

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080824 SAS No.: BF080824 SDG No.: BF080824

Instrument ID: BNA_F Calibration Date/Time: 8/8/2024 12:10:19

Lab File ID: BF138856.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	0.818	0.904		10.513	
Pyridine	1.374	1.221		-11.135	
2-Fluorophenol	1.296	1.292		-0.309	
Benzaldehyde	1.043	0.907		-13.039	
Aniline	1.551	1.491		-3.868	
Phenol-d6	1.740	1.701		-2.241	
Phenol	1.832	1.770		-3.332	20.0
bis(2-Chloroethyl) ether	1.409	1.288		-8.588	
2-Chlorophenol	1.363	1.360		-0.22	
1,2-Dichlorobenzene	1.439	1.467		1.946	
1,3-Dichlorobenzene	1.526	1.521		-0.328	
1,4-Dichlorobenzene	1.540	1.504		-2.338	20.0
Benzyl Alcohol	1.254	1.294		3.19	
2-Methylphenol	1.126	1.115		-0.977	
2,2-oxybis(1-Chloropropane)	2.426	2.032		-16.241	
Acetophenone	0.490	0.503		2.653	
3+4-Methylphenols	1.444	1.489		3.116	
n-Nitroso-di-n-propylamine	1.051	1.040	0.050	-1.047	
Nitrobenzene-d5	0.409	0.419		2.445	
Hexachloroethane	0.580	0.581		0.172	
Nitrobenzene	0.416	0.409		-1.683	
Isophorone	0.699	0.674		-3.577	
2-Nitrophenol	0.179	0.187		4.469	20.0
2,4-Dimethylphenol	0.214	0.215		0.467	
bis(2-Chloroethoxy) methane	0.425	0.396		-6.824	
2,4-Dichlorophenol	0.275	0.280		1.818	20.0
1,2,4-Trichlorobenzene	0.318	0.325		2.201	
Benzoic acid	0.168	0.140		-16.667	
Naphthalene	1.053	1.039		-1.33	
4-Chloroaniline	0.353	0.342		-3.116	
Hexachlorobutadiene	0.192	0.205		6.771	20.0
Caprolactam	0.082	0.083		1.22	
4-Chloro-3-methylphenol	0.315	0.322		2.222	20.0
2-Methylnaphthalene	0.665	0.668		0.451	
Hexachlorocyclopentadiene	0.120	0.177	0.050	47.5	
2,4,6-Trichlorophenol	0.339	0.347		2.36	20.0
2-Fluorobiphenyl	1.331	1.428		7.288	
2,4,5-Trichlorophenol	0.370	0.381		2.973	
1,1-Biphenyl	1.566	1.625		3.768	

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Lab File ID: BF138856.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.212		4.034	
2-Nitroaniline	0.395	0.416		5.316	
Dimethylphthalate	1.279	1.352		5.708	
Acenaphthylene	1.652	1.708		3.39	
2,6-Dinitrotoluene	0.289	0.315		8.997	
3-Nitroaniline	0.298	0.319		7.047	
Acenaphthene	1.111	1.150		3.51	20.0
2,4-Dinitrophenol	0.133	0.152	0.050	14.286	
4-Nitrophenol	0.179	0.204	0.050	13.966	
Dibenzofuran	1.568	1.630		3.954	
2,4-Dinitrotoluene	0.368	0.416		13.043	
Diethylphthalate	1.213	1.339		10.387	
4-Chlorophenyl-phenylether	0.614	0.662		7.818	
Fluorene	1.249	1.357		8.647	
4-Nitroaniline	0.284	0.310		9.155	
4,6-Dinitro-2-methylphenol	0.122	0.132		8.197	
n-Nitrosodiphenylamine	0.625	0.631		0.96	20.0
Azobenzene	1.345	1.387		3.123	
2,4,6-Tribromophenol	0.164	0.175		6.707	
4-Bromophenyl-phenylether	0.217	0.221		1.843	
Hexachlorobenzene	0.224	0.233		4.018	
Atrazine	0.161	0.152		-5.59	
Pentachlorophenol	0.101	0.114		12.871	20.0
Phenanthrene	1.030	1.049		1.845	
Anthracene	1.015	1.046		3.054	
Carbazole	0.875	0.906		3.543	
Di-n-butylphthalate	0.984	1.116		13.415	
Fluoranthene	0.961	0.994		3.434	20.0
Benzidine	0.478	0.495		3.556	
Pyrene	1.883	2.073		10.09	
Terphenyl-d14	1.195	1.336		11.799	
Butylbenzylphthalate	0.603	0.639		5.97	
3,3-Dichlorobenzidine	0.352	0.364		3.409	
Benzo(a)anthracene	1.377	1.425		3.486	
Chrysene	1.243	1.214		-2.333	
Bis(2-ethylhexyl)phthalate	0.883	0.781		-11.552	
Di-n-octyl phthalate	1.634	1.332		-18.482	20.0
Benzo(b)fluoranthene	1.240	1.340		8.065	
Benzo(k)fluoranthene	1.073	1.021		-4.846	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF080824 SAS No.: BF080824 SDG No.: BF080824

Instrument ID: BNA_F Calibration Date/Time: 8/8/2024 12:10:19

Lab File ID: BF138856.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.062		1.822	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.384		-3.419	
Dibenzo(a,h)anthracene	1.177	1.124		-4.503	
Benzo(g,h,i)perylene	1.221	1.139		-6.716	
1,2,4,5-Tetrachlorobenzene	0.556	0.593		6.655	
1,4-Dioxane	0.567	0.509		-10.229	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.290		2.473	
1-Methylnaphthalene	0.652	0.653		0.153	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BL	SDG No.:	BF080824
Lab Sample ID:	PB162396BL	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
BF138857.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BL	SDG No.:	BF080824
Lab Sample ID:	PB162396BL	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
BF138857.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BL	SDG No.:	BF080824
Lab Sample ID:	PB162396BL	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
BF138857.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

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	133.461		10-139		89	SPK: -150
13127-88-3	Phenol-d6	130.217		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	86.297		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.433		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BL	SDG No.:	BF080824
Lab Sample ID:	PB162396BL	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
BF138857.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.341		32-145		92	SPK: -150
1718-51-0	Terphenyl-d14	95.852		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42217	6.84				
1146-65-2	Naphthalene-d8	178455	8.122				
15067-26-2	Acenaphthene-d10	106067	9.875				
1517-22-2	Phenanthrene-d10	200709	11.357				
1719-03-5	Chrysene-d12	125540	13.998				
1520-96-3	Perylene-d12	84599	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.9	J			2.222	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.6	A			5.093	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BS	SDG No.:	BF080824
Lab Sample ID:	PB162396BS	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
BF138858.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	49.8		1	8	10	ug/L
110-86-1	Pyridine	33.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	39.1		4	8	10	ug/L
62-53-3	Aniline	33.9		1.6	4	5	ug/L
108-95-2	Phenol	48		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	47.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.8		1.4	4	5	ug/L
98-86-2	Acetophenone	44.2		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.9		1	4	5	ug/L
98-95-3	Nitrobenzene	44		1.3	4	5	ug/L
78-59-1	Isophorone	45.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	35.1		5.5	8	10	ug/L
91-20-3	Naphthalene	45.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.4		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BS	SDG No.:	BF080824
Lab Sample ID:	PB162396BS	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
BF138858.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	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	44.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.8		0.81	4	5	ug/L
Total PAH	Total PAH	768		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	93.8	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	82.8	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.5		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	49.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.2		2.7	4	10	ug/L
84-66-2	Diethylphthalate	50		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.8		0.98	4	5	ug/L
86-73-7	Fluorene	48.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	48.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.6		0.89	4	5	ug/L
103-33-3	Azobenzene	47		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.2		1.1	4	5	ug/L
1912-24-9	Atrazine	54.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BS	SDG No.:	BF080824
Lab Sample ID:	PB162396BS	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
BF138858.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	75.8		1.9	8	10	ug/L
85-01-8	Phenanthrene	48.5		0.89	4	5	ug/L
120-12-7	Anthracene	49.2		1.1	4	5	ug/L
86-74-8	Carbazole	47.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.6		1.3	4	5	ug/L
92-87-5	Benzidine	15.2		4.1	8	10	ug/L
129-00-0	Pyrene	50		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.6		0.94	4	5	ug/L
218-01-9	Chrysene	46.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	37.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	53.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.2		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.949		10-139		87	SPK: -150
13127-88-3	Phenol-d6	128.586		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.665		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	89.4		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BS	SDG No.:	BF080824
Lab Sample ID:	PB162396BS	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
BF138858.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.216		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	113.395		36-145		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50684	6.839				
1146-65-2	Naphthalene-d8	205625	8.122				
15067-26-2	Acenaphthene-d10	113495	9.875				
1517-22-2	Phenanthrene-d10	193771	11.363				
1719-03-5	Chrysene-d12	94221	13.998				
1520-96-3	Perylene-d12	86275	15.457				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BSD	SDG No.:	BF080824
Lab Sample ID:	PB162396BSD	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
BF138859.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.1		1	8	10	ug/L
110-86-1	Pyridine	33.5		1.6	4	5	ug/L
100-52-7	Benzaldehyde	40.2		4	8	10	ug/L
62-53-3	Aniline	34		1.6	4	5	ug/L
108-95-2	Phenol	46.7		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	48.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	44.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.2		1.4	4	5	ug/L
98-86-2	Acetophenone	44.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.7		1	4	5	ug/L
98-95-3	Nitrobenzene	43.8		1.3	4	5	ug/L
78-59-1	Isophorone	45.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	51.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	36.6		5.5	8	10	ug/L
91-20-3	Naphthalene	45.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BSD	SDG No.:	BF080824
Lab Sample ID:	PB162396BSD	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
BF138859.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	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	44.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.5		0.81	4	5	ug/L
Total PAH	Total PAH	769.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	94.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	81.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.3		0.98	4	5	ug/L
86-73-7	Fluorene	47.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.1		0.89	4	5	ug/L
103-33-3	Azobenzene	47.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46		1.1	4	5	ug/L
1912-24-9	Atrazine	54.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BSD	SDG No.:	BF080824
Lab Sample ID:	PB162396BSD	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
BF138859.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48		0.89	4	5	ug/L
120-12-7	Anthracene	49.1		1.1	4	5	ug/L
86-74-8	Carbazole	48.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.1		1.3	4	5	ug/L
92-87-5	Benzidine	16		4.1	8	10	ug/L
129-00-0	Pyrene	49.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.8		0.94	4	5	ug/L
218-01-9	Chrysene	45.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	37.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	53.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.6		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	47.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.7		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.8		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	43.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.861		10-139		87	SPK: -150
13127-88-3	Phenol-d6	129.339		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	86.179		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	87.914		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162396BSD	SDG No.:	BF080824
Lab Sample ID:	PB162396BSD	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
BF138859.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.395		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	113.357		36-145		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48975	6.84				
1146-65-2	Naphthalene-d8	200583	8.122				
15067-26-2	Acenaphthene-d10	111084	9.875				
1517-22-2	Phenanthrene-d10	190386	11.363				
1719-03-5	Chrysene-d12	93170	13.998				
1520-96-3	Perylene-d12	85060	15.457				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BL	SDG No.:	BF080824
Lab Sample ID:	PB162342BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138860.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BL	SDG No.:	BF080824
Lab Sample ID:	PB162342BL	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
BF138860.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BL	SDG No.:	BF080824
Lab Sample ID:	PB162342BL	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
BF138860.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

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	132.272		18-112		88	SPK: -150
13127-88-3	Phenol-d6	129.012		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	85.366		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	86.399		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BL	SDG No.:	BF080824
Lab Sample ID:	PB162342BL	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
BF138860.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.837		10-110		91	SPK: -150
1718-51-0	Terphenyl-d14	100.563		14-112		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44018	6.84				
1146-65-2	Naphthalene-d8	186487	8.116				
15067-26-2	Acenaphthene-d10	108815	9.869				
1517-22-2	Phenanthrene-d10	205081	11.357				
1719-03-5	Chrysene-d12	118845	13.998				
1520-96-3	Perylene-d12	82017	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.093	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BS	SDG No.:	BF080824
Lab Sample ID:	PB162342BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138861.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1400		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		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	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		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	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1200		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	670		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BS	SDG No.:	BF080824
Lab Sample ID:	PB162342BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138861.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	25600		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2600		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		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	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		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	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BS	SDG No.:	BF080824
Lab Sample ID:	PB162342BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138861.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	510		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		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	1400		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		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.095		18-112		87	SPK: -150
13127-88-3	Phenol-d6	129.751		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	86.157		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.738		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	PB162342BS	SDG No.:	BF080824
Lab Sample ID:	PB162342BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138861.D	1	7/29/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162342

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.684		10-110		90	SPK: -150
1718-51-0	Terphenyl-d14	112.412		14-112		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47949	6.84				
1146-65-2	Naphthalene-d8	200445	8.122				
15067-26-2	Acenaphthene-d10	112460	9.875				
1517-22-2	Phenanthrene-d10	189793	11.363				
1719-03-5	Chrysene-d12	93673	13.998				
1520-96-3	Perylene-d12	85672	15.457				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BL	SDG No.:	BF080824
Lab Sample ID:	PB162401BL	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
BF138862.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BL	SDG No.:	BF080824
Lab Sample ID:	PB162401BL	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
BF138862.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BL	SDG No.:	BF080824
Lab Sample ID:	PB162401BL	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
BF138862.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

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	152.024		10-139		101	SPK: -150
13127-88-3	Phenol-d6	147.096		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	102.527		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	102.44		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BL	SDG No.:	BF080824
Lab Sample ID:	PB162401BL	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
BF138862.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.518		32-145		105	SPK: -150
1718-51-0	Terphenyl-d14	125.412		36-145		125	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40207	6.839				
1146-65-2	Naphthalene-d8	162278	8.116				
15067-26-2	Acenaphthene-d10	93519	9.869				
1517-22-2	Phenanthrene-d10	170837	11.357				
1719-03-5	Chrysene-d12	96485	13.998				
1520-96-3	Perylene-d12	70734	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.3	J			2.222	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.6	A			5.093	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BS	SDG No.:	BF080824
Lab Sample ID:	PB162401BS	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
BF138863.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.5		1	8	10	ug/L
110-86-1	Pyridine	34		1.6	4	5	ug/L
100-52-7	Benzaldehyde	41.1		4	8	10	ug/L
62-53-3	Aniline	33.8		1.6	4	5	ug/L
108-95-2	Phenol	48.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.1		1.4	4	5	ug/L
98-86-2	Acetophenone	43.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.6		1	4	5	ug/L
98-95-3	Nitrobenzene	43.5		1.3	4	5	ug/L
78-59-1	Isophorone	44.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	47.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.8		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	33.5		5.5	8	10	ug/L
91-20-3	Naphthalene	44.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BS	SDG No.:	BF080824
Lab Sample ID:	PB162401BS	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
BF138863.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.2		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.9		0.81	4	5	ug/L
Total PAH	Total PAH	756.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	80.3	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.3		0.98	4	5	ug/L
86-73-7	Fluorene	48.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	45.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.6		0.89	4	5	ug/L
103-33-3	Azobenzene	46.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.8		1.1	4	5	ug/L
1912-24-9	Atrazine	54.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BS	SDG No.:	BF080824
Lab Sample ID:	PB162401BS	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
BF138863.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	72.9		1.9	8	10	ug/L
85-01-8	Phenanthrene	47.4		0.89	4	5	ug/L
120-12-7	Anthracene	48.9		1.1	4	5	ug/L
86-74-8	Carbazole	47.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.5		1.3	4	5	ug/L
92-87-5	Benzidine	15.8		4.1	8	10	ug/L
129-00-0	Pyrene	49		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	37.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.8		0.94	4	5	ug/L
218-01-9	Chrysene	46.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	37.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	39.3		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.6		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.131		10-139		89	SPK: -150
13127-88-3	Phenol-d6	133.078		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	84.208		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	88.103		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401BS	SDG No.:	BF080824
Lab Sample ID:	PB162401BS	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
BF138863.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.454		32-145		94	SPK: -150
1718-51-0	Terphenyl-d14	113.047		36-145		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48503	6.84				
1146-65-2	Naphthalene-d8	206341	8.122				
15067-26-2	Acenaphthene-d10	113225	9.875				
1517-22-2	Phenanthrene-d10	196298	11.363				
1719-03-5	Chrysene-d12	93827	13.998				
1520-96-3	Perylene-d12	88275	15.457				

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401TB	SDG No.:	BF080824
Lab Sample ID:	PB162401TB	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
BF138864.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401TB	SDG No.:	BF080824
Lab Sample ID:	PB162401TB	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
BF138864.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

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:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401TB	SDG No.:	BF080824
Lab Sample ID:	PB162401TB	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
BF138864.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

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	164.214		10-139		109	SPK: -150
13127-88-3	Phenol-d6	161.168		10-134		107	SPK: -150
4165-60-0	Nitrobenzene-d5	110.38		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	111.943		52-132		112	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162401TB	SDG No.:	BF080824
Lab Sample ID:	PB162401TB	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
BF138864.D	1	7/31/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	168.821		32-145		113	SPK: -150
1718-51-0	Terphenyl-d14	141.424		36-145		141	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37816	6.84				
1146-65-2	Naphthalene-d8	153802	8.122				
15067-26-2	Acenaphthene-d10	89125	9.869				
1517-22-2	Phenanthrene-d10	161361	11.357				
1719-03-5	Chrysene-d12	88311	13.998				
1520-96-3	Perylene-d12	64695	15.457				

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162421BS	SDG No.:	BF080824
Lab Sample ID:	PB162421BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138865.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1300		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		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	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1200		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	680		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg



Client:				Date Collected:	8/1/2024 12:00:00 AM	
Project:				Date Received:	8/1/2024 12:00:00 AM	
Client Sample ID:	PB162421BS			SDG No.:	BF080824	
Lab Sample ID:	PB162421BS			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
BF138865.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	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	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	25100		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2500		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	1600		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	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		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:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162421BS	SDG No.:	BF080824
Lab Sample ID:	PB162421BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138865.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	470		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		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	1500		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		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	1000		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	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.347		18-112		86	SPK: -150
13127-88-3	Phenol-d6	127.547		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	87.181		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.037		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	8/1/2024 12:00:00 AM
Project:		Date Received:	8/1/2024 12:00:00 AM
Client Sample ID:	PB162421BS	SDG No.:	BF080824
Lab Sample ID:	PB162421BS	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
BF138865.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.481		10-110		88	SPK: -150
1718-51-0	Terphenyl-d14	112.158		14-112		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50788	6.84				
1146-65-2	Naphthalene-d8	206401	8.122				
15067-26-2	Acenaphthene-d10	119512	9.875				
1517-22-2	Phenanthrene-d10	200005	11.363				
1719-03-5	Chrysene-d12	98145	14.004				
1520-96-3	Perylene-d12	88888	15.463				

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BS	SDG No.:	BF080824
Lab Sample ID:	PB162463BS	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
BF138866.D	1	8/2/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.1		1	8	10	ug/L
110-86-1	Pyridine	34.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	41.2		4	8	10	ug/L
62-53-3	Aniline	34.3		1.6	4	5	ug/L
108-95-2	Phenol	47.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	47.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.1		1.4	4	5	ug/L
98-86-2	Acetophenone	43.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.8		1	4	5	ug/L
98-95-3	Nitrobenzene	44		1.3	4	5	ug/L
78-59-1	Isophorone	44.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	36.6		5.5	8	10	ug/L
91-20-3	Naphthalene	44.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	18.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BS	SDG No.:	BF080824
Lab Sample ID:	PB162463BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138866.D	1	8/2/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	41.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	45.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	45.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	49.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	45.3		0.81	4	5	ug/L
Total PAH	Total PAH	753.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	87.8	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	79		2	8	10	ug/L
132-64-9	Dibenzofuran	47.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.7		0.98	4	5	ug/L
86-73-7	Fluorene	47.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	44.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.5		0.89	4	5	ug/L
103-33-3	Azobenzene	46.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.1		1.1	4	5	ug/L
1912-24-9	Atrazine	54.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BS	SDG No.:	BF080824
Lab Sample ID:	PB162463BS	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
BF138866.D	1	8/2/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	74		1.9	8	10	ug/L
85-01-8	Phenanthrene	47.8		0.89	4	5	ug/L
120-12-7	Anthracene	49.3		1.1	4	5	ug/L
86-74-8	Carbazole	46.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.4		1.3	4	5	ug/L
92-87-5	Benzidine	15.5		4.1	8	10	ug/L
129-00-0	Pyrene	48.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.7		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47		0.94	4	5	ug/L
218-01-9	Chrysene	47.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	37.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	43.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	37.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.1		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.178		10-139		89	SPK: -150
13127-88-3	Phenol-d6	129.684		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	85.446		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	89.601		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	PB162463BS	SDG No.:	BF080824
Lab Sample ID:	PB162463BS	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
BF138866.D	1	8/2/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162463

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.739		32-145		93	SPK: -150
1718-51-0	Terphenyl-d14	110.401		36-145		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48969	6.839				
1146-65-2	Naphthalene-d8	204092	8.122				
15067-26-2	Acenaphthene-d10	110072	9.88				
1517-22-2	Phenanthrene-d10	189484	11.363				
1719-03-5	Chrysene-d12	93153	14.004				
1520-96-3	Perylene-d12	86793	15.462				

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85	SDG No.:	BF080824
Lab Sample ID:	P3415-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138867.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.3	10.4	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.2	5.2	ug/L
100-52-7	Benzaldehyde	4.2	U	4.2	8.3	10.4	ug/L
62-53-3	Aniline	1.7	U	1.7	4.2	5.2	ug/L
108-95-2	Phenol	0.97	U	0.97	4.2	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.2	5.2	ug/L
95-57-8	2-Chlorophenol	0.74	U	0.74	4.2	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.92	U	0.92	4.2	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.83	U	0.83	4.2	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.88	U	0.88	4.2	5.2	ug/L
100-51-6	Benzyl Alcohol	1.7	U	1.7	8.3	10.4	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.2	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.2	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.2	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.3	10.4	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.2	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.2	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.2	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.2	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.2	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.2	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.92	U	0.92	4.2	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
65-85-0	Benzoic acid	5.7	U	5.7	8.3	10.4	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.2	5.2	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	4.2	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85	SDG No.:	BF080824
Lab Sample ID:	P3415-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138867.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.3	10.4	ug/L
59-50-7	4-Chloro-3-methylphenol	0.88	U	0.88	4.2	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.2	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.3	10.4	ug/L
88-06-2	2,4,6-Trichlorophenol	0.93	U	0.93	4.2	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.2	5.2	ug/L
92-52-4	1,1-Biphenyl	0.95	U	0.95	4.2	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.2	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.2	5.2	ug/L
131-11-3	Dimethylphthalate	0.97	U	0.97	4.2	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.2	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.2	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.2	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.2	5.2	ug/L
Total PAH	Total PAH	17.95	U	17.95	4.2	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.7	U	6.7	8.3	10.4	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.3	10.4	ug/L
132-64-9	Dibenzofuran	0.97	U	0.97	4.2	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.2	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.2	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.2	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.2	5.2	ug/L
86-73-7	Fluorene	1	U	1	4.2	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.2	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.3	10.4	ug/L
86-30-6	n-Nitrosodiphenylamine	0.93	U	0.93	4.2	5.2	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.2	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.99	U	0.99	4.2	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.2	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.2	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85	SDG No.:	BF080824
Lab Sample ID:	P3415-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138867.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.3	10.4	ug/L
85-01-8	Phenanthrene	0.93	U	0.93	4.2	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.2	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.2	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.2	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.2	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.3	10.4	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.2	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.2	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.3	10.4	ug/L
56-55-3	Benzo(a)anthracene	0.98	U	0.98	4.2	5.2	ug/L
218-01-9	Chrysene	0.9	U	0.9	4.2	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2	U	2	4.2	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.3	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.2	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.2	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.2	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.2	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.2	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.2	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.2	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.82	U	0.82	4.2	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.9	U	0.9	4.2	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	64.72		10-139		43	SPK: -150
13127-88-3	Phenol-d6	38.114		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	113.442		49-133		113	SPK: -100
321-60-8	2-Fluorobiphenyl	116.048		52-132		116	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-70-85	SDG No.:	BF080824
Lab Sample ID:	P3415-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	960	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
BF138867.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	183.646		32-145		122	SPK: -150
1718-51-0	Terphenyl-d14	146.357	*	36-145		146	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33370	6.84				
1146-65-2	Naphthalene-d8	136863	8.116				
15067-26-2	Acenaphthene-d10	76575	9.869				
1517-22-2	Phenanthrene-d10	138104	11.357				
1719-03-5	Chrysene-d12	77348	13.992				
1520-96-3	Perylene-d12	64673	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			5.057	
000111-76-2	Ethanol, 2-butoxy-	40.4	J			5.793	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	4.2	J			8.339	
000106-62-7	1-Propanol, 2-(2-hydroxypropoxy)-	4.7	J			8.363	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-106-121	SDG No.:	BF080824
Lab Sample ID:	P3416-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	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
BF138868.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.2	U	1.2	9	11.2	ug/L
110-86-1	Pyridine	1.7	U	1.7	4.5	5.6	ug/L
100-52-7	Benzaldehyde	4.5	U	4.5	9	11.2	ug/L
62-53-3	Aniline	1.8	U	1.8	4.5	5.6	ug/L
108-95-2	Phenol	1	U	1	4.5	5.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.3	U	1.3	4.5	5.6	ug/L
95-57-8	2-Chlorophenol	0.8	U	0.8	4.5	5.6	ug/L
95-50-1	1,2-Dichlorobenzene	0.99	U	0.99	4.5	5.6	ug/L
541-73-1	1,3-Dichlorobenzene	0.9	U	0.9	4.5	5.6	ug/L
106-46-7	1,4-Dichlorobenzene	0.94	U	0.94	4.5	5.6	ug/L
100-51-6	Benzyl Alcohol	1.8	U	1.8	9	11.2	ug/L
95-48-7	2-Methylphenol	1.3	U	1.3	4.5	5.6	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.5	U	1.5	4.5	5.6	ug/L
98-86-2	Acetophenone	1.2	U	1.2	4.5	5.6	ug/L
65794-96-9	3+4-Methylphenols	1.3	U	1.3	9	11.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.7	U	1.7	2.8	2.8	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	4.5	5.6	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	4.5	5.6	ug/L
78-59-1	Isophorone	1.3	U	1.3	4.5	5.6	ug/L
88-75-5	2-Nitrophenol	2.2	U	2.2	4.5	5.6	ug/L
105-67-9	2,4-Dimethylphenol	1.7	U	1.7	4.5	5.6	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.5	5.6	ug/L
120-83-2	2,4-Dichlorophenol	0.99	U	0.99	4.5	5.6	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.2	U	1.2	4.5	5.6	ug/L
65-85-0	Benzoic acid	6.1	U	6.1	9	11.2	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.5	5.6	ug/L
106-47-8	4-Chloroaniline	1.5	U	1.5	4.5	5.6	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	1.4	4.5	5.6	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-106-121	SDG No.:	BF080824
Lab Sample ID:	P3416-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	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
BF138868.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.9	U	1.9	9	11.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.94	U	0.94	4.5	5.6	ug/L
91-57-6	2-Methylnaphthalene	1.3	U	1.3	4.5	5.6	ug/L
77-47-4	Hexachlorocyclopentadiene	5.6	U	5.6	9	11.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1	U	1	4.5	5.6	ug/L
95-95-4	2,4,5-Trichlorophenol	1.1	U	1.1	4.5	5.6	ug/L
92-52-4	1,1-Biphenyl	1	U	1	4.5	5.6	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	4.5	5.6	ug/L
88-74-4	2-Nitroaniline	1.6	U	1.6	4.5	5.6	ug/L
131-11-3	Dimethylphthalate	1	U	1	4.5	5.6	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	4.5	5.6	ug/L
606-20-2	2,6-Dinitrotoluene	1.4	U	1.4	4.5	5.6	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	4.5	5.6	ug/L
83-32-9	Acenaphthene	0.91	U	0.91	4.5	5.6	ug/L
Total PAH	Total PAH	19.38	U	19.38	4.5	89.6	ug/L
51-28-5	2,4-Dinitrophenol	7.2	U	7.2	9	11.2	ug/L
100-02-7	4-Nitrophenol	2.2	U	2.2	9	11.2	ug/L
132-64-9	Dibenzofuran	1	U	1	4.5	5.6	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3.1	U	3.1	4.5	11.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.7	U	1.7	4.5	5.6	ug/L
84-66-2	Diethylphthalate	1.2	U	1.2	4.5	5.6	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	4.5	5.6	ug/L
86-73-7	Fluorene	1.1	U	1.1	4.5	5.6	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4.5	5.6	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.4	U	3.4	9	11.2	ug/L
86-30-6	n-Nitrosodiphenylamine	1	U	1	4.5	5.6	ug/L
103-33-3	Azobenzene	1.3	U	1.3	4.5	5.6	ug/L
101-55-3	4-Bromophenyl-phenylether	1.1	U	1.1	4.5	5.6	ug/L
118-74-1	Hexachlorobenzene	1.3	U	1.3	4.5	5.6	ug/L
1912-24-9	Atrazine	1.4	U	1.4	4.5	5.6	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-106-121	SDG No.:	BF080824
Lab Sample ID:	P3416-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890	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
BF138868.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2.1	U	2.1	9	11.2	ug/L
85-01-8	Phenanthrene	1	U	1	4.5	5.6	ug/L
120-12-7	Anthracene	1.2	U	1.2	4.5	5.6	ug/L
86-74-8	Carbazole	1.3	U	1.3	4.5	5.6	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	4.5	5.6	ug/L
206-44-0	Fluoranthene	1.4	U	1.4	4.5	5.6	ug/L
92-87-5	Benzidine	4.6	U	4.6	9	11.2	ug/L
129-00-0	Pyrene	1.2	U	1.2	4.5	5.6	ug/L
85-68-7	Butylbenzylphthalate	2.4	U	2.4	4.5	5.6	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	9	11.2	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	4.5	5.6	ug/L
218-01-9	Chrysene	0.97	U	0.97	4.5	5.6	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.1	U	2.1	4.5	5.6	ug/L
117-84-0	Di-n-octyl phthalate	2.8	U	2.8	9	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.3	U	1.3	4.5	5.6	ug/L
207-08-9	Benzo(k)fluoranthene	1.3	U	1.3	4.5	5.6	ug/L
50-32-8	Benzo(a)pyrene	1.9	U	1.9	4.5	5.6	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.5	5.6	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	4.5	5.6	ug/L
191-24-2	Benzo(g,h,i)perylene	1.3	U	1.3	4.5	5.6	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.2	U	1.2	4.5	5.6	ug/L
123-91-1	1,4-Dioxane	1.4	U	1.4	4.5	5.6	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.89	U	0.89	4.5	5.6	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	4.5	5.6	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.532		10-139		40	SPK: -150
13127-88-3	Phenol-d6	35.18		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	112.017		49-133		112	SPK: -100
321-60-8	2-Fluorobiphenyl	116.512		52-132		117	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-106-121	SDG No.:	BF080824
Lab Sample ID:	P3416-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	890 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
BF138868.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.032		32-145		111	SPK: -150
1718-51-0	Terphenyl-d14	136.706		36-145		137	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34958	6.839				
1146-65-2	Naphthalene-d8	140356	8.116				
15067-26-2	Acenaphthene-d10	75794	9.869				
1517-22-2	Phenanthrene-d10	130938	11.357				
1719-03-5	Chrysene-d12	67458	13.998				
1520-96-3	Perylene-d12	61661	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	3	J			3.898	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.7	A			5.051	
000111-76-2	Ethanol, 2-butoxy-	94.6	J			5.798	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	7.9	J			8.333	
117888-04-7	2,4-Diethyl-6-methyl-1,3,5-trioxan	10.3	J			8.363	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-135-150	SDG No.:	BF080824
Lab Sample ID:	P3416-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF138869.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-135-150	SDG No.:	BF080824
Lab Sample ID:	P3416-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF138869.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-135-150	SDG No.:	BF080824
Lab Sample ID:	P3416-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF138869.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.693		10-139		40	SPK: -150
13127-88-3	Phenol-d6	34.591		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	110.4		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	114.743		52-132		115	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-135-150	SDG No.:	BF080824
Lab Sample ID:	P3416-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF138869.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	175.989		32-145		117	SPK: -150
1718-51-0	Terphenyl-d14	150.086	*	36-145		150	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38008	6.839				
1146-65-2	Naphthalene-d8	153791	8.116				
15067-26-2	Acenaphthene-d10	85041	9.869				
1517-22-2	Phenanthrene-d10	150130	11.357				
1719-03-5	Chrysene-d12	73064	13.992				
1520-96-3	Perylene-d12	63069	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	240	J			2.14	
000108-88-3	Toluene	18.3	J			3.91	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.4	A			5.057	
000111-76-2	Ethanol, 2-butoxy-	150	J			5.81	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	15	J			8.339	
020324-32-7	2-Propanol, 1-(2-methoxy-1-methyle	20.6	J			8.363	

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-9999	SDG No.:	BF080824
Lab Sample ID:	P3416-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138870.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-9999	SDG No.:	BF080824
Lab Sample ID:	P3416-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138870.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-9999	SDG No.:	BF080824
Lab Sample ID:	P3416-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138870.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.757		10-139		42	SPK: -150
13127-88-3	Phenol-d6	37.066		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	112.227		49-133		112	SPK: -100
321-60-8	2-Fluorobiphenyl	115.499		52-132		115	SPK: -100

Report of Analysis

Client:		Date Collected:	7/30/2024 12:00:00 AM
Project:		Date Received:	7/30/2024 12:00:00 AM
Client Sample ID:	MLS-15-9999	SDG No.:	BF080824
Lab Sample ID:	P3416-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	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
BF138870.D	1	8/1/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	170.706		32-145		114	SPK: -150
1718-51-0	Terphenyl-d14	151.567	*	36-145		152	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38709	6.84				
1146-65-2	Naphthalene-d8	155682	8.116				
15067-26-2	Acenaphthene-d10	87215	9.869				
1517-22-2	Phenanthrene-d10	153003	11.357				
1719-03-5	Chrysene-d12	75662	13.998				
1520-96-3	Perylene-d12	62858	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	270	J			2.152	
000108-88-3	Toluene	3.2	J			3.916	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.9	A			5.057	
000111-76-2	Ethanol, 2-butoxy-	78.2	J			5.804	
000462-95-3	Methane, diethoxy-	6.2	J			8.334	
029911-28-2	2-Propanol, 1-(2-butoxy-1-methylet	8.6	J			8.363	

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-01-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138871.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	900	1100	ug/Kg
110-86-1	Pyridine	270	U	270	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	900	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	280	U	280	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	560	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	900	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	900	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	790	U	790	900	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-01-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138871.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	900	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	900	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	430	560	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	430	560	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	12570	U	4400	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	810	U	810	900	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	900	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	430	560	ug/Kg
84-66-2	Diethylphthalate	270	U	270	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	900	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-01-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138871.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	900	1100	ug/Kg
85-01-8	Phenanthrene	1200		280	430	560	ug/Kg
120-12-7	Anthracene	390	J	280	430	560	ug/Kg
86-74-8	Carbazole	270	U	270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	2700		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	900	1100	ug/Kg
129-00-0	Pyrene	1800		280	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	900	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1100		270	430	560	ug/Kg
218-01-9	Chrysene	970		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	900	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	580		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	1300		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	J	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	510	J	270	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.095		18-112		45	SPK: -150
13127-88-3	Phenol-d6	67.305		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	47.6		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	52.68		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-01-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
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
BF138871.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	53.205		10-110		35	SPK: -150
1718-51-0	Terphenyl-d14	44.485		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42641	6.839				
1146-65-2	Naphthalene-d8	165061	8.116				
15067-26-2	Acenaphthene-d10	81303	9.869				
1517-22-2	Phenanthrene-d10	115794	11.357				
1719-03-5	Chrysene-d12	77484	13.992				
1520-96-3	Perylene-d12	69361	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000203-64-5	4H-Cyclopenta[def]phenanthrene	370	J			11.969	
000243-17-4	11H-Benzo[b]fluorene	280	J			13.121	
000192-97-2	Benzo[e]pyrene	220	J			15.145	
000198-55-0	Perylene	550	J			15.333	

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-02-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138872.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	560	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-02-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138872.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	4380	U	4380	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-02-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138872.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	890	1100	ug/Kg
85-01-8	Phenanthrene	280	U	280	430	560	ug/Kg
120-12-7	Anthracene	280	U	280	430	560	ug/Kg
86-74-8	Carbazole	270	U	270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	270	U	270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	270	U	270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	270	U	270	430	560	ug/Kg
218-01-9	Chrysene	260	U	260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	U	270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	310	U	310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	34.74		18-112		23	SPK: -150
13127-88-3	Phenol-d6	35.66		15-107		24	SPK: -150
4165-60-0	Nitrobenzene-d5	24.39		18-107		24	SPK: -100
321-60-8	2-Fluorobiphenyl	28.675		20-109		29	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	HD-02-080624	SDG No.:	BF080824
Lab Sample ID:	P3488-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.3
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138872.D	5	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	26.405		10-110		18	SPK: -150
1718-51-0	Terphenyl-d14	23.895		14-112		24	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42013	6.839				
1146-65-2	Naphthalene-d8	164751	8.122				
15067-26-2	Acenaphthene-d10	79632	9.869				
1517-22-2	Phenanthrene-d10	109846	11.357				
1719-03-5	Chrysene-d12	76206	13.992				
1520-96-3	Perylene-d12	67727	15.457				

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TOPSOIL	SDG No.:	BF080824
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138873.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.9	U	95.9	300	360	ug/Kg
110-86-1	Pyridine	88.2	U	88.2	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.6	U	91.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.4	U	92.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.2	U	92.2	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.4	U	93.4	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95	U	95	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.5	U	95.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.7	U	91.7	300	360	ug/Kg
95-48-7	2-Methylphenol	89	U	89	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96	U	96	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.1	U	88.1	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.5	U	44.5	88.3	88.3	ug/Kg
67-72-1	Hexachloroethane	91.7	U	91.7	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.4	U	93.4	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.8	U	94.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.4	U	83.4	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.3	U	94.3	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	91.2	U	91.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.2	U	91.2	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92	U	92	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TOPSOIL	SDG No.:	BF080824
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138873.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.9	U	95.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.6	U	85.6	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.1	U	91.1	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.9	U	78.9	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.7	U	81.7	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.5	U	96.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92	U	92	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.2	U	90.2	140	190	ug/Kg
208-96-8	Acenaphthylene	95.5	U	95.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.9	U	91.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.5	U	98.5	140	190	ug/Kg
83-32-9	Acenaphthene	89.6	U	89.6	140	190	ug/Kg
Total PAH	Total PAH	1460.8	U	1460.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	93.2	U	93.2	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.2	U	95.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.1	U	187.1	140	380	ug/Kg
84-66-2	Diethylphthalate	88.5	U	88.5	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.5	U	94.5	140	190	ug/Kg
86-73-7	Fluorene	94.4	U	94.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.1	U	90.1	140	190	ug/Kg
103-33-3	Azobenzene	87.9	U	87.9	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.1	U	87.1	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.9	U	93.9	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:				Date Collected:	8/2/2024 12:00:00 AM		
Project:				Date Received:	8/2/2024 12:00:00 AM		
Client Sample ID:	TOPSOIL			SDG No.:	BF080824		
Lab Sample ID:	P3464-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	9.6		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138873.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.4	U	85.4	300	360	ug/Kg
85-01-8	Phenanthrene	92.8	U	92.8	140	190	ug/Kg
120-12-7	Anthracene	93.2	U	93.2	140	190	ug/Kg
86-74-8	Carbazole	88.7	U	88.7	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.1	U	93.1	140	190	ug/Kg
206-44-0	Fluoranthene	90.2	U	90.2	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	91.7	U	91.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	89.1	U	89.1	140	190	ug/Kg
218-01-9	Chrysene	87.8	U	87.8	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.6	U	89.6	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.2	U	91.2	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.3	U	86.3	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.7	U	89.7	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88.5	U	88.5	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.9	U	95.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.5	U	82.5	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.9	U	91.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.792		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.782		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	54.083		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	59.755		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TOPSOIL	SDG No.:	BF080824
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138873.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.888		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	48.805		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41231	6.84				
1146-65-2	Naphthalene-d8	155890	8.116				
15067-26-2	Acenaphthene-d10	74960	9.869				
1517-22-2	Phenanthrene-d10	99537	11.357				
1719-03-5	Chrysene-d12	73042	13.998				
1520-96-3	Perylene-d12	60016	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.134	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.063	
	unknown10.786	140	J			10.786	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	170	J			10.839	
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	270	J			10.875	
024518-48-7	4-(7-Methyloctyl)phenol	200	J			10.904	
1000391-36-2	Succinic acid, 2-(adamant-1-yl)eth	180	J			10.975	
	unknown11.016	210	J			11.016	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	230	J			11.057	
002219-84-3	Phenol, 2-methyl-4-(1,1,3,3-tetram	130	J			11.098	
148675-93-8	2-((8Z,11Z)-Heptadeca-8,11-dien-1-	190	J			12.769	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	140	J			12.833	
036653-82-4	1-Hexadecanol	170	J			13.863	
000630-02-4	Octacosane	140	J			14.445	
007320-37-8	Oxirane, tetradecyl-	200	J			14.504	
007683-64-9	Supraene	150	J			14.821	
007225-64-1	Heptadecane, 9-octyl-	210	J			15.88	
000566-88-1	Cholestan-3-one, (5.alpha.)-	210	J			16.327	
	unknown17.504	360	J			17.504	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	TOPSOIL	SDG No.:	BF080824
Lab Sample ID:	P3464-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138873.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown18.480	240	J			18.48	

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	B	SDG No.:	BF080824
Lab Sample ID:	P3484-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138874.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94	U	94	290	360	ug/Kg
110-86-1	Pyridine	86.5	U	86.5	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.8	U	89.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.6	U	90.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.4	U	90.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.1	U	93.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.7	U	93.7	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.9	U	89.9	290	360	ug/Kg
95-48-7	2-Methylphenol	87.3	U	87.3	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.4	U	98.4	140	180	ug/Kg
98-86-2	Acetophenone	94.1	U	94.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.4	U	86.4	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	43.6	86.6	86.6	ug/Kg
67-72-1	Hexachloroethane	89.9	U	89.9	140	180	ug/Kg
98-95-3	Nitrobenzene	98.3	U	98.3	140	180	ug/Kg
78-59-1	Isophorone	91.6	U	91.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.9	U	92.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.8	U	81.8	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.5	U	92.5	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.4	U	89.4	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.4	U	89.4	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.2	U	90.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	B	SDG No.:	BF080824
Lab Sample ID:	P3484-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138874.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94	U	94	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.9	U	83.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.3	U	89.3	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.3	U	77.3	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.1	U	80.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.6	U	94.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.2	U	90.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.5	U	88.5	140	180	ug/Kg
208-96-8	Acenaphthylene	93.7	U	93.7	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.1	U	90.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.6	U	96.6	140	180	ug/Kg
83-32-9	Acenaphthene	87.8	U	87.8	140	180	ug/Kg
Total PAH	Total PAH	1434.2	U	1434.2	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.4	U	91.4	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.3	U	93.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.4	U	183.4	140	360	ug/Kg
84-66-2	Diethylphthalate	86.7	U	86.7	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.7	U	92.7	140	180	ug/Kg
86-73-7	Fluorene	92.6	U	92.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.4	U	88.4	140	180	ug/Kg
103-33-3	Azobenzene	86.2	U	86.2	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.4	U	85.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92	U	92	140	180	ug/Kg
1912-24-9	Atrazine	99	U	99	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	B	SDG No.:	BF080824
Lab Sample ID:	P3484-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138874.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.7	U	83.7	290	360	ug/Kg
85-01-8	Phenanthrene	91	U	91	140	180	ug/Kg
120-12-7	Anthracene	91.4	U	91.4	140	180	ug/Kg
86-74-8	Carbazole	86.9	U	86.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.3	U	91.3	140	180	ug/Kg
206-44-0	Fluoranthene	160	J	88.5	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	150	J	89.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.4	U	87.4	140	180	ug/Kg
218-01-9	Chrysene	86.1	U	86.1	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.5	U	98.5	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	98	J	87.8	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.4	U	89.4	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.6	U	84.6	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.9	U	87.9	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.7	U	86.7	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94	U	94	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.9	U	80.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	51.172		18-112		34	SPK: -150
13127-88-3	Phenol-d6	50.506		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	36.339		18-107		36	SPK: -100
321-60-8	2-Fluorobiphenyl	40.084		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	B	SDG No.:	BF080824
Lab Sample ID:	P3484-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138874.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	45.101		10-110		30	SPK: -150
1718-51-0	Terphenyl-d14	32.123		14-112		32	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45921	6.839				
1146-65-2	Naphthalene-d8	176953	8.122				
15067-26-2	Acenaphthene-d10	82049	9.869				
1517-22-2	Phenanthrene-d10	114057	11.357				
1719-03-5	Chrysene-d12	81377	13.998				
1520-96-3	Perylene-d12	65617	15.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.051	
000770-35-4	1-Phenoxypropan-2-ol	83.4	J			8.433	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	CHRT-28607	SDG No.:	BF080824
Lab Sample ID:	P3461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138875.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.3	U	52.3	160	200	ug/Kg
110-86-1	Pyridine	48.1	U	48.1	78.3	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.4	U	58.4	78.3	100	ug/Kg
108-95-2	Phenol	170		50	78.3	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.4	U	50.4	78.3	100	ug/Kg
95-57-8	2-Chlorophenol	50.3	U	50.3	78.3	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	51	U	51	78.3	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.8	U	51.8	78.3	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	52.1	U	52.1	78.3	100	ug/Kg
100-51-6	Benzyl Alcohol	50	U	50	160	200	ug/Kg
95-48-7	2-Methylphenol	48.6	U	48.6	78.3	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.8	U	54.8	78.3	100	ug/Kg
98-86-2	Acetophenone	210		52.4	78.3	100	ug/Kg
65794-96-9	3+4-Methylphenols	48.1	U	48.1	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.3	U	24.3	48.2	48.2	ug/Kg
67-72-1	Hexachloroethane	50	U	50	78.3	100	ug/Kg
98-95-3	Nitrobenzene	54.7	U	54.7	78.3	100	ug/Kg
78-59-1	Isophorone	51	U	51	78.3	100	ug/Kg
88-75-5	2-Nitrophenol	56.9	U	56.9	78.3	100	ug/Kg
105-67-9	2,4-Dimethylphenol	56.2	U	56.2	78.3	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.7	U	51.7	78.3	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.5	U	45.5	78.3	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.5	U	51.5	78.3	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.8	U	49.8	78.3	100	ug/Kg
106-47-8	4-Chloroaniline	49.8	U	49.8	78.3	100	ug/Kg
87-68-3	Hexachlorobutadiene	50.2	U	50.2	78.3	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	CHRT-28607	SDG No.:	BF080824
Lab Sample ID:	P3461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138875.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.3	U	52.3	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.7	U	46.7	78.3	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.7	U	49.7	78.3	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	78.3	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.6	U	44.6	78.3	100	ug/Kg
92-52-4	1,1-Biphenyl	52.7	U	52.7	78.3	100	ug/Kg
91-58-7	2-Chloronaphthalene	50.2	U	50.2	78.3	100	ug/Kg
88-74-4	2-Nitroaniline	57.2	U	57.2	78.3	100	ug/Kg
131-11-3	Dimethylphthalate	49.2	U	49.2	78.3	100	ug/Kg
208-96-8	Acenaphthylene	52.1	U	52.1	78.3	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	50.1	U	50.1	78.3	100	ug/Kg
99-09-2	3-Nitroaniline	53.7	U	53.7	78.3	100	ug/Kg
83-32-9	Acenaphthene	48.9	U	48.9	78.3	100	ug/Kg
Total PAH	Total PAH	798.5	U	798.5	78.3	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.9	U	69.9	160	200	ug/Kg
132-64-9	Dibenzofuran	50.9	U	50.9	78.3	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	102	U	102	78.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.9	U	51.9	78.3	100	ug/Kg
84-66-2	Diethylphthalate	48.3	U	48.3	78.3	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.6	U	51.6	78.3	100	ug/Kg
86-73-7	Fluorene	51.5	U	51.5	78.3	100	ug/Kg
100-01-6	4-Nitroaniline	64.5	U	64.5	78.3	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.5	U	70.5	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49.2	U	49.2	78.3	100	ug/Kg
103-33-3	Azobenzene	48	U	48	78.3	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	78.3	100	ug/Kg
118-74-1	Hexachlorobenzene	51.2	U	51.2	78.3	100	ug/Kg
1912-24-9	Atrazine	55.1	U	55.1	78.3	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	CHRT-28607	SDG No.:	BF080824
Lab Sample ID:	P3461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138875.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.6	U	46.6	160	200	ug/Kg
85-01-8	Phenanthrene	50.6	U	50.6	78.3	100	ug/Kg
120-12-7	Anthracene	120		50.9	78.3	100	ug/Kg
86-74-8	Carbazole	48.4	U	48.4	78.3	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.8	U	50.8	78.3	100	ug/Kg
206-44-0	Fluoranthene	110		49.2	78.3	100	ug/Kg
92-87-5	Benzidine	98.2	U	98.2	160	200	ug/Kg
129-00-0	Pyrene	100		50	78.3	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.3	U	58.3	78.3	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.4	U	59.4	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	50.2	J	48.6	78.3	100	ug/Kg
218-01-9	Chrysene	65.2	J	47.9	78.3	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280		54.8	78.3	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66.3	U	66.3	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	120		48.9	78.3	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.8	U	49.8	78.3	100	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	56	78.3	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47.1	U	47.1	78.3	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.9	U	48.9	78.3	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.3	U	48.3	78.3	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.3	U	52.3	78.3	100	ug/Kg
123-91-1	1,4-Dioxane	66.3	U	66.3	78.3	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	78.3	100	ug/Kg
90-12-0	1-Methylnaphthalene	50.1	U	50.1	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.659		18-112		48	SPK: -150
13127-88-3	Phenol-d6	70.407		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	52.517		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	21.068		20-109		21	SPK: -100

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	CHRT-28607	SDG No.:	BF080824
Lab Sample ID:	P3461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138875.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	27.26		10-110		18	SPK: -150
1718-51-0	Terphenyl-d14	41.188		14-112		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	32913	6.839				
1146-65-2	Naphthalene-d8	118572	8.122				
15067-26-2	Acenaphthene-d10	143958	9.875				
1517-22-2	Phenanthrene-d10	83663	11.404				
1719-03-5	Chrysene-d12	73397	14.021				
1520-96-3	Perylene-d12	52743	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-41-5	Hexylene glycol	400	J			6.045	
000605-39-0	2,2-Dimethylbiphenyl	560	J			10.192	
1000486-97-7	2,4,2,4-Tetramethyl-biphenyl	670	J			10.78	
000721-45-9	2-(p-Tolylmethyl)-p-xylene	17900	J			11.063	
002919-20-2	Benzene, 1,1-ethenylidenebis-[4-m	400	J			11.145	
062796-65-0	1,1-Biphenyl, 2,2,4,6-Tetrachlor	790	J			11.998	
041464-47-5	1,1-Biphenyl, 2,2,3,6-tetrachlo	290	J			12.157	
052663-60-2	1,1-Biphenyl, 2,2,3,3,6-pentach	1400	J			12.51	
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	1000	J			12.91	
004612-63-9	9H-Fluorene, 2,3-dimethyl-	4100	J			13.133	
061798-70-7	1,1-Biphenyl, 2,2,3,3,4,6-Hexac	750	J			13.163	
065510-45-4	2,2,3,4,4-Pentachloro-1,1-biphe	2500	J			13.216	
034611-07-9	2,2-Diphenylpropylamine	4300	J			13.31	
074472-44-9	2,3,3,4,5,6-Hexachloro-1,1-biph	1300	J			13.368	
038380-02-8	1,1-Biphenyl, 2,2,3,4,5-pentach	560	J			13.416	
	unknown13.451	1300	J			13.451	
082657-04-3	Bifenthrin	990	J			13.48	
041411-63-6	2,3,4,4,5,6-Hexachloro-1,1-biphe	3000	J			13.58	
	unknown13.610	1200	J			13.61	

Report of Analysis

Client:		Date Collected:	8/2/2024 12:00:00 AM
Project:		Date Received:	8/2/2024 12:00:00 AM
Client Sample ID:	CHRT-28607	SDG No.:	BF080824
Lab Sample ID:	P3461-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0.6
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138875.D	1	8/5/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
052712-04-6	1,1-Biphenyl, 2,2,3,4,5,5-hexac	630	J			13.768	

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF080824
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138876.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.7	U	91.7	290	350	ug/Kg
110-86-1	Pyridine	84.4	U	84.4	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.6	U	87.6	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.4	U	88.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.2	U	88.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.4	U	89.4	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.8	U	90.8	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.4	U	91.4	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.7	U	87.7	290	350	ug/Kg
95-48-7	2-Methylphenol	85.1	U	85.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	140	180	ug/Kg
98-86-2	Acetophenone	91.8	U	91.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.3	U	84.3	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.5	84.5	ug/Kg
67-72-1	Hexachloroethane	87.7	U	87.7	140	180	ug/Kg
98-95-3	Nitrobenzene	95.9	U	95.9	140	180	ug/Kg
78-59-1	Isophorone	89.4	U	89.4	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.8	U	99.8	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.4	U	98.4	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.6	U	90.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.7	U	79.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.2	U	90.2	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.2	U	87.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.2	U	87.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF080824
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138876.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.7	U	91.7	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.9	U	81.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.1	U	87.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.4	U	75.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.2	U	78.2	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.3	U	92.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88	U	88	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	130	J	86.3	140	180	ug/Kg
208-96-8	Acenaphthylene	91.4	U	91.4	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.9	U	87.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.2	U	94.2	140	180	ug/Kg
83-32-9	Acenaphthene	85.7	U	85.7	140	180	ug/Kg
Total PAH	Total PAH	2148.1	U	1399.6	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.1	U	89.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	78.9	U	178.9	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91	U	91	140	180	ug/Kg
84-66-2	Diethylphthalate	84.6	U	84.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	140	180	ug/Kg
86-73-7	Fluorene	90.3	U	90.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.2	U	86.2	140	180	ug/Kg
103-33-3	Azobenzene	84.1	U	84.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.3	U	83.3	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.8	U	89.8	140	180	ug/Kg
1912-24-9	Atrazine	96.5	U	96.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF080824
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138876.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.6	U	81.6	290	350	ug/Kg
85-01-8	Phenanthrene	140	J	88.7	140	180	ug/Kg
120-12-7	Anthracene	89.1	U	89.1	140	180	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	140	180	ug/Kg
206-44-0	Fluoranthene	450		86.3	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	280		87.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	230		85.2	140	180	ug/Kg
218-01-9	Chrysene	190		84	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.1	U	96.1	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		85.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	87.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	230		98.2	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.1	J	82.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.8	U	85.8	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	84.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.7	U	91.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.9	U	78.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.9	U	87.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.041		18-112		62	SPK: -150
13127-88-3	Phenol-d6	90.804		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	64.382		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	66.517		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	A	SDG No.:	BF080824
Lab Sample ID:	P3483-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138876.D	1	8/7/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162549

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.748		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	51.658		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38722	6.84				
1146-65-2	Naphthalene-d8	148846	8.122				
15067-26-2	Acenaphthene-d10	69876	9.869				
1517-22-2	Phenanthrene-d10	95458	11.357				
1719-03-5	Chrysene-d12	73994	13.998				
1520-96-3	Perylene-d12	53894	15.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	A			5.063	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	73.6	J			6.675	
000770-35-4	1-Phenoxypropan-2-ol	180	J			8.434	
	unknown9.963	110	J			9.963	
	unknown11.757	99.3	J			11.757	
000057-10-3	n-Hexadecanoic acid	150	J			11.886	
074339-53-0	Trichloroacetic acid, pentadecyl e	170	J			13.839	
000192-97-2	Benzo[e]pyrene	130	J			15.333	
000630-02-4	Octacosane	310	J			15.88	
	unknown17.498	380	J			17.498	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB01	SDG No.:	BF080824
Lab Sample ID:	P3394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138877.D	5	7/30/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530	U	530	1700	2000	ug/Kg
110-86-1	Pyridine	490	U	490	800	1000	ug/Kg
100-52-7	Benzaldehyde	1100	U	1100	1700	2000	ug/Kg
62-53-3	Aniline	590	U	590	800	1000	ug/Kg
108-95-2	Phenol	510	U	510	800	1000	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	510	U	510	800	1000	ug/Kg
95-57-8	2-Chlorophenol	510	U	510	800	1000	ug/Kg
95-50-1	1,2-Dichlorobenzene	520	U	520	800	1000	ug/Kg
541-73-1	1,3-Dichlorobenzene	530	U	530	800	1000	ug/Kg
106-46-7	1,4-Dichlorobenzene	530	U	530	800	1000	ug/Kg
100-51-6	Benzyl Alcohol	510	U	510	1700	2000	ug/Kg
95-48-7	2-Methylphenol	490	U	490	800	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	560	U	560	800	1000	ug/Kg
98-86-2	Acetophenone	530	U	530	800	1000	ug/Kg
65794-96-9	3+4-Methylphenols	490	U	490	1700	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	250	U	250	490	490	ug/Kg
67-72-1	Hexachloroethane	510	U	510	800	1000	ug/Kg
98-95-3	Nitrobenzene	560	U	560	800	1000	ug/Kg
78-59-1	Isophorone	520	U	520	800	1000	ug/Kg
88-75-5	2-Nitrophenol	580	U	580	800	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	800	1000	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	530	U	530	800	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	460	U	460	800	1000	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	520	U	520	800	1000	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1700	2000	ug/Kg
91-20-3	Naphthalene	510	U	510	800	1000	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	800	1000	ug/Kg
87-68-3	Hexachlorobutadiene	510	U	510	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB01	SDG No.:	BF080824
Lab Sample ID:	P3394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138877.D	5	7/30/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	530	U	530	1700	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	470	U	470	800	1000	ug/Kg
91-57-6	2-Methylnaphthalene	510	U	510	800	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	960	U	960	1700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	U	440	800	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	450	U	450	800	1000	ug/Kg
92-52-4	1,1-Biphenyl	540	U	540	800	1000	ug/Kg
91-58-7	2-Chloronaphthalene	510	U	510	800	1000	ug/Kg
88-74-4	2-Nitroaniline	580	U	580	800	1000	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	800	1000	ug/Kg
208-96-8	Acenaphthylene	530	U	530	800	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	800	1000	ug/Kg
99-09-2	3-Nitroaniline	550	U	550	800	1000	ug/Kg
83-32-9	Acenaphthene	500	U	500	800	1000	ug/Kg
Total PAH	Total PAH	8130	U	8130	800	16000	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1700	2000	ug/Kg
100-02-7	4-Nitrophenol	710	U	710	1700	2000	ug/Kg
132-64-9	Dibenzofuran	520	U	520	800	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	530	U	530	800	1000	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1040	U	1040	800	2000	ug/Kg
84-66-2	Diethylphthalate	490	U	490	800	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	520	U	520	800	1000	ug/Kg
86-73-7	Fluorene	520	U	520	800	1000	ug/Kg
100-01-6	4-Nitroaniline	660	U	660	800	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	720	U	720	1700	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	500	U	500	800	1000	ug/Kg
103-33-3	Azobenzene	490	U	490	800	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	480	U	480	800	1000	ug/Kg
118-74-1	Hexachlorobenzene	520	U	520	800	1000	ug/Kg
1912-24-9	Atrazine	560	U	560	800	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB01	SDG No.:	BF080824
Lab Sample ID:	P3394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138877.D	5	7/30/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	470	U	470	1700	2000	ug/Kg
85-01-8	Phenanthrene	510	U	510	800	1000	ug/Kg
120-12-7	Anthracene	520	U	520	800	1000	ug/Kg
86-74-8	Carbazole	490	U	490	800	1000	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	800	1000	ug/Kg
206-44-0	Fluoranthene	500	U	500	800	1000	ug/Kg
92-87-5	Benzidine	1000	U	1000	1700	2000	ug/Kg
129-00-0	Pyrene	510	U	510	800	1000	ug/Kg
85-68-7	Butylbenzylphthalate	590	U	590	800	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	600	U	600	1700	2000	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	800	1000	ug/Kg
218-01-9	Chrysene	490	U	490	800	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	800	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	670	U	670	1700	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	U	500	800	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	U	510	800	1000	ug/Kg
50-32-8	Benzo(a)pyrene	570	U	570	800	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	U	480	800	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	500	U	500	800	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	490	U	490	800	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	530	U	530	800	1000	ug/Kg
123-91-1	1,4-Dioxane	670	U	670	800	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	460	U	460	800	1000	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	1000	1000	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.6		18-112		45	SPK: -150
13127-88-3	Phenol-d6	62.95		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	49.01		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	55.49		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB01	SDG No.:	BF080824
Lab Sample ID:	P3394-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138877.D	5	7/30/2024 12:00:00 AM	8/8/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.185		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	46.14		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37814	6.84				
1146-65-2	Naphthalene-d8	133936	8.122				
15067-26-2	Acenaphthene-d10	59088	9.869				
1517-22-2	Phenanthrene-d10	92078	11.357				
1719-03-5	Chrysene-d12	75145	13.998				
1520-96-3	Perylene-d12	51197	15.462				

Hit Summary Sheet SW-846

SDG No.: BF080824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MLS-15-70-85								
P3415-03	MLS-15-70-85	Water	1-Propanol, 2-(2-hydroxypropoxy) *	4.700	J			
P3415-03	MLS-15-70-85	Water	2-Pentanone, 4-hydroxy-4-methyl *	2.400	A			
P3415-03	MLS-15-70-85	Water	2-Propanol, 1-(2-butoxy-1-methyl) *	4.200	J			
P3415-03	MLS-15-70-85	Water	Ethanol, 2-butoxy- *	40.400	J			
Total Tics :						51.70		
Total Concentration:						51.70		
Client ID : MLS-15-106-121								
P3416-01	MLS-15-106-121	Water	2,4-Diethyl-6-methyl-1,3,5-trioxal *	10.300	J			
P3416-01	MLS-15-106-121	Water	2-Pentanone, 4-hydroxy-4-methyl *	2.700	A			
P3416-01	MLS-15-106-121	Water	2-Propanol, 1-(2-butoxy-1-methyl) *	7.900	J			
P3416-01	MLS-15-106-121	Water	Ethanol, 2-butoxy- *	94.600	J			
P3416-01	MLS-15-106-121	Water	Toluene *	3.000	J			
Total Tics :						118.50		
Total Concentration:						118.50		
Client ID : MLS-15-135-150								
P3416-02	MLS-15-135-150	Water	2-Pentanone, 4-hydroxy-4-methyl *	2.400	A			
P3416-02	MLS-15-135-150	Water	2-Propanol, 1-(2-butoxy-1-methyl) *	15.000	J			
P3416-02	MLS-15-135-150	Water	2-Propanol, 1-(2-methoxy-1-methyl) *	20.600	J			
P3416-02	MLS-15-135-150	Water	Butane, 2-methoxy-2-methyl- *	240.000	J			
P3416-02	MLS-15-135-150	Water	Ethanol, 2-butoxy- *	150.000	J			
P3416-02	MLS-15-135-150	Water	Toluene *	18.300	J			
Total Tics :						446.30		
Total Concentration:						446.30		
Client ID : MLS-15-9999								
P3416-03	MLS-15-9999	Water	2-Pentanone, 4-hydroxy-4-methyl *	2.900	A			
P3416-03	MLS-15-9999	Water	2-Propanol, 1-(2-butoxy-1-methyl) *	8.600	J			
P3416-03	MLS-15-9999	Water	Butane, 2-methoxy-2-methyl- *	270.000	J			
P3416-03	MLS-15-9999	Water	Ethanol, 2-butoxy- *	78.200	J			
P3416-03	MLS-15-9999	Water	Methane, diethoxy- *	6.200	J			
P3416-03	MLS-15-9999	Water	Toluene *	3.200	J			
Total Tics :						369.10		
Total Concentration:						369.10		
Client ID : CHRT-28607								
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,2,3,3,4,6-Hexac *	750.000	J			
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,2,3,3,6-pentach *	1,400.000	J			
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,2,3,4,5,5-hexac *	630.000	J			

Hit Summary Sheet SW-846

SDG No.: BF080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,2,3,4,5-pentach	*	560.000	J		
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,2,3,6-tetrachlo	*	290.000	J		
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,2,4,6-Tetrachlor	*	790.000	J		
P3461-01	CHRT-28607	Solid	1,1-Biphenyl, 2,3,3,4,6-pentach	*	1,000.000	J		
P3461-01	CHRT-28607	Solid	2,2,3,4,4-Pentachloro-1,1-biphe	*	2,500.000	J		
P3461-01	CHRT-28607	Solid	2,2-Dimethylbiphenyl	*	560.000	J		
P3461-01	CHRT-28607	Solid	2,2-Diphenylpropylamine	*	4,300.000	J		
P3461-01	CHRT-28607	Solid	2,3,3,4,5,6-Hexachloro-1,1-biph	*	1,300.000	J		
P3461-01	CHRT-28607	Solid	2,3,4,4,5,6-Hexachloro-1,1-biphe	*	3,000.000	J		
P3461-01	CHRT-28607	Solid	2,4,2,4-Tetramethyl-biphenyl	*	670.000	J		
P3461-01	CHRT-28607	Solid	2-(p-Tolylmethyl)-p-xylene	*	17,900.000	J		
P3461-01	CHRT-28607	Solid	9H-Fluorene, 2,3-dimethyl-	*	4,100.000	J		
P3461-01	CHRT-28607	Solid	Benzene, 1,1-ethenylidenebis-[4-r	*	400.000	J		
P3461-01	CHRT-28607	Solid	Bifenthrin	*	990.000	J		
P3461-01	CHRT-28607	Solid	Hexylene glycol	*	400.000	J		
P3461-01	CHRT-28607	Solid	unknown13.451	*	1,300.000	J		
P3461-01	CHRT-28607	Solid	unknown13.610	*	1,200.000	J		
Total Tics :					44,040.00			
P3461-01	CHRT-28607	Solid	Acetophenone		210.000	52.4	100	ug/Kg
P3461-01	CHRT-28607	Solid	Anthracene		120.000	50.9	100	ug/Kg
P3461-01	CHRT-28607	Solid	Benzo(a)anthracene		50.200	J 48.6	100	ug/Kg
P3461-01	CHRT-28607	Solid	Benzo(b)fluoranthene		120.000	48.9	100	ug/Kg
P3461-01	CHRT-28607	Solid	Bis(2-ethylhexyl)phthalate		280.000	54.8	100	ug/Kg
P3461-01	CHRT-28607	Solid	Chrysene		65.200	J 47.9	100	ug/Kg
P3461-01	CHRT-28607	Solid	Fluoranthene		110.000	49.2	100	ug/Kg
P3461-01	CHRT-28607	Solid	Phenol		170.000	50	100	ug/Kg
P3461-01	CHRT-28607	Solid	Pyrene		100.000	50	100	ug/Kg
Total Svoc :					1,225.40			
Total Concentration:					45,265.40			
Client ID : TOPSOIL								
P3464-01	TOPSOIL	Solid	1-Hexadecanol	*	170.000	J		
P3464-01	TOPSOIL	Solid	2-((8Z,11Z)-Heptadeca-8,11-dien-	*	190.000	J		
P3464-01	TOPSOIL	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P3464-01	TOPSOIL	Solid	4-(7-Methyloctyl)phenol	*	200.000	J		
P3464-01	TOPSOIL	Solid	5H-Pyrrolo(3,2-d)pyrimidine-2,4-	*	270.000	J		
P3464-01	TOPSOIL	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P3464-01	TOPSOIL	Solid	Cholestan-3-one, (5.alpha.)-	*	210.000	J		
P3464-01	TOPSOIL	Solid	Heptadecane, 9-octyl-	*	210.000	J		
P3464-01	TOPSOIL	Solid	Octacosane	*	140.000	J		
P3464-01	TOPSOIL	Solid	Oxirane, tetradecyl-	*	200.000	J		



SDG No.: BF080824

Client:

Client ID	A				
P3483-01	A	Solid	1-Phenoxypropan-2-ol	*	180.000 J
P3483-01	A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	310.000 A
P3483-01	A	Solid	Benzo[e]pyrene	*	130.000 J
P3483-01	A	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000 J
P3483-01	A	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	73.600 J
P3483-01	A	Solid	n-Hexadecanoic acid	*	150.000 J
P3483-01	A	Solid	Octacosane	*	310.000 J
P3483-01	A	Solid	Trichloroacetic acid, pentadecyl e	*	170.000 J
P3483-01	A	Solid	unknown11.757	*	99.300 J
P3483-01	A	Solid	unknown17.498	*	380.000 J
P3483-01	A	Solid	unknown9.963	*	110.000 J

Total Tics : 3,812.90

P3483-01	A	Solid	Benzo(a)anthracene	230.000	85.2	180	ug/Kg
P3483-01	A	Solid	Benzo(a)pyrene	230.000	98.2	180	ug/Kg
P3483-01	A	Solid	Benzo(b)fluoranthene	310.000	85.7	180	ug/Kg
P3483-01	A	Solid	Benzo(g,h,i)perylene	110.000 J	84.6	180	ug/Kg
P3483-01	A	Solid	Benzo(k)fluoranthene	110.000 J	87.2	180	ug/Kg
P3483-01	A	Solid	Chrysene	190.000	84	180	ug/Kg
P3483-01	A	Solid	Dimethylphthalate	130.000 J	86.3	180	ug/Kg
P3483-01	A	Solid	Fluoranthene	450.000	86.3	180	ug/Kg
P3483-01	A	Solid	Indeno(1,2,3-cd)pyrene	98.100 J	82.5	180	ug/Kg
P3483-01	A	Solid	Phenanthrene	140.000 J	88.7	180	ug/Kg
P3483-01	A	Solid	Pyrene	280.000	87.7	180	ug/Kg

Total Svoc : 2,278.10

Total Concentration: 6,091.00

Client ID : B

Hit Summary Sheet SW-846

SDG No.: BF080824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3484-01	B	Solid	1-Phenoxypropan-2-ol	*	83.400	J		
P3484-01	B	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A		
Total Tics :				253.40				
P3484-01	B	Solid	Benzo(b)fluoranthene		98.000	J	87.8	180 ug/Kg
P3484-01	B	Solid	Fluoranthene		160.000	J	88.5	180 ug/Kg
P3484-01	B	Solid	Pyrene		150.000	J	89.9	180 ug/Kg
Total Svoc :				408.00				
Total Concentration:				661.40				
Client ID : HD-01-080624								
P3488-01	HD-01-080624	Solid	11H-Benzo[b]fluorene	*	280.000	J		
P3488-01	HD-01-080624	Solid	4H-Cyclopenta[def]phenanthrene	*	370.000	J		
P3488-01	HD-01-080624	Solid	Benzo[e]pyrene	*	220.000	J		
P3488-01	HD-01-080624	Solid	Perylene	*	550.000	J		
Total Tics :				1,420.00				
P3488-01	HD-01-080624	Solid	Anthracene		390.000	J	280	560 ug/Kg
P3488-01	HD-01-080624	Solid	Benzo(a)anthracene		1,100.000		270	560 ug/Kg
P3488-01	HD-01-080624	Solid	Benzo(a)pyrene		1,300.000		310	560 ug/Kg
P3488-01	HD-01-080624	Solid	Benzo(b)fluoranthene		1,600.000		270	560 ug/Kg
P3488-01	HD-01-080624	Solid	Benzo(g,h,i)perylene		510.000	J	270	560 ug/Kg
P3488-01	HD-01-080624	Solid	Benzo(k)fluoranthene		580.000		270	560 ug/Kg
P3488-01	HD-01-080624	Solid	Chrysene		970.000		260	560 ug/Kg
P3488-01	HD-01-080624	Solid	Fluoranthene		2,700.000		270	560 ug/Kg
P3488-01	HD-01-080624	Solid	Indeno(1,2,3-cd)pyrene		420.000	J	260	560 ug/Kg
P3488-01	HD-01-080624	Solid	Phenanthrene		1,200.000		280	560 ug/Kg
P3488-01	HD-01-080624	Solid	Pyrene		1,800.000		280	560 ug/Kg
Total Svoc :				12,570.00				
Total Concentration:				13,990.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

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.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

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.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDICCC040

Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138684.D

Time Analyzed: 10:49

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	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162396BL	42217	6.84	178455	8.12	106067	9.88
02	PB162396BS	50684	6.84	205625	8.12	113495	9.88
03	PB162396BSD	48975	6.84	200583	8.12	111084	9.88
04	PB162342BL	44018	6.84	186487	8.12	108815	9.87
05	PB162342BS	47949	6.84	200445	8.12	112460	9.88
06	PB162401BL	40207	6.84	162278	8.12	93519	9.87
07	PB162401BS	48503	6.84	206341	8.12	113225	9.88
08	PB162401TB	37816	6.84	153802	8.12	89125	9.87
09	PB162421BS	50788	6.84	206401	8.12	119512	9.88
10	PB162463BS	48969	6.84	204092	8.12	110072	9.88
11	MLS-15-70-85	33370 *	6.84	136863 *	8.12	76575	9.87
12	MLS-15-106-121	34958 *	6.84	140356 *	8.12	75794	9.87
13	MLS-15-135-150	38008	6.84	153791	8.12	85041	9.87
14	MLS-15-9999	38709	6.84	155682	8.12	87215	9.87
15	HD-01-080624	42641	6.84	165061	8.12	81303	9.87
16	HD-02-080624	42013	6.84	164751	8.12	79632	9.87
17	TOPSOIL	41231	6.84	155890	8.12	74960	9.87
18	B	45921	6.84	176953	8.12	82049	9.87
19	CHRT-28607	32913 *	6.84	118572 *	8.12	143958	9.88
20	A	38722	6.84	148846	8.12	69876 *	9.87
21	B-105-SB01	37814	6.84	133936 *	8.12	59088 *	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 21:05

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	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
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.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138856.D

Time Analyzed: 10:49

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	53967	6.839	212450	8.12	111283	9.88
	UPPER LIMIT	107934	7.339	424900	8.622	222566	10.375
	LOWER LIMIT	26983.5	6.339	106225	7.622	55641.5	9.375
	EPA SAMPLE NO.						
01	PB162396BL	42217	6.84	178455	8.12	106067	9.88
02	PB162396BS	50684	6.84	205625	8.12	113495	9.88
03	PB162396BSD	48975	6.84	200583	8.12	111084	9.88
04	PB162342BL	44018	6.84	186487	8.12	108815	9.87
05	PB162342BS	47949	6.84	200445	8.12	112460	9.88
06	PB162401BL	40207	6.84	162278	8.12	93519	9.87
07	PB162401BS	48503	6.84	206341	8.12	113225	9.88
08	PB162401TB	37816	6.84	153802	8.12	89125	9.87
09	PB162421BS	50788	6.84	206401	8.12	119512	9.88
10	PB162463BS	48969	6.84	204092	8.12	110072	9.88
11	MLS-15-70-85	33370	6.84	136863	8.12	76575	9.87
12	MLS-15-106-121	34958	6.84	140356	8.12	75794	9.87
13	MLS-15-135-150	38008	6.84	153791	8.12	85041	9.87
14	MLS-15-9999	38709	6.84	155682	8.12	87215	9.87
15	HD-01-080624	42641	6.84	165061	8.12	81303	9.87
16	HD-02-080624	42013	6.84	164751	8.12	79632	9.87
17	TOPSOIL	41231	6.84	155890	8.12	74960	9.87
18	B	45921	6.84	176953	8.12	82049	9.87
19	CHRT-28607	32913	6.84	118572	8.12	143958	9.88
20	A	38722	6.84	148846	8.12	69876	9.87
21	B-105-SB01	37814	6.84	133936	8.12	59088	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138856.D Time Analyzed: 21:05

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	53967	6.839	212450	8.12	111283	9.88
UPPER LIMIT	107934	7.339	424900	8.622	222566	10.375
LOWER LIMIT	26983.5	6.339	106225	7.622	55641.5	9.375
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.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 10:49

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	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162396BL	200709	11.36	125540	14.00	84599	15.46
02	PB162396BS	193771	11.36	94221	14.00	86275	15.46
03	PB162396BSD	190386	11.36	93170	14.00	85060	15.46
04	PB162342BL	205081	11.36	118845	14.00	82017	15.46
05	PB162342BS	189793	11.36	93673	14.00	85672	15.46
06	PB162401BL	170837	11.36	96485	14.00	70734 *	15.46
07	PB162401BS	196298	11.36	93827	14.00	88275	15.46
08	PB162401TB	161361	11.36	88311	14.00	64695 *	15.46
09	PB162421BS	200005	11.36	98145	14.00	88888	15.46
10	PB162463BS	189484	11.36	93153	14.00	86793	15.46
11	MLS-15-70-85	138104	11.36	77348	13.99	64673 *	15.46
12	MLS-15-106-121	130938	11.36	67458	14.00	61661 *	15.46
13	MLS-15-135-150	150130	11.36	73064	13.99	63069 *	15.46
14	MLS-15-9999	153003	11.36	75662	14.00	62858 *	15.46
15	HD-01-080624	115794	11.36	77484	13.99	69361 *	15.46
16	HD-02-080624	109846 *	11.36	76206	13.99	67727 *	15.46
17	TOPSOIL	99537 *	11.36	73042	14.00	60016 *	15.46
18	B	114057	11.36	81377	14.00	65617 *	15.46
19	CHRT-28607	83663 *	11.40	73397	14.02	52743 *	15.47
20	A	95458 *	11.36	73994	14.00	53894 *	15.46
21	B-105-SB01	92078 *	11.36	75145	14.00	51197 *	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 21:05

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	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
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.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138856.D Time Analyzed: 10:49

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	192684	11.363	92916	13.998	95070	15.457
	UPPER LIMIT	385368	11.863	185832	14.498	190140	15.957
	LOWER LIMIT	96342	10.863	46458	13.498	47535	14.957
	EPA SAMPLE NO.						
01	PB162396BL	200709	11.36	125540	14.00	84599	15.46
02	PB162396BS	193771	11.36	94221	14.00	86275	15.46
03	PB162396BSD	190386	11.36	93170	14.00	85060	15.46
04	PB162342BL	205081	11.36	118845	14.00	82017	15.46
05	PB162342BS	189793	11.36	93673	14.00	85672	15.46
06	PB162401BL	170837	11.36	96485	14.00	70734	15.46
07	PB162401BS	196298	11.36	93827	14.00	88275	15.46
08	PB162401TB	161361	11.36	88311	14.00	64695	15.46
09	PB162421BS	200005	11.36	98145	14.00	88888	15.46
10	PB162463BS	189484	11.36	93153	14.00	86793	15.46
11	MLS-15-70-85	138104	11.36	77348	13.99	64673	15.46
12	MLS-15-106-121	130938	11.36	67458	14.00	61661	15.46
13	MLS-15-135-150	150130	11.36	73064	13.99	63069	15.46
14	MLS-15-9999	153003	11.36	75662	14.00	62858	15.46
15	HD-01-080624	115794	11.36	77484	13.99	69361	15.46
16	HD-02-080624	109846	11.36	76206	13.99	67727	15.46
17	TOPSOIL	99537	11.36	73042	14.00	60016	15.46
18	B	114057	11.36	81377	14.00	65617	15.46
19	CHRT-28607	83663 *	11.40	73397	14.02	52743	15.47
20	A	95458 *	11.36	73994	14.00	53894	15.46
21	B-105-SB01	92078 *	11.36	75145	14.00	51197	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF080824 SAS No.: BF080824 SDG NO.: BF080824

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 8 2024 12:00AM

Lab File ID: BF138856.D Time Analyzed: 21:05

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	192684	11.363	92916	13.998	95070	15.457
UPPER LIMIT	385368	11.863	185832	14.498	190140	15.957
LOWER LIMIT	96342	10.863	46458	13.498	47535	14.957
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.: **BF080824**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162342BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	1400	ug/Kg	82				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1200	ug/Kg	71				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	670	ug/Kg	39				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	3500	ug/Kg	106				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	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	25600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162342BS	4-Nitrophenol	3300	2600	ug/Kg	79				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3100	ug/Kg	91				60	106	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1800	ug/Kg	106				67	113	
	Pentachlorophenol	3300	2500	ug/Kg	76				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	510	ug/Kg	15				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				63	111	
	Di-n-octyl phthalate	1700	1200	ug/Kg	71				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		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	1400	ug/Kg	82				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	1500	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162396BS	n-Nitrosodimethylamine	50	49.8	ug/L	100				55	108	
	Pyridine	50	33.3	ug/L	67				29	97	
	Benzaldehyde	50	39.1	ug/L	78				15	121	
	Aniline	50	33.9	ug/L	68				10	130	
	Phenol	50	48	ug/L	96				66	118	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				62	103	
	2-Chlorophenol	50	47.9	ug/L	96				70	117	
	1,2-Dichlorobenzene	50	44.9	ug/L	90				72	102	
	1,3-Dichlorobenzene	50	43.7	ug/L	87				71	103	
	1,4-Dichlorobenzene	50	44.4	ug/L	89				76	103	
	Benzyl Alcohol	50	48.9	ug/L	98		*		36	93	
	2-Methylphenol	50	46.8	ug/L	94				69	109	
	2,2-oxybis(1-Chloropropane)	50	40.8	ug/L	82				52	103	
	Acetophenone	50	44.2	ug/L	88				60	104	
	3+4-Methylphenols	50	48.8	ug/L	98				67	106	
	N-Nitroso-di-n-propylamine	50	47.5	ug/L	95				57	107	
	Hexachloroethane	50	42.9	ug/L	86				76	118	
	Nitrobenzene	50	44	ug/L	88				58	106	
	Isophorone	50	45.4	ug/L	91				61	102	
	2-Nitrophenol	50	47.9	ug/L	96				70	115	
	2,4-Dimethylphenol	50	51.2	ug/L	102				67	130	
	bis(2-Chloroethoxy)methane	50	43.5	ug/L	87				58	109	
	2,4-Dichlorophenol	50	48.3	ug/L	97				66	115	
	1,2,4-Trichlorobenzene	50	45.4	ug/L	91				41	115	
	Benzoic acid	50	35.1	ug/L	70				10	125	
	Naphthalene	50	45.4	ug/L	91				64	107	
	4-Chloroaniline	50	25.4	ug/L	51				10	85	
	Hexachlorobutadiene	50	45.6	ug/L	91				69	101	
	Caprolactam	50	43.2	ug/L	86				58	128	
	4-Chloro-3-methylphenol	50	48.5	ug/L	97				65	114	
	2-Methylnaphthalene	50	46.8	ug/L	94				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	46	ug/L	92				61	110	
	2,4,5-Trichlorophenol	50	44.4	ug/L	89				70	106	
	1,1-Biphenyl	50	42.4	ug/L	85				72	98	
	2-Chloronaphthalene	50	44.7	ug/L	89				59	106	
	2-Nitroaniline	50	47.4	ug/L	95				58	107	
	Dimethylphthalate	50	47.9	ug/L	96				64	103	
	Acenaphthylene	50	48.8	ug/L	98				65	108	
	2,6-Dinitrotoluene	50	47.1	ug/L	94				64	110	
	3-Nitroaniline	50	32.1	ug/L	64				28	100	
	Acenaphthene	50	44.8	ug/L	90				59	113	
	Total PAH	800	768	ug/L	96				59	113	
	2,4-Dinitrophenol	100	93.8	ug/L	94				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB162396BS	4-Nitrophenol	100	82.8	ug/L	83				68	116	
	Dibenzofuran	50	47.5	ug/L	95				65	106	
	2,4-Dinitrotoluene	50	49.1	ug/L	98				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	96.2	ug/L	96				60	115	
	Diethylphthalate	50	50	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	47.8	ug/L	96				61	104	
	Fluorene	50	48.3	ug/L	97				64	107	
	4-Nitroaniline	50	45	ug/L	90				69	112	
	4,6-Dinitro-2-methylphenol	50	48.9	ug/L	98				62	132	
	N-Nitrosodiphenylamine	50	47.6	ug/L	95				61	109	
	Azobenzene	50	47	ug/L	94				59	106	
	4-Bromophenyl-phenylether	50	46	ug/L	92				73	103	
	Hexachlorobenzene	50	46.2	ug/L	92				73	106	
	Atrazine	50	54.2	ug/L	108				76	120	
	Pentachlorophenol	100	75.8	ug/L	76				47	114	
	Phenanthrene	50	48.5	ug/L	97				62	109	
	Anthracene	50	49.2	ug/L	98				65	110	
	Carbazole	50	47.6	ug/L	95				62	106	
	Di-n-butylphthalate	50	53.5	ug/L	107		*		64	106	
	Fluoranthene	50	48.6	ug/L	97				64	110	
	Benzidine	100	15.2	ug/L	15				10	94	
	Pyrene	50	50	ug/L	100				71	103	
	Butylbenzylphthalate	50	52.4	ug/L	105				61	105	
	3,3-Dichlorobenzidine	50	35.4	ug/L	71				43	108	
	Benzo(a)anthracene	50	48.6	ug/L	97				62	107	
	Chrysene	50	46.7	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.4	ug/L	85				59	110	
	Di-n-octyl phthalate	50	37.2	ug/L	74				67	126	
	Benzo(b)fluoranthene	50	53.8	ug/L	108				77	113	
	Benzo(k)fluoranthene	50	47.5	ug/L	95				64	113	
	Benzo(a)pyrene	50	51.9	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	46.8	ug/L	94				72	105	
	Dibenz(a,h)anthracene	50	46.9	ug/L	94				78	115	
	Benzo(g,h,i)perylene	50	42.2	ug/L	84				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43	ug/L	86				72	101	
	1,4-Dioxane	50	31.3	ug/L	63				38	125	
	2,3,4,6-Tetrachlorophenol	50	49.6	ug/L	99				63	116	
	1-Methylnaphthalene	50	44.2	ug/L	88				51	114	
PB162396BSD	n-Nitrosodimethylamine	50	50.1	ug/L	100	1			55	108	20
	Pyridine	50	33.5	ug/L	67	1			29	97	20
	Benzaldehyde	50	40.2	ug/L	80	3			15	121	20
	Aniline	50	34	ug/L	68	0			10	130	20
	Phenol	50	46.7	ug/L	93	3			66	118	20
	bis(2-Chloroethyl)ether	50	44	ug/L	88	3			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162396BSD	2-Chlorophenol	50	48.4	ug/L	97	1			70	117	20
	1,2-Dichlorobenzene	50	45	ug/L	90	0			72	102	20
	1,3-Dichlorobenzene	50	44.4	ug/L	89	2			71	103	20
	1,4-Dichlorobenzene	50	44.2	ug/L	88	0			76	103	20
	Benzyl Alcohol	50	49.8	ug/L	100	2	*		36	93	20
	2-Methylphenol	50	47.1	ug/L	94	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	41.2	ug/L	82	1			52	103	20
	Acetophenone	50	44.6	ug/L	89	1			60	104	20
	3+4-Methylphenols	50	48.9	ug/L	98	0			67	106	20
	N-Nitroso-di-n-propylamine	50	47.9	ug/L	96	1			57	107	20
	Hexachloroethane	50	45.7	ug/L	91	6			76	118	20
	Nitrobenzene	50	43.8	ug/L	88	0			58	106	20
	Isophorone	50	45.7	ug/L	91	1			61	102	20
	2-Nitrophenol	50	47.5	ug/L	95	1			70	115	20
	2,4-Dimethylphenol	50	51.8	ug/L	104	1			67	130	20
	bis(2-Chloroethoxy)methane	50	43.9	ug/L	88	1			58	109	20
	2,4-Dichlorophenol	50	49.2	ug/L	98	2			66	115	20
	1,2,4-Trichlorobenzene	50	44.9	ug/L	90	1			41	115	20
	Benzoic acid	50	36.6	ug/L	73	4			10	125	20
	Naphthalene	50	45.4	ug/L	91	0			64	107	20
	4-Chloroaniline	50	21.8	ug/L	44	15			10	85	20
	Hexachlorobutadiene	50	46.3	ug/L	93	2			69	101	20
	Caprolactam	50	45.6	ug/L	91	5			58	128	20
	4-Chloro-3-methylphenol	50	48.7	ug/L	97	0			65	114	20
	2-Methylnaphthalene	50	46	ug/L	92	2			64	107	20
	Hexachlorocyclopentadiene	100	110	ug/L	110	0			36	160	20
	2,4,6-Trichlorophenol	50	46	ug/L	92	0			61	110	20
	2,4,5-Trichlorophenol	50	44.8	ug/L	90	1			70	106	20
	1,1-Biphenyl	50	42.2	ug/L	84	0			72	98	20
	2-Chloronaphthalene	50	45	ug/L	90	1			59	106	20
	2-Nitroaniline	50	48.3	ug/L	97	2			58	107	20
	Dimethylphthalate	50	48.4	ug/L	97	1			64	103	20
	Acenaphthylene	50	49.1	ug/L	98	1			65	108	20
	2,6-Dinitrotoluene	50	47.3	ug/L	95	0			64	110	20
	3-Nitroaniline	50	30.3	ug/L	61	6			28	100	20
	Acenaphthene	50	44.5	ug/L	89	1			59	113	20
	Total PAH	800	769.3	ug/L	96	0			59	113	20
	2,4-Dinitrophenol	100	94.7	ug/L	95	1			64	132	20
	4-Nitrophenol	100	81.4	ug/L	81	2			68	116	20
	Dibenzofuran	50	47	ug/L	94	1			65	106	20
	2,4-Dinitrotoluene	50	50.2	ug/L	100	2			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	97.5	ug/L	98	1			60	115	20
	Diethylphthalate	50	50.2	ug/L	100	0			63	105	20
	4-Chlorophenyl-phenylether	50	48.3	ug/L	97	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB162396BSD	Fluorene	50	47.5	ug/L	95	2			64	107	20
	4-Nitroaniline	50	44	ug/L	88	2			69	112	20
	4,6-Dinitro-2-methylphenol	50	47.3	ug/L	95	3			62	132	20
	N-Nitrosodiphenylamine	50	47.1	ug/L	94	1			61	109	20
	Azobenzene	50	47.1	ug/L	94	0			59	106	20
	4-Bromophenyl-phenylether	50	46.2	ug/L	92	0			73	103	20
	Hexachlorobenzene	50	46	ug/L	92	0			73	106	20
	Atrazine	50	54.7	ug/L	109	1			76	120	20
	Pentachlorophenol	100	80.1	ug/L	80	6			47	114	20
	Phenanthrene	50	48	ug/L	96	1			62	109	20
	Anthracene	50	49.1	ug/L	98	0			65	110	20
	Carbazole	50	48.1	ug/L	96	1			62	106	20
	Di-n-butylphthalate	50	53.9	ug/L	108	1	*		64	106	20
	Fluoranthene	50	48.1	ug/L	96	1			64	110	20
	Benzidine	100	16	ug/L	16	5			10	94	20
	Pyrene	50	49.3	ug/L	99	1			71	103	20
	Butylbenzylphthalate	50	52.7	ug/L	105	1			61	105	20
	3,3-Dichlorobenzidine	50	35.6	ug/L	71	1			43	108	20
	Benzo(a)anthracene	50	48.8	ug/L	98	0			62	107	20
	Chrysene	50	45.9	ug/L	92	2			61	108	20
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82	3			59	110	20
	Di-n-octyl phthalate	50	37.1	ug/L	74	0			67	126	20
	Benzo(b)fluoranthene	50	53.8	ug/L	108	0			77	113	20
	Benzo(k)fluoranthene	50	49.6	ug/L	99	4			64	113	20
	Benzo(a)pyrene	50	52.6	ug/L	105	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.9	ug/L	96	2			72	105	20
	Dibenz(a,h)anthracene	50	47.3	ug/L	95	1			78	115	20
	Benzo(g,h,i)perylene	50	42.4	ug/L	85	0			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.7	ug/L	87	2			72	101	20
	1,4-Dioxane	50	31.8	ug/L	64	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	48.3	ug/L	97	3			63	116	20
	1-Methylnaphthalene	50	43.4	ug/L	87	2			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162401BS	n-Nitrosodimethylamine	50	51.5	ug/L	103					55	108	
	Pyridine	50	34	ug/L	68					29	97	
	Benzaldehyde	50	41.1	ug/L	82					15	121	
	Aniline	50	33.8	ug/L	68					10	130	
	Phenol	50	48.7	ug/L	97					66	118	
	bis(2-Chloroethyl)ether	50	44.1	ug/L	88					62	103	
	2-Chlorophenol	50	49.3	ug/L	99					70	117	
	1,2-Dichlorobenzene	50	46.7	ug/L	93					72	102	
	1,3-Dichlorobenzene	50	44.9	ug/L	90					71	103	
	1,4-Dichlorobenzene	50	45.7	ug/L	91					76	103	
	Benzyl Alcohol	50	50.1	ug/L	100		*			36	93	
	2-Methylphenol	50	48.1	ug/L	96					69	109	
	2,2-oxybis(1-Chloropropane)	50	42.1	ug/L	84					52	103	
	Acetophenone	50	43.7	ug/L	87					60	104	
	3+4-Methylphenols	50	49.9	ug/L	100					67	106	
	N-Nitroso-di-n-propylamine	50	48.9	ug/L	98					57	107	
	Hexachloroethane	50	44.6	ug/L	89					76	118	
	Nitrobenzene	50	43.5	ug/L	87					58	106	
	Isophorone	50	44.7	ug/L	89					61	102	
	2-Nitrophenol	50	47.4	ug/L	95					70	115	
	2,4-Dimethylphenol	50	50.3	ug/L	101					67	130	
	bis(2-Chloroethoxy)methane	50	42.8	ug/L	86					58	109	
	2,4-Dichlorophenol	50	47.4	ug/L	95					66	115	
	1,2,4-Trichlorobenzene	50	43.6	ug/L	87					41	115	
	Benzoic acid	50	33.5	ug/L	67					10	125	
	Naphthalene	50	44.3	ug/L	89					64	107	
	4-Chloroaniline	50	20.8	ug/L	42					10	85	
	Hexachlorobutadiene	50	44.3	ug/L	89					69	101	
	Caprolactam	50	43.6	ug/L	87					58	128	
	4-Chloro-3-methylphenol	50	48.2	ug/L	96					65	114	
	2-Methylnaphthalene	50	46.2	ug/L	92					64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110					36	160	
	2,4,6-Trichlorophenol	50	45.4	ug/L	91					61	110	
	2,4,5-Trichlorophenol	50	45	ug/L	90					70	106	
1,1-Biphenyl	50	42.3	ug/L	85					72	98		
2-Chloronaphthalene	50	45.1	ug/L	90					59	106		
2-Nitroaniline	50	48.5	ug/L	97					58	107		
Dimethylphthalate	50	48.6	ug/L	97					64	103		
Acenaphthylene	50	50.1	ug/L	100					65	108		
2,6-Dinitrotoluene	50	47.1	ug/L	94					64	110		
3-Nitroaniline	50	31.2	ug/L	62					28	100		
Acenaphthene	50	44.9	ug/L	90					59	113		
Total PAH	800	756.8	ug/L	95					59	113		
2,4-Dinitrophenol	100	90.3	ug/L	90					64	132		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162401BS	4-Nitrophenol	100	80.3	ug/L	80				68	116	
	Dibenzofuran	50	47.4	ug/L	95				65	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	100	96.3	ug/L	96				60	115	
	2,4-Dinitrotoluene	50	49.2	ug/L	98				60	115	
	Diethylphthalate	50	50.7	ug/L	101				63	105	
	4-Chlorophenyl-phenylether	50	47.3	ug/L	95				61	104	
	Fluorene	50	48.1	ug/L	96				64	107	
	4-Nitroaniline	50	45.8	ug/L	92				69	112	
	4,6-Dinitro-2-methylphenol	50	46.3	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	46.6	ug/L	93				61	109	
	Azobenzene	50	46.9	ug/L	94				59	106	
	4-Bromophenyl-phenylether	50	45.6	ug/L	91				73	103	
	Hexachlorobenzene	50	45.8	ug/L	92				73	106	
	Atrazine	50	54.4	ug/L	109				76	120	
	Pentachlorophenol	100	72.9	ug/L	73				47	114	
	Phenanthrene	50	47.4	ug/L	95				62	109	
	Anthracene	50	48.9	ug/L	98				65	110	
	Carbazole	50	47.2	ug/L	94				62	106	
	Di-n-butylphthalate	50	53.5	ug/L	107		*		64	106	
	Fluoranthene	50	47.5	ug/L	95				64	110	
	Benzidine	100	15.8	ug/L	16				10	94	
	Pyrene	50	49	ug/L	98				71	103	
	Butylbenzylphthalate	50	51.8	ug/L	104				61	105	
	3,3-Dichlorobenzidine	50	37.3	ug/L	75				43	108	
	Benzo(a)anthracene	50	47.8	ug/L	96				62	107	
	Chrysene	50	46.9	ug/L	94				61	108	
	bis(2-Ethylhexyl)phthalate	50	43.1	ug/L	86				59	110	
	Di-n-octyl phthalate	50	37.1	ug/L	74				67	126	
	Benzo(b)fluoranthene	50	51.9	ug/L	104				77	113	
	Benzo(k)fluoranthene	50	49.3	ug/L	99				64	113	
	Benzo(a)pyrene	50	51.5	ug/L	103				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.2	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	44.7	ug/L	89				78	115	
	Benzo(g,h,i)perylene	50	39.3	ug/L	79				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.4	ug/L	87				72	101	
	1,4-Dioxane	50	32.4	ug/L	65				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.6	ug/L	97				63	116	
	1-Methylnaphthalene	50	42.9	ug/L	86				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162421BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	1300	ug/Kg	76				10	147	
	Aniline	1700	1100	ug/Kg	65				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1200	ug/Kg	71				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	680	ug/Kg	40				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				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	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	25100	ug/Kg	92				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162421BS	4-Nitrophenol	3300	2500	ug/Kg	76				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotc	3400	3100	ug/Kg	91				60	106		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	Diethylphthalate	1700	1600	ug/Kg	94				60	101		
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98		
	Fluorene	1700	1500	ug/Kg	88				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				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	2400	ug/Kg	73				67	105		
	Phenanthrene	1700	1600	ug/Kg	94				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1600	ug/Kg	94				61	99		
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104		
	Fluoranthene	1700	1600	ug/Kg	94				57	107		
	Benzidine	3300	470	ug/Kg	14				10	98		
	Pyrene	1700	1600	ug/Kg	94				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91		
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102		
	Chrysene	1700	1600	ug/Kg	94				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				63	111		
	Di-n-octyl phthalate	1700	1200	ug/Kg	71				70	108		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(k)fluoranthene	1700	1800	ug/Kg	106				62	109		
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD	
								Qual	Low	High		
PB162463BS	n-Nitrosodimethylamine	50	52.1	ug/L	104					55	108	
	Pyridine	50	34.6	ug/L	69					29	97	
	Benzaldehyde	50	41.2	ug/L	82					15	121	
	Aniline	50	34.3	ug/L	69					10	130	
	Phenol	50	47.2	ug/L	94					66	118	
	bis(2-Chloroethyl)ether	50	43.9	ug/L	88					62	103	
	2-Chlorophenol	50	49.6	ug/L	99					70	117	
	1,2-Dichlorobenzene	50	46.1	ug/L	92					72	102	
	1,3-Dichlorobenzene	50	45.4	ug/L	91					71	103	
	1,4-Dichlorobenzene	50	46.2	ug/L	92					76	103	
	Benzyl Alcohol	50	50.3	ug/L	101		*			36	93	
	2-Methylphenol	50	47.7	ug/L	95					69	109	
	2,2-oxybis(1-Chloropropane)	50	42.1	ug/L	84					52	103	
	Acetophenone	50	43.9	ug/L	88					60	104	
	3+4-Methylphenols	50	48.6	ug/L	97					67	106	
	N-Nitroso-di-n-propylamine	50	48.4	ug/L	97					57	107	
	Hexachloroethane	50	44.8	ug/L	90					76	118	
	Nitrobenzene	50	44	ug/L	88					58	106	
	Isophorone	50	44.9	ug/L	90					61	102	
	2-Nitrophenol	50	46.8	ug/L	94					70	115	
	2,4-Dimethylphenol	50	50.4	ug/L	101					67	130	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87					58	109	
	2,4-Dichlorophenol	50	47.4	ug/L	95					66	115	
	1,2,4-Trichlorobenzene	50	44.7	ug/L	89					41	115	
	Benzoic acid	50	36.6	ug/L	73					10	125	
	Naphthalene	50	44.9	ug/L	90					64	107	
	4-Chloroaniline	50	18.7	ug/L	37					10	85	
	Hexachlorobutadiene	50	45	ug/L	90					69	101	
	Caprolactam	50	41.5	ug/L	83					58	128	
	4-Chloro-3-methylphenol	50	47	ug/L	94					65	114	
	2-Methylnaphthalene	50	46	ug/L	92					64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110					36	160	
	2,4,6-Trichlorophenol	50	45.1	ug/L	90					61	110	
	2,4,5-Trichlorophenol	50	45.6	ug/L	91					70	106	
	1,1-Biphenyl	50	42.4	ug/L	85					72	98	
	2-Chloronaphthalene	50	45.5	ug/L	91					59	106	
	2-Nitroaniline	50	47.5	ug/L	95					58	107	
	Dimethylphthalate	50	48.9	ug/L	98					64	103	
	Acenaphthylene	50	49.4	ug/L	99					65	108	
	2,6-Dinitrotoluene	50	46.1	ug/L	92					64	110	
	3-Nitroaniline	50	30.2	ug/L	60					28	100	
	Acenaphthene	50	45.3	ug/L	91					59	113	
	Total PAH	800	753.1	ug/L	94					59	113	
	2,4-Dinitrophenol	100	87.8	ug/L	88					64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF080824**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162463BS	4-Nitrophenol	100	79	ug/L	79				68	116	
	Dibenzofuran	50	47.4	ug/L	95				65	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	100	95.1	ug/L	95				60	115	
	2,4-Dinitrotoluene	50	49	ug/L	98				60	115	
	Diethylphthalate	50	50.3	ug/L	101				63	105	
	4-Chlorophenyl-phenylether	50	47.7	ug/L	95				61	104	
	Fluorene	50	47.9	ug/L	96				64	107	
	4-Nitroaniline	50	44.2	ug/L	88				69	112	
	4,6-Dinitro-2-methylphenol	50	47.7	ug/L	95				62	132	
	N-Nitrosodiphenylamine	50	47.5	ug/L	95				61	109	
	Azobenzene	50	46.9	ug/L	94				59	106	
	4-Bromophenyl-phenylether	50	45.4	ug/L	91				73	103	
	Hexachlorobenzene	50	46.1	ug/L	92				73	106	
	Atrazine	50	54.6	ug/L	109				76	120	
	Pentachlorophenol	100	74	ug/L	74				47	114	
	Phenanthrene	50	47.8	ug/L	96				62	109	
	Anthracene	50	49.3	ug/L	99				65	110	
	Carbazole	50	46.8	ug/L	94				62	106	
	Di-n-butylphthalate	50	53.9	ug/L	108		*		64	106	
	Fluoranthene	50	47.4	ug/L	95				64	110	
	Benzidine	100	15.5	ug/L	16				10	94	
	Pyrene	50	48.3	ug/L	97				71	103	
	Butylbenzylphthalate	50	51.7	ug/L	103				61	105	
	3,3-Dichlorobenzidine	50	35.8	ug/L	72				43	108	
	Benzo(a)anthracene	50	47	ug/L	94				62	107	
	Chrysene	50	47.4	ug/L	95				61	108	
	bis(2-Ethylhexyl)phthalate	50	42	ug/L	84				59	110	
	Di-n-octyl phthalate	50	37.2	ug/L	74				67	126	
	Benzo(b)fluoranthene	50	48.4	ug/L	97				77	113	
	Benzo(k)fluoranthene	50	53.4	ug/L	107				64	113	
	Benzo(a)pyrene	50	51.9	ug/L	104				72	131	
	Indeno(1,2,3-cd)pyrene	50	43.8	ug/L	88				72	105	
	Dibenz(a,h)anthracene	50	43.2	ug/L	86				78	115	
	Benzo(g,h,i)perylene	50	37.7	ug/L	75				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.8	ug/L	88				72	101	
	1,4-Dioxane	50	32.1	ug/L	64				38	125	
	2,3,4,6-Tetrachlorophenol	50	48.8	ug/L	98				63	116	
	1-Methylnaphthalene	50	43.1	ug/L	86				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162342BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138860.D

Lab Sample ID: PB162342BL

Instrument ID: BNA_F

Date Extracted: 07/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 12:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162342BS	PB162342BS	BF138861.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-105-SB01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138877.D

Lab Sample ID: P3394-01

Instrument ID: BNA_F

Date Extracted: 07/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 21:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-105-SB01	P3394-01	BF138877.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162396BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138857.D

Lab Sample ID: PB162396BL

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 10:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162396BS	PB162396BS	BF138858.D	08/08/2024
PB162396BSD	PB162396BSD	BF138859.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162401BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138862.D

Lab Sample ID: PB162401BL

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 13:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162401BS	PB162401BS	BF138863.D	08/08/2024
PB162401TB	PB162401TB	BF138864.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162421BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138865.D

Lab Sample ID: PB162421BS

Instrument ID: BNA_F

Date Extracted: 08/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 14:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162421BS	PB162421BS	BF138865.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MLS-15-70-85

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138867.D

Lab Sample ID: P3415-03

Instrument ID: BNA_F

Date Extracted: 08/01/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 15:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MLS-15-70-85	P3415-03	BF138867.D	08/08/2024
MLS-15-106-121	P3416-01	BF138868.D	08/08/2024
MLS-15-135-150	P3416-02	BF138869.D	08/08/2024
MLS-15-9999	P3416-03	BF138870.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162463BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138866.D

Lab Sample ID: PB162463BS

Instrument ID: BNA_F

Date Extracted: 08/02/2024

Matrix: (soil/water) Water

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 15:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162463BS	PB162463BS	BF138866.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TOPSOIL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138873.D

Lab Sample ID: P3464-01

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 19:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TOPSOIL	P3464-01	BF138873.D	08/08/2024
CHRT-28607	P3461-01	BF138875.D	08/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080824

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138876.D

Lab Sample ID: P3483-01

Instrument ID: BNA_F

Date Extracted: 08/07/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/08/2024

Level: (low/med) LOW

Time Analyzed: 20:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A	P3483-01	BF138876.D	08/08/2024
B	P3484-01	BF138874.D	08/08/2024
HD-01-080624	P3488-01	BF138871.D	08/08/2024
HD-02-080624	P3488-03	BF138872.D	08/08/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162342BL	PB162342BL	BF138860.D	2-Fluorophenol	150	132.27	88		18	112
			Phenol-d6	150	129.01	86		15	107
			Nitrobenzene-d5	100	85.37	85		18	107
			2-Fluorobiphenyl	100	86.40	86		20	109
			2,4,6-Tribromophenol	150	135.84	91		10	110
			Terphenyl-d14	100	100.56	101		14	112
PB162342BS	PB162342BS	BF138861.D	2-Fluorophenol	150	131.10	87		18	112
			Phenol-d6	150	129.75	87		15	107
			Nitrobenzene-d5	100	86.16	86		18	107
			2-Fluorobiphenyl	100	86.74	87		20	109
			2,4,6-Tribromophenol	150	135.68	90		10	110
			Terphenyl-d14	100	112.41	112		14	112

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3394-01	B-105-SB01	BF138877.D	2-Fluorophenol	150	67.60	45		18	112
			Phenol-d6	150	62.95	42		15	107
			Nitrobenzene-d5	100	49.01	49		18	107
			2-Fluorobiphenyl	100	55.49	55		20	109
			2,4,6-Tribromophenol	150	59.19	39		10	110
			Terphenyl-d14	100	46.14	46		14	112

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162396BL	PB162396BL	BF138857.D	2-Fluorophenol	150	133.46	89		10	139
			Phenol-d6	150	130.22	87		10	134
			Nitrobenzene-d5	100	86.30	86		49	133
			2-Fluorobiphenyl	100	86.43	86		52	132
			2,4,6-Tribromophenol	150	138.34	92		32	145
			Terphenyl-d14	100	95.85	96		36	145
PB162396BS	PB162396BS	BF138858.D	2-Fluorophenol	150	129.95	87		10	139
			Phenol-d6	150	128.59	86		10	134
			Nitrobenzene-d5	100	86.67	87		49	133
			2-Fluorobiphenyl	100	89.40	89		52	132
			2,4,6-Tribromophenol	150	139.22	93		32	145
			Terphenyl-d14	100	113.40	113		36	145
PB162396BSD	PB162396BSD	BF138859.D	2-Fluorophenol	150	129.86	87		10	139
			Phenol-d6	150	129.34	86		10	134
			Nitrobenzene-d5	100	86.18	86		49	133
			2-Fluorobiphenyl	100	87.91	88		52	132
			2,4,6-Tribromophenol	150	141.40	94		32	145
			Terphenyl-d14	100	113.36	113		36	145

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162401BL	PB162401BL	BF138862.D	2-Fluorophenol	150	152.02	101		10	139
			Phenol-d6	150	147.10	98		10	134
			Nitrobenzene-d5	100	102.53	103		49	133
			2-Fluorobiphenyl	100	102.44	102		52	132
			2,4,6-Tribromophenol	150	157.52	105		32	145
			Terphenyl-d14	100	125.41	125		36	145
PB162401BS	PB162401BS	BF138863.D	2-Fluorophenol	150	134.13	89		10	139
			Phenol-d6	150	133.08	89		10	134
			Nitrobenzene-d5	100	84.21	84		49	133
			2-Fluorobiphenyl	100	88.10	88		52	132
			2,4,6-Tribromophenol	150	141.45	94		32	145
			Terphenyl-d14	100	113.05	113		36	145
PB162401TB	PB162401TB	BF138864.D	2-Fluorophenol	150	164.21	109		10	139
			Phenol-d6	150	161.17	107		10	134
			Nitrobenzene-d5	100	110.38	110		49	133
			2-Fluorobiphenyl	100	111.94	112		52	132
			2,4,6-Tribromophenol	150	168.82	113		32	145
			Terphenyl-d14	100	141.42	141		36	145

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162421BS	PB162421BS	BF138865.D	2-Fluorophenol	150	128.35	86		18	112
			Phenol-d6	150	127.55	85		15	107
			Nitrobenzene-d5	100	87.18	87		18	107
			2-Fluorobiphenyl	100	86.04	86		20	109
			2,4,6-Tribromophenol	150	131.48	88		10	110
			Terphenyl-d14	100	112.16	112		14	112

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3415-03	MLS-15-70-85	BF138867.D	2-Fluorophenol	150	64.72	43		10	139
			Phenol-d6	150	38.11	25		10	134
			Nitrobenzene-d5	100	113.44	113		49	133
			2-Fluorobiphenyl	100	116.05	116		52	132
			2,4,6-Tribromophenol	150	183.65	122		32	145
			Terphenyl-d14	100	146.36	146	*	36	145
P3416-01	MLS-15-106-121	BF138868.D	2-Fluorophenol	150	59.53	40		10	139
			Phenol-d6	150	35.18	23		10	134
			Nitrobenzene-d5	100	112.02	112		49	133
			2-Fluorobiphenyl	100	116.51	117		52	132
			2,4,6-Tribromophenol	150	166.03	111		32	145
			Terphenyl-d14	100	136.71	137		36	145
P3416-02	MLS-15-135-150	BF138869.D	2-Fluorophenol	150	59.69	40		10	139
			Phenol-d6	150	34.59	23		10	134
			Nitrobenzene-d5	100	110.40	110		49	133
			2-Fluorobiphenyl	100	114.74	115		52	132
			2,4,6-Tribromophenol	150	175.99	117		32	145
			Terphenyl-d14	100	150.09	150	*	36	145
P3416-03	MLS-15-9999	BF138870.D	2-Fluorophenol	150	62.76	42		10	139
			Phenol-d6	150	37.07	25		10	134
			Nitrobenzene-d5	100	112.23	112		49	133
			2-Fluorobiphenyl	100	115.50	115		52	132
			2,4,6-Tribromophenol	150	170.71	114		32	145
			Terphenyl-d14	100	151.57	152	*	36	145

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162463BS	PB162463BS	BF138866.D	2-Fluorophenol	150	133.18	89		10	139
			Phenol-d6	150	129.68	86		10	134
			Nitrobenzene-d5	100	85.45	85		49	133
			2-Fluorobiphenyl	100	89.60	90		52	132
			2,4,6-Tribromophenol	150	139.74	93		32	145
			Terphenyl-d14	100	110.40	110		36	145

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3461-01	CHRT-28607	BF138875.D	2-Fluorophenol	150	71.66	48		18	112
			Phenol-d6	150	70.41	47		15	107
			Nitrobenzene-d5	100	52.52	53		18	107
			2-Fluorobiphenyl	100	21.07	21		20	109
			2,4,6-Tribromophenol	150	27.26	18		10	110
			Terphenyl-d14	100	41.19	41		14	112
P3464-01	TOPSOIL	BF138873.D	2-Fluorophenol	150	74.79	50		18	112
			Phenol-d6	150	72.78	49		15	107
			Nitrobenzene-d5	100	54.08	54		18	107
			2-Fluorobiphenyl	100	59.76	60		20	109
			2,4,6-Tribromophenol	150	64.89	43		10	110
			Terphenyl-d14	100	48.81	49		14	112

Surrogate Summary

SW-846

SDG No.: **BF080824**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3483-01	A	BF138876.D	2-Fluorophenol	150	93.04	62		18	112
			Phenol-d6	150	90.80	61		15	107
			Nitrobenzene-d5	100	64.38	64		18	107
			2-Fluorobiphenyl	100	66.52	67		20	109
			2,4,6-Tribromophenol	150	84.75	56		10	110
			Terphenyl-d14	100	51.66	52		14	112
P3484-01	B	BF138874.D	2-Fluorophenol	150	51.17	34		18	112
			Phenol-d6	150	50.51	34		15	107
			Nitrobenzene-d5	100	36.34	36		18	107
			2-Fluorobiphenyl	100	40.08	40		20	109
			2,4,6-Tribromophenol	150	45.10	30		10	110
			Terphenyl-d14	100	32.12	32		14	112
P3488-01	HD-01-080624	BF138871.D	2-Fluorophenol	150	67.10	45		18	112
			Phenol-d6	150	67.31	45		15	107
			Nitrobenzene-d5	100	47.60	48		18	107
			2-Fluorobiphenyl	100	52.68	53		20	109
			2,4,6-Tribromophenol	150	53.21	35		10	110
			Terphenyl-d14	100	44.49	44		14	112
P3488-03	HD-02-080624	BF138872.D	2-Fluorophenol	150	34.74	23		18	112
			Phenol-d6	150	35.66	24		15	107
			Nitrobenzene-d5	100	24.39	24		18	107
			2-Fluorobiphenyl	100	28.68	29		20	109
			2,4,6-Tribromophenol	150	26.41	18		10	110
			Terphenyl-d14	100	23.90	24		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080824

Lab Code: CHEM

SAS No.: BF080824 SDG NO.: BF080824

Lab File ID: BF138855.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.1
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
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	7
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	87.9
443	15.0 - 24.0% of mass 442	16.8 (19.1) 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	BF138856.D	08/08/2024	10:19
PB162396BL	PB162396BL	BF138857.D	08/08/2024	10:49
PB162396BS	PB162396BS	BF138858.D	08/08/2024	11:19
PB162396BSD	PB162396BSD	BF138859.D	08/08/2024	11:50
PB162342BL	PB162342BL	BF138860.D	08/08/2024	12:21
PB162342BS	PB162342BS	BF138861.D	08/08/2024	12:51
PB162401BL	PB162401BL	BF138862.D	08/08/2024	13:22
PB162401BS	PB162401BS	BF138863.D	08/08/2024	13:52
PB162401TB	PB162401TB	BF138864.D	08/08/2024	14:23
PB162421BS	PB162421BS	BF138865.D	08/08/2024	14:53
PB162463BS	PB162463BS	BF138866.D	08/08/2024	15:22
MLS-15-70-85	P3415-03	BF138867.D	08/08/2024	15:58
MLS-15-106-121	P3416-01	BF138868.D	08/08/2024	16:28
MLS-15-135-150	P3416-02	BF138869.D	08/08/2024	16:59
MLS-15-9999	P3416-03	BF138870.D	08/08/2024	17:30
HD-01-080624	P3488-01	BF138871.D	08/08/2024	18:01
HD-02-080624	P3488-03	BF138872.D	08/08/2024	18:31
TOPSOIL	P3464-01	BF138873.D	08/08/2024	19:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF080824

Lab Code: CHEM

SAS No.: BF080824

SDG NO.: BF080824

Lab File ID: BF138855.D

DFTPP Injection Date: 08/08/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:48

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.1
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	40.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
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	7
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	87.9
443	15.0 - 24.0% of mass 442	16.8 (19.1) 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
B	P3484-01	BF138874.D	08/08/2024	19:33
CHRT-28607	P3461-01	BF138875.D	08/08/2024	20:04
A	P3483-01	BF138876.D	08/08/2024	20:34
B-105-SB01	P3394-01	BF138877.D	08/08/2024	21:05