08
17	POLE-SLEEVE-SOILD	145440	7.03	553347	8.32	304910	10.08
18	HD-01-05212024	134902	7.03	490683	8.32	230084	10.08
19	HD-01-05212024MS	139638	7.03	523313	8.32	246560	10.08
20	HD-01-05212024MSD	131201	7.03	475528	8.32	215360	10.08
21	EO-01-052124	123759	7.03	432894	8.32	204127	10.08



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDICCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 20:56

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	142006	7.045	550835	8.33	311581	10.09
UPPER LIMIT	284012	7.545	1101670	8.828	623162	10.586
LOWER LIMIT	71003	6.545	275417.5	7.828	155790.5	9.586
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.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDCCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137995.D Time Analyzed: 10:16

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	130594	7.034	486830	8.32	276391	10.08
	UPPER LIMIT	261188	7.534	973660	8.822	552782	10.581
	LOWER LIMIT	65297	6.534	243415	7.822	138195.5	9.581
	EPA SAMPLE NO.						
01	PB161030BL	139355	7.03	550979	8.32	315202	10.08
02	PB161030BS	158636	7.03	639717	8.32	367046	10.09
03	PB161028BL	154496	7.03	597588	8.32	343603	10.08
04	PB161028BS	158190	7.03	617430	8.32	353016	10.09
05	PB161028BSD	154652	7.03	611970	8.32	345009	10.09
06	PB161034BL	154349	7.03	609807	8.32	354100	10.08
07	PB161034BS	156935	7.03	631403	8.32	361308	10.09
08	WC-MH-AA	131089	7.03	502869	8.32	286207	10.08
09	WC-MH-AAMS	145521	7.03	573840	8.32	327704	10.09
10	WC-MH-AAMSD	145420	7.03	577813	8.32	325043	10.09
11	A852	136763	7.03	524520	8.32	302769	10.08
12	OILY-WATER	129085	7.03	491378	8.32	264791	10.08
13	WCS-TPN	133185	7.03	513269	8.32	293490	10.08
14	MH-B	134235	7.03	526018	8.32	297403	10.08
15	WCS-TPQ	142280	7.03	541192	8.32	314698	10.08
16	WCS-TPQ	140921	7.03	557390	8.32	318186	10.08
17	POLE-SLEEVE-SOILD	145440	7.03	553347	8.32	304910	10.08
18	HD-01-05212024	134902	7.03	490683	8.32	230084	10.08
19	HD-01-05212024MS	139638	7.03	523313	8.32	246560	10.08
20	HD-01-05212024MSD	131201	7.03	475528	8.32	215360	10.08
21	EO-01-052124	123759	7.03	432894	8.32	204127	10.08



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDCCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137995.D Time Analyzed: 20:56

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	130594	7.034	486830	8.32	276391	10.08
UPPER LIMIT	261188	7.534	973660	8.822	552782	10.581
LOWER LIMIT	65297	6.534	243415	7.822	138195.5	9.581
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.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDICCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 10:16

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	535112	11.58	324526	14.227	256022	15.786
	UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
	LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
	EPA SAMPLE NO.						
01	PB161030BL	574613	11.58	373875	14.22	301404	15.79
02	PB161030BS	633899	11.58	389073	14.23	297271	15.79
03	PB161028BL	615834	11.58	395714	14.23	308093	15.79
04	PB161028BS	614670	11.58	365439	14.23	301176	15.79
05	PB161028BSD	614789	11.58	386835	14.23	295625	15.79
06	PB161034BL	637889	11.58	392326	14.23	302176	15.79
07	PB161034BS	636618	11.58	372232	14.23	302803	15.79
08	WC-MH-AA	498132	11.58	284526	14.23	242770	15.79
09	WC-MH-AAMS	562140	11.58	273280	14.23	304568	15.79
10	WC-MH-AAMSD	555813	11.58	268130	14.23	308674	15.79
11	A852	524928	11.58	269282	14.22	269103	15.79
12	OILY-WATER	457271	11.58	264047	14.22	111814 *	15.79
13	WCS-TPN	504178	11.58	269795	14.22	250678	15.79
14	MH-B	501017	11.58	279217	14.22	254013	15.79
15	WCS-TPQ	547817	11.58	291273	14.22	244440	15.79
16	WCS-TPQ	534844	11.57	275111	14.22	253328	15.79
17	POLE-SLEEVE-SOILDL	489309	11.57	283443	14.22	332241	15.79
18	HD-01-05212024	331606	11.57	291672	14.22	230965	15.79
19	HD-01-05212024MS	350146	11.57	281097	14.23	210111	15.79
20	HD-01-05212024MSD	314490	11.57	257594	14.23	185917	15.79
21	EO-01-052124	315962	11.57	264651	14.23	201889	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDICCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137914.D Time Analyzed: 20:56

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	535112	11.58	324526	14.227	256022	15.786
UPPER LIMIT	1070224	12.08	649052	14.727	512044	16.286
LOWER LIMIT	267556	11.08	162263	13.727	128011	15.286
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.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDCCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137995.D Time Analyzed: 10:16

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	464320	11.575	256629	14.227	244828	15.786
	UPPER LIMIT	928640	12.075	513258	14.727	489656	16.286
	LOWER LIMIT	232160	11.075	128314.5	13.727	122414	15.286
	EPA SAMPLE NO.						
01	PB161030BL	574613	11.58	373875	14.22	301404	15.79
02	PB161030BS	633899	11.58	389073	14.23	297271	15.79
03	PB161028BL	615834	11.58	395714	14.23	308093	15.79
04	PB161028BS	614670	11.58	365439	14.23	301176	15.79
05	PB161028BSD	614789	11.58	386835	14.23	295625	15.79
06	PB161034BL	637889	11.58	392326	14.23	302176	15.79
07	PB161034BS	636618	11.58	372232	14.23	302803	15.79
08	WC-MH-AA	498132	11.58	284526	14.23	242770	15.79
09	WC-MH-AAMS	562140	11.58	273280	14.23	304568	15.79
10	WC-MH-AAMSD	555813	11.58	268130	14.23	308674	15.79
11	A852	524928	11.58	269282	14.22	269103	15.79
12	OILY-WATER	457271	11.58	264047	14.22	111814 *	15.79
13	WCS-TPN	504178	11.58	269795	14.22	250678	15.79
14	MH-B	501017	11.58	279217	14.22	254013	15.79
15	WCS-TPQ	547817	11.58	291273	14.22	244440	15.79
16	WCS-TPQ	534844	11.57	275111	14.22	253328	15.79
17	POLE-SLEEVE-SOILDL	489309	11.57	283443	14.22	332241	15.79
18	HD-01-05212024	331606	11.57	291672	14.22	230965	15.79
19	HD-01-05212024MS	350146	11.57	281097	14.23	210111	15.79
20	HD-01-05212024MSD	314490	11.57	257594	14.23	185917	15.79
21	EO-01-052124	315962	11.57	264651	14.23	201889	15.79

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF052224 SAS No.: BF052224 SDG NO.: BF052224

EPA Sample No.: SSTDCCC040 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BF137995.D Time Analyzed: 20:56

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	464320	11.575	256629	14.227	244828	15.786
UPPER LIMIT	928640	12.075	513258	14.727	489656	16.286
LOWER LIMIT	232160	11.075	128314.5	13.727	122414	15.286
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.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161028BS	n-Nitrosodimethylamine	50	42	ug/L	84				55	108	
	Pyridine	50	37.2	ug/L	74				29	97	
	Benzaldehyde	50	58.8	ug/L	118				15	121	
	Aniline	50	31.8	ug/L	64				10	130	
	Phenol	50	43.6	ug/L	87				66	118	
	bis(2-Chloroethyl)ether	50	44	ug/L	88				62	103	
	2-Chlorophenol	50	44.7	ug/L	89				70	117	
	1,2-Dichlorobenzene	50	42.1	ug/L	84				72	102	
	1,3-Dichlorobenzene	50	40.3	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82				76	103	
	Benzyl Alcohol	50	46.8	ug/L	94		*		36	93	
	2-Methylphenol	50	43.6	ug/L	87				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.8	ug/L	90				52	103	
	Acetophenone	50	43.3	ug/L	87				60	104	
	3+4-Methylphenols	50	43.2	ug/L	86				67	106	
	N-Nitroso-di-n-propylamine	50	44.5	ug/L	89				57	107	
	Hexachloroethane	50	41.6	ug/L	83				76	118	
	Nitrobenzene	50	40.7	ug/L	81				58	106	
	Isophorone	50	44.3	ug/L	89				61	102	
	2-Nitrophenol	50	45.8	ug/L	92				70	115	
	2,4-Dimethylphenol	50	47.5	ug/L	95				67	130	
	bis(2-Chloroethoxy)methane	50	44.4	ug/L	89				58	109	
	2,4-Dichlorophenol	50	44.6	ug/L	89				66	115	
	1,2,4-Trichlorobenzene	50	41.9	ug/L	84				41	115	
	Benzoic acid	50	49.2	ug/L	98				10	125	
	Naphthalene	50	42.3	ug/L	85				64	107	
	4-Chloroaniline	50	18.1	ug/L	36				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	49.1	ug/L	98				58	128	
	4-Chloro-3-methylphenol	50	45.8	ug/L	92				65	114	
	2-Methylnaphthalene	50	43.5	ug/L	87				64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120				36	160	
	2,4,6-Trichlorophenol	50	46	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	44	ug/L	88				70	106	
	1,1-Biphenyl	50	43	ug/L	86				72	98	
	2-Chloronaphthalene	50	41.7	ug/L	83				59	106	
	2-Nitroaniline	50	44.7	ug/L	89				58	107	
	Dimethylphthalate	50	45.6	ug/L	91				64	103	
	Acenaphthylene	50	46.4	ug/L	93				65	108	
	2,6-Dinitrotoluene	50	44.2	ug/L	88				64	110	
3-Nitroaniline	50	32.6	ug/L	65				28	100		
Acenaphthene	50	47.6	ug/L	95				59	113		
Total PAH	800	736.3	ug/L	92				59	113		
2,4-Dinitrophenol	100	91.9	ug/L	92				64	132		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB161028BS	4-Nitrophenol	100	98.6	ug/L	99				68	116	
	Dibenzofuran	50	43.3	ug/L	87				65	106	
	2,4-Dinitrotoluene/2,6-Dinitro	100	91.1	ug/L	91				60	115	
	2,4-Dinitrotoluene	50	46.9	ug/L	94				60	115	
	Diethylphthalate	50	45.8	ug/L	92				63	105	
	4-Chlorophenyl-phenylether	50	44.1	ug/L	88				61	104	
	Fluorene	50	43.6	ug/L	87				64	107	
	4-Nitroaniline	50	43.7	ug/L	87				69	112	
	4,6-Dinitro-2-methylphenol	50	50.6	ug/L	101				62	132	
	N-Nitrosodiphenylamine	50	43.6	ug/L	87				61	109	
	Azobenzene	50	45.5	ug/L	91				59	106	
	4-Bromophenyl-phenylether	50	44.3	ug/L	89				73	103	
	Hexachlorobenzene	50	43.5	ug/L	87				73	106	
	Atrazine	50	55.1	ug/L	110				76	120	
	Pentachlorophenol	100	91.3	ug/L	91				47	114	
	Phenanthrene	50	44.1	ug/L	88				62	109	
	Anthracene	50	44.5	ug/L	89				65	110	
	Carbazole	50	43.9	ug/L	88				62	106	
	Di-n-butylphthalate	50	48	ug/L	96				64	106	
	Fluoranthene	50	44.5	ug/L	89				64	110	
	Benzidine	100	21.4	ug/L	21				10	94	
	Pyrene	50	43.2	ug/L	86				71	103	
	Butylbenzylphthalate	50	52.5	ug/L	105				61	105	
	3,3-Dichlorobenzidine	50	32.5	ug/L	65				43	108	
	Benzo(a)anthracene	50	46.7	ug/L	93				62	107	
	Chrysene	50	45.1	ug/L	90				61	108	
	bis(2-Ethylhexyl)phthalate	50	52.7	ug/L	105				59	110	
	Di-n-octyl phthalate	50	54	ug/L	108				67	126	
	Benzo(b)fluoranthene	50	47.9	ug/L	96				77	113	
	Benzo(k)fluoranthene	50	49.7	ug/L	99				64	113	
	Benzo(a)pyrene	50	50.6	ug/L	101				72	131	
	Indeno(1,2,3-cd)pyrene	50	48	ug/L	96				72	105	
	Dibenz(a,h)anthracene	50	48.5	ug/L	97				78	115	
	Benzo(g,h,i)perylene	50	43.6	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.1	ug/L	86				72	101	
	1,4-Dioxane	50	33.8	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.3	ug/L	97				63	116	
	1-Methylnaphthalene	50	40.9	ug/L	82				51	114	
PB161028BSD	n-Nitrosodimethylamine	50	42	ug/L	84	0			55	108	20
	Pyridine	50	37.3	ug/L	75	0			29	97	20
	Benzaldehyde	50	59.1	ug/L	118	1			15	121	20
	Aniline	50	31.9	ug/L	64	0			10	130	20
	Phenol	50	43.3	ug/L	87	1			66	118	20
	bis(2-Chloroethyl)ether	50	44.2	ug/L	88	0			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161028BSD	2-Chlorophenol	50	44.9	ug/L	90	0			70	117	20
	1,2-Dichlorobenzene	50	42.1	ug/L	84	0			72	102	20
	1,3-Dichlorobenzene	50	40.7	ug/L	81	1			71	103	20
	1,4-Dichlorobenzene	50	41.2	ug/L	82	0			76	103	20
	Benzyl Alcohol	50	47.1	ug/L	94	1	*		36	93	20
	2-Methylphenol	50	44.5	ug/L	89	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	44.3	ug/L	89	1			52	103	20
	Acetophenone	50	42.6	ug/L	85	2			60	104	20
	3+4-Methylphenols	50	43.3	ug/L	87	0			67	106	20
	N-Nitroso-di-n-propylamine	50	44.9	ug/L	90	1			57	107	20
	Hexachloroethane	50	41.2	ug/L	82	1			76	118	20
	Nitrobenzene	50	40.8	ug/L	82	0			58	106	20
	Isophorone	50	43.7	ug/L	87	1			61	102	20
	2-Nitrophenol	50	45.6	ug/L	91	0			70	115	20
	2,4-Dimethylphenol	50	47.4	ug/L	95	0			67	130	20
	bis(2-Chloroethoxy)methane	50	43.3	ug/L	87	3			58	109	20
	2,4-Dichlorophenol	50	43.9	ug/L	88	2			66	115	20
	1,2,4-Trichlorobenzene	50	41.3	ug/L	83	1			41	115	20
	Benzoic acid	50	50.9	ug/L	102	3			10	125	20
	Naphthalene	50	41.4	ug/L	83	2			64	107	20
	4-Chloroaniline	50	18	ug/L	36	1			10	85	20
	Hexachlorobutadiene	50	39.8	ug/L	80	2			69	101	20
	Caprolactam	50	49.4	ug/L	99	1			58	128	20
	4-Chloro-3-methylphenol	50	45.3	ug/L	91	1			65	114	20
	2-Methylnaphthalene	50	43	ug/L	86	1			64	107	20
	Hexachlorocyclopentadiene	100	120	ug/L	120	0			36	160	20
	2,4,6-Trichlorophenol	50	46	ug/L	92	0			61	110	20
	2,4,5-Trichlorophenol	50	45.5	ug/L	91	3			70	106	20
	1,1-Biphenyl	50	43.3	ug/L	87	1			72	98	20
	2-Chloronaphthalene	50	42	ug/L	84	1			59	106	20
	2-Nitroaniline	50	46.3	ug/L	93	4			58	107	20
	Dimethylphthalate	50	45.5	ug/L	91	0			64	103	20
	Acenaphthylene	50	46.7	ug/L	93	1			65	108	20
	2,6-Dinitrotoluene	50	44.9	ug/L	90	2			64	110	20
	3-Nitroaniline	50	33	ug/L	66	1			28	100	20
	Acenaphthene	50	48.5	ug/L	97	2			59	113	20
	Total PAH	800	736.4	ug/L	92	0			59	113	20
	2,4-Dinitrophenol	100	95.8	ug/L	96	4			64	132	20
	4-Nitrophenol	100	100	ug/L	100	1			68	116	20
	Dibenzofuran	50	44.4	ug/L	89	3			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	92.5	ug/L	93	2			60	115	20
	2,4-Dinitrotoluene	50	47.6	ug/L	95	1			60	115	20
	Diethylphthalate	50	46.7	ug/L	93	2			63	105	20
	4-Chlorophenyl-phenylether	50	44.5	ug/L	89	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB161028BSD	Fluorene	50	44.5	ug/L	89	2			64	107	20
	4-Nitroaniline	50	45.2	ug/L	90	3			69	112	20
	4,6-Dinitro-2-methylphenol	50	50.9	ug/L	102	1			62	132	20
	N-Nitrosodiphenylamine	50	43.8	ug/L	88	0			61	109	20
	Azobenzene	50	46.1	ug/L	92	1			59	106	20
	4-Bromophenyl-phenylether	50	43.9	ug/L	88	1			73	103	20
	Hexachlorobenzene	50	42.8	ug/L	86	2			73	106	20
	Atrazine	50	55.6	ug/L	111	1			76	120	20
	Pentachlorophenol	100	91.2	ug/L	91	0			47	114	20
	Phenanthrene	50	44	ug/L	88	0			62	109	20
	Anthracene	50	45.3	ug/L	91	2			65	110	20
	Carbazole	50	44.3	ug/L	89	1			62	106	20
	Di-n-butylphthalate	50	48	ug/L	96	0			64	106	20
	Fluoranthene	50	45.3	ug/L	91	2			64	110	20
	Benzidine	100	21.7	ug/L	22	1			10	94	20
	Pyrene	50	41.9	ug/L	84	3			71	103	20
	Butylbenzylphthalate	50	52.6	ug/L	105	0			61	105	20
	3,3-Dichlorobenzidine	50	32.4	ug/L	65	0			43	108	20
	Benzo(a)anthracene	50	46.1	ug/L	92	1			62	107	20
	Chrysene	50	44.7	ug/L	89	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	52	ug/L	104	1			59	110	20
	Di-n-octyl phthalate	50	52.3	ug/L	105	3			67	126	20
	Benzo(b)fluoranthene	50	48.3	ug/L	97	1			77	113	20
	Benzo(k)fluoranthene	50	50.3	ug/L	101	1			64	113	20
	Benzo(a)pyrene	50	50.6	ug/L	101	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.9	ug/L	96	0			72	105	20
	Dibenz(a,h)anthracene	50	47.5	ug/L	95	2			78	115	20
	Benzo(g,h,i)perylene	50	43.4	ug/L	87	0			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.2	ug/L	86	0			72	101	20
	1,4-Dioxane	50	33.6	ug/L	67	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	49.1	ug/L	98	2			63	116	20
	1-Methylnaphthalene	50	40.3	ug/L	81	1			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161030BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	2000	ug/Kg	118				10	147	
	Aniline	1700	1100	ug/Kg	65				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	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1600	ug/Kg	94				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	650	ug/Kg	38				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	4100	ug/Kg	124				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	24700	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161030BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				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	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	690	ug/Kg	21				10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1800	ug/Kg	106				63	111	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				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	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB161034BS	n-Nitrosodimethylamine	50	41.6	ug/L	83					55	108	
	Pyridine	50	36.9	ug/L	74					29	97	
	Benzaldehyde	50	59.4	ug/L	119					15	121	
	Aniline	50	32.1	ug/L	64					10	130	
	Phenol	50	43.5	ug/L	87					66	118	
	bis(2-Chloroethyl)ether	50	44.7	ug/L	89					62	103	
	2-Chlorophenol	50	45.3	ug/L	91					70	117	
	1,2-Dichlorobenzene	50	42.3	ug/L	85					72	102	
	1,3-Dichlorobenzene	50	40.5	ug/L	81					71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82					76	103	
	Benzyl Alcohol	50	46.9	ug/L	94		*			36	93	
	2-Methylphenol	50	44.4	ug/L	89					69	109	
	2,2-oxybis(1-Chloropropane)	50	44.8	ug/L	90					52	103	
	Acetophenone	50	42.6	ug/L	85					60	104	
	3+4-Methylphenols	50	43.7	ug/L	87					67	106	
	N-Nitroso-di-n-propylamine	50	45.3	ug/L	91					57	107	
	Hexachloroethane	50	42	ug/L	84					76	118	
	Nitrobenzene	50	40.3	ug/L	81					58	106	
	Isophorone	50	43.7	ug/L	87					61	102	
	2-Nitrophenol	50	45.3	ug/L	91					70	115	
	2,4-Dimethylphenol	50	46.9	ug/L	94					67	130	
	bis(2-Chloroethoxy)methane	50	43.6	ug/L	87					58	109	
	2,4-Dichlorophenol	50	44.4	ug/L	89					66	115	
	1,2,4-Trichlorobenzene	50	41	ug/L	82					41	115	
	Benzoic acid	50	49.8	ug/L	100					10	125	
	Naphthalene	50	41.1	ug/L	82					64	107	
	4-Chloroaniline	50	18	ug/L	36					10	85	
	Hexachlorobutadiene	50	40.3	ug/L	81					69	101	
	Caprolactam	50	48.3	ug/L	97					58	128	
	4-Chloro-3-methylphenol	50	45.1	ug/L	90					65	114	
	2-Methylnaphthalene	50	42.6	ug/L	85					64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120					36	160	
	2,4,6-Trichlorophenol	50	45.2	ug/L	90					61	110	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89					70	106	
	1,1-Biphenyl	50	42.7	ug/L	85					72	98	
	2-Chloronaphthalene	50	41.6	ug/L	83					59	106	
	2-Nitroaniline	50	44.8	ug/L	90					58	107	
	Dimethylphthalate	50	45.6	ug/L	91					64	103	
	Acenaphthylene	50	46.2	ug/L	92					65	108	
	2,6-Dinitrotoluene	50	44	ug/L	88					64	110	
	3-Nitroaniline	50	32	ug/L	64					28	100	
	Acenaphthene	50	47.7	ug/L	95					59	113	
	Total PAH	800	726.9	ug/L	91					59	113	
	2,4-Dinitrophenol	100	92.8	ug/L	93					64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161034BS	4-Nitrophenol	100	98.9	ug/L	99				68	116	
	Dibenzofuran	50	43.4	ug/L	87				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	90.8	ug/L	91				60	115	
	2,4-Dinitrotoluene	50	46.8	ug/L	94				60	115	
	Diethylphthalate	50	46.4	ug/L	93				63	105	
	4-Chlorophenyl-phenylether	50	44.5	ug/L	89				61	104	
	Fluorene	50	43.5	ug/L	87				64	107	
	4-Nitroaniline	50	43.9	ug/L	88				69	112	
	4,6-Dinitro-2-methylphenol	50	49.5	ug/L	99				62	132	
	N-Nitrosodiphenylamine	50	43.6	ug/L	87				61	109	
	Azobenzene	50	45.5	ug/L	91				59	106	
	4-Bromophenyl-phenylether	50	44.2	ug/L	88				73	103	
	Hexachlorobenzene	50	42.8	ug/L	86				73	106	
	Atrazine	50	54.7	ug/L	109				76	120	
	Pentachlorophenol	100	89.7	ug/L	90				47	114	
	Phenanthrene	50	43.5	ug/L	87				62	109	
	Anthracene	50	44	ug/L	88				65	110	
	Carbazole	50	43.3	ug/L	87				62	106	
	Di-n-butylphthalate	50	48.2	ug/L	96				64	106	
	Fluoranthene	50	43.9	ug/L	88				64	110	
	Benzidine	100	21.6	ug/L	22				10	94	
	Pyrene	50	43	ug/L	86				71	103	
	Butylbenzylphthalate	50	54	ug/L	108		*		61	105	
	3,3-Dichlorobenzidine	50	32.9	ug/L	66				43	108	
	Benzo(a)anthracene	50	46.2	ug/L	92				62	107	
	Chrysene	50	44.9	ug/L	90				61	108	
	bis(2-Ethylhexyl)phthalate	50	54.4	ug/L	109				59	110	
	Di-n-octyl phthalate	50	56.2	ug/L	112				67	126	
	Benzo(b)fluoranthene	50	48.5	ug/L	97				77	113	
	Benzo(k)fluoranthene	50	47.2	ug/L	94				64	113	
	Benzo(a)pyrene	50	49.9	ug/L	100				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	47.3	ug/L	95				78	115	
	Benzo(g,h,i)perylene	50	42.5	ug/L	85				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.8	ug/L	86				72	101	
	1,4-Dioxane	50	33.6	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	47.9	ug/L	96				63	116	
	1-Methylnaphthalene	50	40.5	ug/L	81				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161028BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052224

SAS No.: BF052224 SDG NO.: BF052224

Lab File ID: BF137998.D

Lab Sample ID: PB161028BL

Instrument ID: BNA_F

Date Extracted: 05/21/2024

Matrix: (soil/water) Water

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 11:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161028BS	PB161028BS	BF137999.D	05/22/2024
PB161028BSD	PB161028BSD	BF138000.D	05/22/2024
A852	P2538-04	BF138006.D	05/22/2024
OILY-WATER	P2563-03	BF138007.D	05/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161030BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052224

SAS No.: BF052224 SDG NO.: BF052224

Lab File ID: BF137996.D

Lab Sample ID: PB161030BL

Instrument ID: BNA_F

Date Extracted: 05/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 10:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161030BS	PB161030BS	BF137997.D	05/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161034BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052224

SAS No.: BF052224 SDG NO.: BF052224

Lab File ID: BF138001.D

Lab Sample ID: PB161034BL

Instrument ID: BNA_F

Date Extracted: 05/21/2024

Matrix: (soil/water) water

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 12:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161034BS	PB161034BS	BF138002.D	05/22/2024
WC-MH-AA	P2525-04	BF138003.D	05/22/2024
WC-MH-AAMS	P2525-04MS	BF138004.D	05/22/2024
WC-MH-AAMSD	P2525-04MSD	BF138005.D	05/22/2024
WCS-TPN	P2527-04	BF138008.D	05/22/2024
MH-B	P2531-04	BF138009.D	05/22/2024
WCS-TPQ	P2539-04	BF138010.D	05/22/2024
WCS-TPQ	P2539-08	BF138011.D	05/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

HD-01-05212024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF052224

SAS No.: BF052224 SDG NO.: BF052224

Lab File ID: BF138013.D

Lab Sample ID: P2564-01

Instrument ID: BNA_F

Date Extracted: 05/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 19:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
HD-01-05212024	P2564-01	BF138013.D	05/22/2024
HD-01-05212024MS	P2564-01MS	BF138014.D	05/22/2024
HD-01-05212024MSD	P2564-01MSD	BF138015.D	05/22/2024
EO-01-052124	P2555-01	BF138016.D	05/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2564-01MS	Client Sample ID:	HD-01-05212024MS					DataFile:	BF138014.D		
n-Nitrosodimethylamine	1100		880	ug/Kg	80				66	124	
Pyridine	1100		780	ug/Kg	71				45	119	
Benzaldehyde	1100		260	ug/Kg	24	*			26	163	
Aniline	1100		700	ug/Kg	64				10	88	
Phenol	1100		950	ug/Kg	86				67	126	
bis(2-Chloroethyl)ether	1100		950	ug/Kg	86				74	116	
2-Chlorophenol	1100		960	ug/Kg	87				61	138	
1,2-Dichlorobenzene	1100		900	ug/Kg	82				61	105	
1,3-Dichlorobenzene	1100		890	ug/Kg	81				62	101	
1,4-Dichlorobenzene	1100		900	ug/Kg	82				63	104	
Benzyl Alcohol	1100		970	ug/Kg	88				47	126	
2-Methylphenol	1100		910	ug/Kg	83				66	122	
2,2-oxybis(1-Chloropropane)	1100		970	ug/Kg	88				52	115	
Acetophenone	1100		980	ug/Kg	89				75	111	
3+4-Methylphenols	1100		930	ug/Kg	85				53	132	
N-Nitroso-di-n-propylamine	1100		970	ug/Kg	88				59	119	
Hexachloroethane	1100		880	ug/Kg	80				65	117	
Nitrobenzene	1100		900	ug/Kg	82				70	119	
Isophorone	1100		950	ug/Kg	86				76	122	
2-Nitrophenol	1100		960	ug/Kg	87				54	145	
2,4-Dimethylphenol	1100		1000	ug/Kg	91				83	144	
bis(2-Chloroethoxy)methane	1100		970	ug/Kg	88				68	112	
2,4-Dichlorophenol	1100		910	ug/Kg	83				72	118	
1,2,4-Trichlorobenzene	1100		900	ug/Kg	82				57	103	
Benzoic acid	1100		720	ug/Kg	65				50	104	
Naphthalene	1100		920	ug/Kg	84				72	110	
4-Chloroaniline	1100		560	ug/Kg	51				10	100	
Hexachlorobutadiene	1100		890	ug/Kg	81				66	114	
Caprolactam	1100		840	ug/Kg	76				51	134	
4-Chloro-3-methylphenol	1100		850	ug/Kg	77				57	132	
2-Methylnaphthalene	1100		910	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2200		1000	ug/Kg	45				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		910	ug/Kg	83				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		980	ug/Kg	89				67	118	
2-Nitroaniline	1100		950	ug/Kg	86				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		920	ug/Kg	84				70	125	
3-Nitroaniline	1100		730	ug/Kg	66				20	111	
Acenaphthene	1100		920	ug/Kg	84				70	121	
Total PAH	17600		15280	ug/Kg	87				70	121	
2,4-Dinitrophenol	2200		700	ug/Kg	32				16	160	
4-Nitrophenol	2200		1700	ug/Kg	77				45	133	
Dibenzofuran	1100		940	ug/Kg	85				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1780	ug/Kg	81				55	128	
2,4-Dinitrotoluene	1100		860	ug/Kg	78				55	128	
Diethylphthalate	1100		990	ug/Kg	90				70	112	
4-Chlorophenyl-phenylether	1100		940	ug/Kg	85				71	108	
Fluorene	1100		900	ug/Kg	82				68	116	
4-Nitroaniline	1100		750	ug/Kg	68				55	120	
4,6-Dinitro-2-methylphenol	1100		360	ug/Kg	33				32	145	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		910	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		950	ug/Kg	86				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		1900	ug/Kg	86				47	128	
Phenanthrene	1100		1000	ug/Kg	91				72	113	
Anthracene	1100		1000	ug/Kg	91				62	124	
Carbazole	1100		990	ug/Kg	90				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		1100	ug/Kg	100				59	125	
Benzydine	2200		920	ug/Kg	42				10	119	
Pyrene	1100		840	ug/Kg	76				52	128	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		880	ug/Kg	80				10	164	
Benzo(a)anthracene	1100		1000	ug/Kg	91				71	114	
Chrysene	1100		1000	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				66	127	
Di-n-octyl phthalate	1100		1500	ug/Kg	136	*			71	126	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				74	114	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		810	ug/Kg	74				61	125	
Dibenz(a,h)anthracene	1100		770	ug/Kg	70				67	130	
Benzo(g,h,i)perylene	1100		720	ug/Kg	65				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		740	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	1100		870	ug/Kg	79				56	133	
1-Methylnaphthalene	1100		840	ug/Kg	76				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2564-01MSD		Client Sample ID: HD-01-05212024MSD		DataFile: BF138015.D							
n-Nitrosodimethylamine	1100		970	ug/Kg	88		10		66	124	20
Pyridine	1100		850	ug/Kg	77		8		45	119	20
Benzaldehyde	1100		280	ug/Kg	25	*	4		26	163	20
Aniline	1100		760	ug/Kg	69		8		10	88	20
Phenol	1100		1000	ug/Kg	91		6		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		6		74	116	20
2-Chlorophenol	1100		1000	ug/Kg	91		4		61	138	20
1,2-Dichlorobenzene	1100		990	ug/Kg	90		9		61	105	20
1,3-Dichlorobenzene	1100		970	ug/Kg	88		8		62	101	20
1,4-Dichlorobenzene	1100		980	ug/Kg	89		8		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		13		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100		13		52	115	20
Acetophenone	1100		1100	ug/Kg	100		12		75	111	20
3+4-Methylphenols	1100		980	ug/Kg	89		5		53	132	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		3		59	119	20
Hexachloroethane	1100		910	ug/Kg	83		4		65	117	20
Nitrobenzene	1100		1000	ug/Kg	91		10		70	119	20
Isophorone	1100		1100	ug/Kg	100		15		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		4		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		9		83	144	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		13		68	112	20
2,4-Dichlorophenol	1100		990	ug/Kg	90		8		72	118	20
1,2,4-Trichlorobenzene	1100		980	ug/Kg	89		8		57	103	20
Benzoic acid	1100		790	ug/Kg	72		10		50	104	20
Naphthalene	1100		1000	ug/Kg	91		8		72	110	20
4-Chloroaniline	1100		630	ug/Kg	57		11		10	100	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		12		66	114	20
Caprolactam	1100		950	ug/Kg	86		12		51	134	20
4-Chloro-3-methylphenol	1100		910	ug/Kg	83		8		57	132	20
2-Methylnaphthalene	1100		980	ug/Kg	89		7		59	123	20
Hexachlorocyclopentadiene	2200		760	ug/Kg	35		25	*	10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		9		72	117	20
2,4,5-Trichlorophenol	1100		990	ug/Kg	90		8		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		9		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		12		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		15		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		18		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		9		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		8		70	125	20
3-Nitroaniline	1100		890	ug/Kg	81		20		20	111	20
Acenaphthene	1100		990	ug/Kg	90		7		70	121	20
Total PAH	17600		17010	ug/Kg	97		11		70	121	20
2,4-Dinitrophenol	2200		500	ug/Kg	23		33	*	16	160	20
4-Nitrophenol	2200		1900	ug/Kg	86		11		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		7		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1930	ug/Kg	88		8		55	128	20
2,4-Dinitrotoluene	1100		930	ug/Kg	85		9		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		11		70	112	20
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91		7		71	108	20
Fluorene	1100		990	ug/Kg	90		9		68	116	20
4-Nitroaniline	1100		920	ug/Kg	84		21	*	55	120	20
4,6-Dinitro-2-methylphenol	1100		200	ug/Kg	18	*	59	*	32	145	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		9		73	118	20
Azobenzene	1100		1000	ug/Kg	91		9		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		6		67	118	20
Atrazine	1100		1300	ug/Kg	118		8		79	127	20
Pentachlorophenol	2200		2100	ug/Kg	95		10		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		9		72	113	20
Anthracene	1100		1100	ug/Kg	100		9		62	124	20
Carbazole	1100		1100	ug/Kg	100		11		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		1300	ug/Kg	118		17		59	125	20
Benzidine	2200		1500	ug/Kg	68		47	*	10	119	20
Pyrene	1100		940	ug/Kg	85		11		52	128	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		18		64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		22	*	10	164	20
Benzo(a)anthracene	1100		1100	ug/Kg	100		9		71	114	20
Chrysene	1100		1100	ug/Kg	100		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1400	ug/Kg	127		15		66	127	20
Di-n-octyl phthalate	1100		1700	ug/Kg	155	*	13		71	126	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		9		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		9		74	114	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		9		70	142	20
Indeno(1,2,3-cd)pyrene	1100		940	ug/Kg	85		14		61	125	20
Dibenz(a,h)anthracene	1100		910	ug/Kg	83		17		67	130	20
Benzo(g,h,i)perylene	1100		840	ug/Kg	76		16		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		9		69	124	20
1,4-Dioxane	1100		830	ug/Kg	75		11		46	112	20
2,3,4,6-Tetrachlorophenol	1100		940	ug/Kg	85		7		56	133	20
1-Methylnaphthalene	1100		900	ug/Kg	82		8		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2525-04MS		Client Sample ID: WC-MH-AAMS		DataFile: BF138004.D							
n-Nitrosodimethylamine	500		450	ug/L	90				10	130	
Pyridine	500		340	ug/L	68				10	109	
Benzaldehyde	500		70.2	ug/L	14				10	137	
Aniline	500		200	ug/L	40				10	130	
Phenol	500		430	ug/L	86				10	130	
bis(2-Chloroethyl)ether	500		460	ug/L	92				29	141	
2-Chlorophenol	500		470	ug/L	94				23	127	
1,2-Dichlorobenzene	500		440	ug/L	88				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		430	ug/L	86				55	125	
Benzyl Alcohol	500		500	ug/L	100	*			31	94	
2-Methylphenol	500		470	ug/L	94				23	132	
2,2-oxybis(1-Chloropropane)	500		480	ug/L	96				36	141	
Acetophenone	500		460	ug/L	92				31	164	
3+4-Methylphenols	500		460	ug/L	92				17	136	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		430	ug/L	86				35	137	
Nitrobenzene	500		440	ug/L	88				40	134	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		480	ug/L	96				30	148	
2,4-Dimethylphenol	500		500	ug/L	100				17	143	
bis(2-Chloroethoxy)methane	500		470	ug/L	94				39	143	
2,4-Dichlorophenol	500		480	ug/L	96				22	146	
1,2,4-Trichlorobenzene	500		440	ug/L	88				66	110	
Benzoic acid	500		500	ug/L	100				10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		45.1	ug/L	9	*			10	95	
Hexachlorobutadiene	500		420	ug/L	84				52	125	
Caprolactam	500		480	ug/L	96				10	130	
4-Chloro-3-methylphenol	500		490	ug/L	98				17	148	
2-Methylnaphthalene	500		470	ug/L	94				38	146	
Hexachlorocyclopentadiene	1000		1300	ug/L	130				20	153	
2,4,6-Trichlorophenol	500		490	ug/L	98				46	139	
2,4,5-Trichlorophenol	500		480	ug/L	96				42	129	
1,1-Biphenyl	500		470	ug/L	94				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		490	ug/L	98				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		500	ug/L	100				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		110	ug/L	22				10	111	
Acenaphthene	500		510	ug/L	102				37	146	
Total PAH	8000		7500	ug/L	94				37	146	
2,4-Dinitrophenol	1000		970	ug/L	97				14	167	
4-Nitrophenol	1000		950	ug/L	95				10	130	
Dibenzofuran	500		470	ug/L	94				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		500	ug/L	100				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		970	ug/L	97				40	151	
Diethylphthalate	500		500	ug/L	100				41	148	
4-Chlorophenyl-phenylether	500		480	ug/L	96				38	149	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500		440	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	500		530	ug/L	106				32	175	
N-Nitrosodiphenylamine	500		460	ug/L	92				40	150	
Azobenzene	500		480	ug/L	96				72	112	
4-Bromophenyl-phenylether	500		480	ug/L	96				42	151	
Hexachlorobenzene	500		470	ug/L	94				60	129	
Atrazine	500		390	ug/L	78				20	162	
Pentachlorophenol	1000		970	ug/L	97				15	137	
Phenanthrene	500		470	ug/L	94				40	147	
Anthracene	500		490	ug/L	98				41	146	
Carbazole	500		440	ug/L	88				37	154	
Di-n-butylphthalate	500		510	ug/L	102				40	151	
Fluoranthene	500		450	ug/L	90				42	146	
Benzydine	1000		190	ug/L	19				10	130	
Pyrene	500		510	ug/L	102				41	149	
Butylbenzylphthalate	500		590	ug/L	118				39	155	
3,3-Dichlorobenzidine	500		150	ug/L	30				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		490	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	500		580	ug/L	116				33	160	
Di-n-octyl phthalate	500		660	ug/L	132				36	158	
Benzo(b)fluoranthene	500		480	ug/L	96				40	150	
Benzo(k)fluoranthene	500		490	ug/L	98				40	147	
Benzo(a)pyrene	500		530	ug/L	106				42	147	
Indeno(1,2,3-cd)pyrene	500		420	ug/L	84				30	166	
Dibenz(a,h)anthracene	500		410	ug/L	82				23	172	
Benzo(g,h,i)perylene	500		340	ug/L	68				27	167	
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92				89	102	
1,4-Dioxane	500		370	ug/L	74				38	130	
2,3,4,6-Tetrachlorophenol	500		510	ug/L	102				91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2525-04MSD		Client Sample ID: WC-MH-AAMSD		DataFile: BF138005.D							
n-Nitrosodimethylamine	500		450	ug/L	90		0		10	130	20
Pyridine	500		340	ug/L	68		0		10	109	20
Benzaldehyde	500		65.5	ug/L	13		7		10	137	20
Aniline	500		200	ug/L	40		0		10	130	20
Phenol	500		410	ug/L	82		5		10	130	20
bis(2-Chloroethyl)ether	500		450	ug/L	90		2		29	141	20
2-Chlorophenol	500		460	ug/L	92		2		23	127	20
1,2-Dichlorobenzene	500		440	ug/L	88		0		61	114	20
1,3-Dichlorobenzene	500		420	ug/L	84		2		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		2		55	125	20
Benzyl Alcohol	500		480	ug/L	96	*	4		31	94	20
2-Methylphenol	500		460	ug/L	92		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		470	ug/L	94		2		36	141	20
Acetophenone	500		450	ug/L	90		2		31	164	20
3+4-Methylphenols	500		450	ug/L	90		2		17	136	20
N-Nitroso-di-n-propylamine	500		470	ug/L	94		2		36	147	20
Hexachloroethane	500		430	ug/L	86		0		35	137	20
Nitrobenzene	500		420	ug/L	84		5		40	134	20
Isophorone	500		460	ug/L	92		2		39	146	20
2-Nitrophenol	500		480	ug/L	96		0		30	148	20
2,4-Dimethylphenol	500		490	ug/L	98		2		17	143	20
bis(2-Chloroethoxy)methane	500		460	ug/L	92		2		39	143	20
2,4-Dichlorophenol	500		460	ug/L	92		4		22	146	20
1,2,4-Trichlorobenzene	500		430	ug/L	86		2		66	110	20
Benzoic acid	500		480	ug/L	96		4		10	101	20
Naphthalene	500		430	ug/L	86		2		17	157	20
4-Chloroaniline	500		47.3	ug/L	9	*	0		10	95	20
Hexachlorobutadiene	500		410	ug/L	82		2		52	125	20
Caprolactam	500		460	ug/L	92		4		10	130	20
4-Chloro-3-methylphenol	500		470	ug/L	94		4		17	148	20
2-Methylnaphthalene	500		450	ug/L	90		4		38	146	20
Hexachlorocyclopentadiene	1000		1300	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	500		480	ug/L	96		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		2		38	154	20
2-Chloronaphthalene	500		450	ug/L	90		0		41	145	20
2-Nitroaniline	500		480	ug/L	96		2		39	151	20
Dimethylphthalate	500		480	ug/L	96		2		42	147	20
Acenaphthylene	500		490	ug/L	98		2		40	141	20
2,6-Dinitrotoluene	500		470	ug/L	94		0		43	148	20
3-Nitroaniline	500		120	ug/L	24		9		10	111	20
Acenaphthene	500		510	ug/L	102		0		37	146	20
Total PAH	8000		7350	ug/L	92		2		37	146	20
2,4-Dinitrophenol	1000		960	ug/L	96		1		14	167	20
4-Nitrophenol	1000		950	ug/L	95		0		10	130	20
Dibenzofuran	500		470	ug/L	94		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		500	ug/L	100		0		40	151	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		970	ug/L	97		0		40	151	20
Diethylphthalate	500		480	ug/L	96		4		41	148	20
4-Chlorophenyl-phenylether	500		470	ug/L	94		2		38	149	20
Fluorene	500		470	ug/L	94		0		39	144	20
4-Nitroaniline	500		440	ug/L	88		0		27	138	20
4,6-Dinitro-2-methylphenol	500		530	ug/L	106		0		32	175	20
N-Nitrosodiphenylamine	500		460	ug/L	92		0		40	150	20
Azobenzene	500		480	ug/L	96		0		72	112	20
4-Bromophenyl-phenylether	500		470	ug/L	94		2		42	151	20
Hexachlorobenzene	500		470	ug/L	94		0		60	129	20
Atrazine	500		390	ug/L	78		0		20	162	20
Pentachlorophenol	1000		960	ug/L	96		1		15	137	20
Phenanthrene	500		460	ug/L	92		2		40	147	20
Anthracene	500		480	ug/L	96		2		41	146	20
Carbazole	500		430	ug/L	86		2		37	154	20
Di-n-butylphthalate	500		500	ug/L	100		2		40	151	20
Fluoranthene	500		440	ug/L	88		2		42	146	20
Benzydine	1000		230	ug/L	23		19		10	130	20
Pyrene	500		500	ug/L	100		2		41	149	20
Butylbenzylphthalate	500		580	ug/L	116		2		39	155	20
3,3-Dichlorobenzidine	500		200	ug/L	40		29	*	10	114	20
Benzo(a)anthracene	500		490	ug/L	98		2		41	147	20
Chrysene	500		490	ug/L	98		0		44	144	20
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114		2		33	160	20
Di-n-octyl phthalate	500		670	ug/L	134		2		36	158	20
Benzo(b)fluoranthene	500		500	ug/L	100		4		40	150	20
Benzo(k)fluoranthene	500		450	ug/L	90		9		40	147	20
Benzo(a)pyrene	500		510	ug/L	102		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		400	ug/L	80		5		30	166	20
Dibenz(a,h)anthracene	500		400	ug/L	80		2		23	172	20
Benzo(g,h,i)perylene	500		330	ug/L	66		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92		0		89	102	20
1,4-Dioxane	500		360	ug/L	72		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		500	ug/L	100		2		91	111	20
1-Methylnaphthalene	500		430	ug/L	86		2		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF052224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2538-04	A852	BF138006.D	2-Fluorophenol	150	57.01	38		10	139
			Phenol-d6	150	35.47	24		10	134
			Nitrobenzene-d5	100	85.71	86		49	133
			2-Fluorobiphenyl	100	82.90	83		52	132
			2,4,6-Tribromophenol	150	135.19	90		32	145
			Terphenyl-d14	100	88.98	89		36	145
P2563-03	OILY-WATER	BF138007.D	2-Fluorophenol	150	50.17	33		10	139
			Phenol-d6	150	31.95	21		10	134
			Nitrobenzene-d5	100	66.09	66		49	133
			2-Fluorobiphenyl	100	71.50	71		52	132
			2,4,6-Tribromophenol	150	123.70	82		32	145
			Terphenyl-d14	100	72.41	72		36	145
PB161028BL	PB161028BL	BF137998.D	2-Fluorophenol	150	128.85	86		10	139
			Phenol-d6	150	128.12	85		10	134
			Nitrobenzene-d5	100	86.36	86		49	133
			2-Fluorobiphenyl	100	85.02	85		52	132
			2,4,6-Tribromophenol	150	143.26	96		32	145
			Terphenyl-d14	100	86.42	86		36	145
PB161028BS	PB161028BS	BF137999.D	2-Fluorophenol	150	119.74	80		10	139
			Phenol-d6	150	119.41	80		10	134
			Nitrobenzene-d5	100	80.03	80		49	133
			2-Fluorobiphenyl	100	79.07	79		52	132
			2,4,6-Tribromophenol	150	135.43	90		32	145
			Terphenyl-d14	100	84.72	85		36	145
PB161028BSD	PB161028BSD	BF138000.D	2-Fluorophenol	150	119.47	80		10	139
			Phenol-d6	150	119.95	80		10	134
			Nitrobenzene-d5	100	79.78	80		49	133
			2-Fluorobiphenyl	100	79.74	80		52	132
			2,4,6-Tribromophenol	150	139.01	93		32	145
			Terphenyl-d14	100	80.95	81		36	145

Surrogate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2538-01DL	POLE-SLEEVE-SCBF138012.D		2-Fluorophenol	150	114.44	76		18	112
			Phenol-d6	150	114.52	76		15	107
			Nitrobenzene-d5	100	72.83	73		18	107
			2-Fluorobiphenyl	100	78.61	79		20	109
			2,4,6-Tribromophenol	150	94.69	63		10	110
			Terphenyl-d14	100	65.33	65		14	112
PB161030BL	PB161030BL	BF137996.D	2-Fluorophenol	150	132.83	89		18	112
			Phenol-d6	150	130.87	87		15	107
			Nitrobenzene-d5	100	87.60	88		18	107
			2-Fluorobiphenyl	100	86.28	86		20	109
			2,4,6-Tribromophenol	150	141.70	94		10	110
			Terphenyl-d14	100	85.01	85		14	112
PB161030BS	PB161030BS	BF137997.D	2-Fluorophenol	150	120.84	81		18	112
			Phenol-d6	150	122.38	82		15	107
			Nitrobenzene-d5	100	79.64	80		18	107
			2-Fluorobiphenyl	100	78.53	79		20	109
			2,4,6-Tribromophenol	150	137.28	92		10	110
			Terphenyl-d14	100	82.58	83		14	112

Surrogate Summary

SW-846

SDG No.: **BF052224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2525-04	WC-MH-AA	BF138003.D	2-Fluorophenol	150	127.53	85		10	139
			Phenol-d6	150	118.02	79		10	134
			Nitrobenzene-d5	100	91.54	92		49	133
			2-Fluorobiphenyl	100	91.08	91		52	132
			2,4,6-Tribromophenol	150	158.72	106		32	145
			Terphenyl-d14	100	94.98	95		36	145
P2525-04MS	WC-MH-AAMS	BF138004.D	2-Fluorophenol	150	122.75	82		10	139
			Phenol-d6	150	119.90	80		10	134
			Nitrobenzene-d5	100	88.75	89		49	133
			2-Fluorobiphenyl	100	86.52	87		52	132
			2,4,6-Tribromophenol	150	147.59	98		32	145
			Terphenyl-d14	100	100.16	100		36	145
P2525-04MSD	WC-MH-AAMSD	BF138005.D	2-Fluorophenol	150	120.00	80		10	139
			Phenol-d6	150	116.33	78		10	134
			Nitrobenzene-d5	100	85.77	86		49	133
			2-Fluorobiphenyl	100	84.68	85		52	132
			2,4,6-Tribromophenol	150	144.07	96		32	145
			Terphenyl-d14	100	98.33	98		36	145
P2527-04	WCS-TPN	BF138008.D	2-Fluorophenol	150	132.92	89		10	139
			Phenol-d6	150	128.16	85		10	134
			Nitrobenzene-d5	100	94.30	94		49	133
			2-Fluorobiphenyl	100	94.19	94		52	132
			2,4,6-Tribromophenol	150	160.69	107		32	145
			Terphenyl-d14	100	93.24	93		36	145
P2531-04	MH-B	BF138009.D	2-Fluorophenol	150	112.62	75		10	139
			Phenol-d6	150	102.39	68		10	134
			Nitrobenzene-d5	100	80.44	80		49	133
			2-Fluorobiphenyl	100	81.42	81		52	132
			2,4,6-Tribromophenol	150	132.85	89		32	145
			Terphenyl-d14	100	84.26	84		36	145
P2539-04	WCS-TPQ	BF138010.D	2-Fluorophenol	150	112.06	75		10	139
			Phenol-d6	150	102.72	68		10	134
			Nitrobenzene-d5	100	83.30	83		49	133
			2-Fluorobiphenyl	100	81.24	81		52	132
			2,4,6-Tribromophenol	150	137.16	91		32	145
			Terphenyl-d14	100	88.70	89		36	145
P2539-08		BF138011.D	2-Fluorophenol	150	115.53	77		10	139
			Phenol-d6	150	105.24	70		10	134
			Nitrobenzene-d5	100	82.46	82		49	133
			2-Fluorobiphenyl	100	81.80	82		52	132
			2,4,6-Tribromophenol	150	134.65	90		32	145
			Terphenyl-d14	100	91.04	91		36	145
PB161034BL	PB161034BL	BF138001.D	2-Fluorophenol	150	130.45	87		10	139
			Phenol-d6	150	130.70	87		10	134
			Nitrobenzene-d5	100	87.26	87		49	133
			2-Fluorobiphenyl	100	85.39	85		52	132
			2,4,6-Tribromophenol	150	142.30	95		32	145
			Terphenyl-d14	100	88.36	88		36	145
PB161034BS	PB161034BS	BF138002.D	2-Fluorophenol	150	119.40	80		10	139



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

Surrogate Summary

SW-846

SDG No.: BF052224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161034BS	PB161034BS	BF138002.D	Phenol-d6	150	119.88	80		10	134
			Nitrobenzene-d5	100	79.28	79		49	133
			2-Fluorobiphenyl	100	78.43	78		52	132
			2,4,6-Tribromophenol	150	136.38	91		32	145
			Terphenyl-d14	100	83.93	84		36	145

Surrogate Summary

SW-846

SDG No.: **BF052224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2555-01	EO-01-052124	BF138016.D	2-Fluorophenol	150	92.34	62		18	112
			Phenol-d6	150	91.19	61		15	107
			Nitrobenzene-d5	100	62.18	62		18	107
			2-Fluorobiphenyl	100	76.90	77		20	109
			2,4,6-Tribromophenol	150	85.58	57		10	110
			Terphenyl-d14	100	59.66	60		14	112
P2564-01	HD-01-05212024	BF138013.D	2-Fluorophenol	150	94.32	63		18	112
			Phenol-d6	150	93.69	62		15	107
			Nitrobenzene-d5	100	64.63	65		18	107
			2-Fluorobiphenyl	100	75.76	76		20	109
			2,4,6-Tribromophenol	150	84.37	56		10	110
			Terphenyl-d14	100	52.07	52		14	112
P2564-01MS	HD-01-05212024MBF138014.D		2-Fluorophenol	150	84.45	56		18	112
			Phenol-d6	150	83.96	56		15	107
			Nitrobenzene-d5	100	56.28	56		18	107
			2-Fluorobiphenyl	100	65.93	66		20	109
			2,4,6-Tribromophenol	150	75.64	50		10	110
			Terphenyl-d14	100	49.10	49		14	112
P2564-01MSD	HD-01-05212024MBF138015.D		2-Fluorophenol	150	92.02	61		18	112
			Phenol-d6	150	90.67	60		15	107
			Nitrobenzene-d5	100	62.24	62		18	107
			2-Fluorobiphenyl	100	73.88	74		20	109
			2,4,6-Tribromophenol	150	83.34	56		10	110
			Terphenyl-d14	100	55.21	55		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052224

Lab Code: CHEM

SAS No.: BF052224 SDG NO.: BF052224

Lab File ID: BF137994.D

DFTPP Injection Date: 05/22/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	92.9
443	15.0 - 24.0% of mass 442	17.9 (19.3) 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	BF137995.D	05/22/2024	09:46
PB161030BL	PB161030BL	BF137996.D	05/22/2024	10:16
PB161030BS	PB161030BS	BF137997.D	05/22/2024	10:45
PB161028BL	PB161028BL	BF137998.D	05/22/2024	11:14
PB161028BS	PB161028BS	BF137999.D	05/22/2024	11:44
PB161028BSD	PB161028BSD	BF138000.D	05/22/2024	12:14
PB161034BL	PB161034BL	BF138001.D	05/22/2024	12:43
PB161034BS	PB161034BS	BF138002.D	05/22/2024	13:13
WC-MH-AA	P2525-04	BF138003.D	05/22/2024	14:19
WC-MH-AAMS	P2525-04MS	BF138004.D	05/22/2024	14:49
WC-MH-AAMSD	P2525-04MSD	BF138005.D	05/22/2024	15:19
A852	P2538-04	BF138006.D	05/22/2024	15:50
OILY-WATER	P2563-03	BF138007.D	05/22/2024	16:21
WCS-TPN	P2527-04	BF138008.D	05/22/2024	16:51
MH-B	P2531-04	BF138009.D	05/22/2024	17:22
WCS-TPQ	P2539-04	BF138010.D	05/22/2024	17:52
WCS-TPQ	P2539-08	BF138011.D	05/22/2024	18:23
POLE-SLEEVE-SOILD	P2538-01DL	BF138012.D	05/22/2024	18:53

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF052224

Lab Code: CHEM

SAS No.: BF052224

SDG NO.: BF052224

Lab File ID: BF137994.D

DFTPP Injection Date: 05/22/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28.8
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	92.9
443	15.0 - 24.0% of mass 442	17.9 (19.3) 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
HD-01-05212024	P2564-01	BF138013.D	05/22/2024	19:25
HD-01-05212024MS	P2564-01MS	BF138014.D	05/22/2024	19:55
HD-01-05212024MSD	P2564-01MSD	BF138015.D	05/22/2024	20:26
EO-01-052124	P2555-01	BF138016.D	05/22/2024	20:56