

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG No.: BF102324

Instrument ID: BNA_F Calibration Date/Time: 10/23/2024 : 09:20

Lab File ID: BF139952.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	0.793	0.707		-10.845	
Pyridine	1.476	1.361		-7.791	
2-Fluorophenol	1.278	1.208		-5.477	
Benzaldehyde	0.931	0.814		-12.567	
Aniline	1.542	1.457		-5.512	
Phenol-d6	1.655	1.535		-7.251	
Phenol	1.706	1.607		-5.803	20.0
bis(2-Chloroethyl)ether	1.319	1.234		-6.444	
2-Chlorophenol	1.306	1.268		-2.91	
1,2-Dichlorobenzene	1.398	1.365		-2.361	
1,3-Dichlorobenzene	1.499	1.454		-3.002	
1,4-Dichlorobenzene	1.498	1.463		-2.336	20.0
Benzyl Alcohol	1.214	1.152		-5.107	
2-Methylphenol	1.114	1.068		-4.129	
2,2-oxybis(1-Chloropropane)	2.248	2.003		-10.899	
Acetophenone	0.490	0.464		-5.306	
3+4-Methylphenols	1.424	1.338		-6.039	
n-Nitroso-di-n-propylamine	1.004	0.910	0.050	-9.363	
Nitrobenzene-d5	0.361	0.367		1.662	
Hexachloroethane	0.534	0.522		-2.247	
Nitrobenzene	0.396	0.388		-2.02	
Isophorone	0.685	0.648		-5.401	
2-Nitrophenol	0.149	0.174		16.779	20.0
2,4-Dimethylphenol	0.249	0.236		-5.221	
bis(2-Chloroethoxy)methane	0.415	0.398		-4.096	
2,4-Dichlorophenol	0.283	0.280		-1.06	20.0
1,2,4-Trichlorobenzene	0.314	0.312		-0.637	
Benzoic acid	0.217	0.238		9.677	
Naphthalene	1.031	1.008		-2.231	
4-Chloroaniline	0.352	0.342		-2.841	
Hexachlorobutadiene	0.197	0.200		1.523	20.0
Caprolactam	0.090	0.090		0.0	
4-Chloro-3-methylphenol	0.314	0.305		-2.866	20.0
2-Methylnaphthalene	0.632	0.620		-1.899	
Hexachlorocyclopentadiene	0.188	0.204	0.050	8.511	
2,4,6-Trichlorophenol	0.382	0.403		5.497	20.0
2-Fluorobiphenyl	1.210	1.162		-3.967	
2,4,5-Trichlorophenol	0.394	0.393		-0.254	
1,1-Biphenyl	1.392	1.355		-2.658	

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Lab File ID: BF139952.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	1.121	1.098		-2.052	
2-Nitroaniline	0.343	0.363		5.831	
Dimethylphthalate	1.246	1.215		-2.488	
Acenaphthylene	1.621	1.589		-1.974	
2,6-Dinitrotoluene	0.270	0.288		6.667	
3-Nitroaniline	0.278	0.293		5.396	
Acenaphthene	1.049	1.047		-0.191	20.0
2,4-Dinitrophenol	0.093	0.140	0.050	50.538	
4-Nitrophenol	0.214	0.233	0.050	8.879	
Dibenzofuran	1.505	1.468		-2.458	
2,4-Dinitrotoluene	0.332	0.372		12.048	
Diethylphthalate	1.223	1.192		-2.535	
4-Chlorophenyl-phenylether	0.579	0.584		0.864	
Fluorene	1.146	1.120		-2.269	
4-Nitroaniline	0.263	0.278		5.703	
4,6-Dinitro-2-methylphenol	0.082	0.113		37.805	
n-Nitrosodiphenylamine	0.599	0.579		-3.339	20.0
Azobenzene	1.297	1.216		-6.245	
2,4,6-Tribromophenol	0.187	0.206		10.16	
4-Bromophenyl-phenylether	0.206	0.211		2.427	
Hexachlorobenzene	0.232	0.233		0.431	
Atrazine	0.162	0.165		1.852	
Pentachlorophenol	0.141	0.161		14.184	20.0
Phenanthrene	0.945	0.906		-4.127	
Anthracene	0.922	0.896		-2.82	
Carbazole	0.857	0.815		-4.901	
Di-n-butylphthalate	0.990	0.951		-3.939	
Fluoranthene	0.955	0.921		-3.56	20.0
Benzidine	0.329	0.410		24.62	
Pyrene	1.751	1.747		-0.228	
Terphenyl-d14	1.227	1.236		0.733	
Butylbenzylphthalate	0.525	0.536		2.095	
3,3-Dichlorobenzidine	0.380	0.427		12.368	
Benzo(a)anthracene	1.302	1.273		-2.227	
Chrysene	1.194	1.169		-2.094	
Bis(2-ethylhexyl)phthalate	0.589	0.652		10.696	
Di-n-octyl phthalate	1.071	1.163		8.59	20.0
Benzo(b)fluoranthene	1.218	1.240		1.806	
Benzo(k)fluoranthene	1.051	0.912		-13.225	

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Lab File ID: BF139952.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	1.002	0.988		-1.397	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.393		8.236	
Dibenzo(a,h)anthracene	1.073	1.155		7.642	
Benzo(g,h,i)perylene	1.072	1.184		10.448	
1,2,4,5-Tetrachlorobenzene	0.540	0.541		0.185	
1,4-Dioxane	0.596	0.552		-7.383	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.318		2.913	
1-Methylnaphthalene	0.620	0.606		-2.258	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG No.: BF102324
Instrument ID: BNA_F Calibration Date/Time: 10/23/2024 : 15:30
Lab File ID: BF139965.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	0.793	0.721		-9.079	
Pyridine	1.476	1.438		-2.575	
2-Fluorophenol	1.278	1.233		-3.521	
Benzaldehyde	0.931	0.939		0.859	
Aniline	1.542	1.487		-3.567	
Phenol-d6	1.655	1.579		-4.592	
Phenol	1.706	1.663		-2.521	20.0
bis(2-Chloroethyl)ether	1.319	1.273		-3.487	
2-Chlorophenol	1.306	1.291		-1.149	
1,2-Dichlorobenzene	1.398	1.383		-1.073	
1,3-Dichlorobenzene	1.499	1.477		-1.468	
1,4-Dichlorobenzene	1.498	1.484		-0.935	20.0
Benzyl Alcohol	1.214	1.150		-5.272	
2-Methylphenol	1.114	1.099		-1.346	
2,2-oxybis(1-Chloropropane)	2.248	2.018		-10.231	
Acetophenone	0.490	0.467		-4.694	
3+4-Methylphenols	1.424	1.388		-2.528	
n-Nitroso-di-n-propylamine	1.004	0.918	0.050	-8.566	
Nitrobenzene-d5	0.361	0.370		2.493	
Hexachloroethane	0.534	0.530		-0.749	
Nitrobenzene	0.396	0.391		-1.263	
Isophorone	0.685	0.651		-4.964	
2-Nitrophenol	0.149	0.175		17.45	20.0
2,4-Dimethylphenol	0.249	0.239		-4.016	
bis(2-Chloroethoxy)methane	0.415	0.397		-4.337	
2,4-Dichlorophenol	0.283	0.283		0.0	20.0
1,2,4-Trichlorobenzene	0.314	0.310		-1.274	
Benzoic acid	0.217	0.241		11.06	
Naphthalene	1.031	1.011		-1.94	
4-Chloroaniline	0.352	0.340		-3.409	
Hexachlorobutadiene	0.197	0.199		1.015	20.0
Caprolactam	0.090	0.092		2.222	
4-Chloro-3-methylphenol	0.314	0.308		-1.911	20.0
2-Methylnaphthalene	0.632	0.618		-2.215	
Hexachlorocyclopentadiene	0.188	0.193	0.050	2.66	
2,4,6-Trichlorophenol	0.382	0.381		-0.262	20.0
2-Fluorobiphenyl	1.210	1.169		-3.388	
2,4,5-Trichlorophenol	0.394	0.415		5.33	
1,1-Biphenyl	1.392	1.351		-2.945	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.121	1.097		-2.141	
2-Nitroaniline	0.343	0.369		7.58	
Dimethylphthalate	1.246	1.226		-1.605	
Acenaphthylene	1.621	1.588		-2.036	
2,6-Dinitrotoluene	0.270	0.289		7.037	
3-Nitroaniline	0.278	0.292		5.036	
Acenaphthene	1.049	1.051		0.191	20.0
2,4-Dinitrophenol	0.093	0.139	0.050	49.462	
4-Nitrophenol	0.214	0.228	0.050	6.542	
Dibenzofuran	1.505	1.458		-3.123	
2,4-Dinitrotoluene	0.332	0.379		14.157	
Diethylphthalate	1.223	1.211		-0.981	
4-Chlorophenyl-phenylether	0.579	0.574		-0.864	
Fluorene	1.146	1.118		-2.443	
4-Nitroaniline	0.263	0.280		6.464	
4,6-Dinitro-2-methylphenol	0.082	0.112		36.585	
n-Nitrosodiphenylamine	0.599	0.583		-2.671	20.0
Azobenzene	1.297	1.226		-5.474	
2,4,6-Tribromophenol	0.187	0.204		9.091	
4-Bromophenyl-phenylether	0.206	0.211		2.427	
Hexachlorobenzene	0.232	0.234		0.862	
Atrazine	0.162	0.166		2.469	
Pentachlorophenol	0.141	0.157		11.348	20.0
Phenanthrene	0.945	0.920		-2.646	
Anthracene	0.922	0.894		-3.037	
Carbazole	0.857	0.815		-4.901	
Di-n-butylphthalate	0.990	0.956		-3.434	
Fluoranthene	0.955	0.893		-6.492	20.0
Benzidine	0.329	0.515		56.535	
Pyrene	1.751	1.731		-1.142	
Terphenyl-d14	1.227	1.227		0.0	
Butylbenzylphthalate	0.525	0.540		2.857	
3,3-Dichlorobenzidine	0.380	0.447		17.632	
Benzo(a)anthracene	1.302	1.293		-0.691	
Chrysene	1.194	1.157		-3.099	
Bis(2-ethylhexyl)phthalate	0.589	0.666		13.073	
Di-n-octyl phthalate	1.071	1.198		11.858	20.0
Benzo(b)fluoranthene	1.218	1.083		-11.084	
Benzo(k)fluoranthene	1.051	1.048		-0.285	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.002	0.978		-2.395	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.280		-0.544	
Dibenzo(a,h)anthracene	1.073	1.060		-1.212	
Benzo(g,h,i)perylene	1.072	1.053		-1.772	
1,2,4,5-Tetrachlorobenzene	0.540	0.540		0.0	
1,4-Dioxane	0.596	0.581		-2.517	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.324		4.854	
1-Methylnaphthalene	0.620	0.602		-2.903	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BL	SDG No.:	BF102324
Lab Sample ID:	PB164020BL	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
BF139953.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

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:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BL	SDG No.:	BF102324
Lab Sample ID:	PB164020BL	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
BF139953.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

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

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BL	SDG No.:	BF102324
Lab Sample ID:	PB164020BL	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
BF139953.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

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	126.044		18-112		84	SPK: -150
13127-88-3	Phenol-d6	122.636		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	92.84		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	86.864		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BL	SDG No.:	BF102324
Lab Sample ID:	PB164020BL	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
BF139953.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.278		10-116		100	SPK: -150
1718-51-0	Terphenyl-d14	80.474		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157434	6.893				
1146-65-2	Naphthalene-d8	620371	8.169				
15067-26-2	Acenaphthene-d10	355818	9.928				
1517-22-2	Phenanthrene-d10	672283	11.41				
1719-03-5	Chrysene-d12	479376	14.051				
1520-96-3	Perylene-d12	375898	15.527				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BS	SDG No.:	BF102324
Lab Sample ID:	PB164020BS	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
BF139954.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	620		180	270	330	ug/Kg
62-53-3	Aniline	1400		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		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	1600		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)	1500		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	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		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	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	770		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BS	SDG No.:	BF102324
Lab Sample ID:	PB164020BS	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
BF139954.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81	130	170	ug/Kg
Total PAH	Total PAH	27300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3700		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		86.1	130	170	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	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2000		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BS	SDG No.:	BF102324
Lab Sample ID:	PB164020BS	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
BF139954.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	1900		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		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	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		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	1900		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.832		18-112		87	SPK: -150
13127-88-3	Phenol-d6	128.638		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	97.037		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	92.628		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	PB164020BS	SDG No.:	BF102324
Lab Sample ID:	PB164020BS	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
BF139954.D	1	10/10/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164020

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.493		10-116		108	SPK: -150
1718-51-0	Terphenyl-d14	105.445		10-105		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145453	6.892				
1146-65-2	Naphthalene-d8	571435	8.175				
15067-26-2	Acenaphthene-d10	326976	9.927				
1517-22-2	Phenanthrene-d10	595466	11.416				
1719-03-5	Chrysene-d12	306351	14.057				
1520-96-3	Perylene-d12	324169	15.533				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BL	SDG No.:	BF102324
Lab Sample ID:	PB164237BL	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
BF139955.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

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

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BL	SDG No.:	BF102324
Lab Sample ID:	PB164237BL	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
BF139955.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

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

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BL	SDG No.:	BF102324
Lab Sample ID:	PB164237BL	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
BF139955.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.004		18-112		81	SPK: -150
13127-88-3	Phenol-d6	117.916		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	90.068		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	85.737		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BL	SDG No.:	BF102324
Lab Sample ID:	PB164237BL	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
BF139955.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.814		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	80.177		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161293	6.887				
1146-65-2	Naphthalene-d8	627475	8.169				
15067-26-2	Acenaphthene-d10	355535	9.928				
1517-22-2	Phenanthrene-d10	670496	11.41				
1719-03-5	Chrysene-d12	446379	14.051				
1520-96-3	Perylene-d12	355399	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.134	

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BS	SDG No.:	BF102324
Lab Sample ID:	PB164237BS	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
BF139956.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1400		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	550		180	270	330	ug/Kg
62-53-3	Aniline	1400		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	710		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BS	SDG No.:	BF102324
Lab Sample ID:	PB164237BS	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
BF139956.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81.1	130	170	ug/Kg
Total PAH	Total PAH	27000		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1600		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	2000		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BS	SDG No.:	BF102324
Lab Sample ID:	PB164237BS	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
BF139956.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1700		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	2000		160	270	330	ug/Kg
129-00-0	Pyrene	1600		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.7	130	170	ug/Kg
218-01-9	Chrysene	1700		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.219		18-112		85	SPK: -150
13127-88-3	Phenol-d6	125.978		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	94.78		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	91.494		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164237BS	SDG No.:	BF102324
Lab Sample ID:	PB164237BS	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
BF139956.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164237

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.727		10-116		105	SPK: -150
1718-51-0	Terphenyl-d14	98.172		10-105		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153790	6.892				
1146-65-2	Naphthalene-d8	606740	8.175				
15067-26-2	Acenaphthene-d10	340748	9.928				
1517-22-2	Phenanthrene-d10	610666	11.416				
1719-03-5	Chrysene-d12	319638	14.057				
1520-96-3	Perylene-d12	339182	15.533				

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164208BL	SDG No.:	BF102324
Lab Sample ID:	PB164208BL	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
BF139957.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164208

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

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164208BL	SDG No.:	BF102324
Lab Sample ID:	PB164208BL	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
BF139957.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164208

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

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164208BL	SDG No.:	BF102324
Lab Sample ID:	PB164208BL	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
BF139957.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.02		18-112		85	SPK: -150
13127-88-3	Phenol-d6	122.869		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	92.509		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	88.749		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164208BL	SDG No.:	BF102324
Lab Sample ID:	PB164208BL	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
BF139957.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.231		10-116		100	SPK: -150
1718-51-0	Terphenyl-d14	84.721		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160805	6.887				
1146-65-2	Naphthalene-d8	631044	8.169				
15067-26-2	Acenaphthene-d10	354621	9.928				
1517-22-2	Phenanthrene-d10	668162	11.41				
1719-03-5	Chrysene-d12	452366	14.051				
1520-96-3	Perylene-d12	359351	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.134	

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164216BS	SDG No.:	BF102324
Lab Sample ID:	PB164216BS	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
BF139958.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	550		180	270	330	ug/Kg
62-53-3	Aniline	1400		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		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	1600		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)	1500		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	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		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	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	700		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164216BS	SDG No.:	BF102324
Lab Sample ID:	PB164216BS	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
BF139958.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81	130	170	ug/Kg
Total PAH	Total PAH	27200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3700		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	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2000		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164216BS	SDG No.:	BF102324
Lab Sample ID:	PB164216BS	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
BF139958.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1700		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	2100		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		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	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		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	1900		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.985		18-112		86	SPK: -150
13127-88-3	Phenol-d6	127.721		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	97.664		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	93.201		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	PB164216BS	SDG No.:	BF102324
Lab Sample ID:	PB164216BS	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
BF139958.D	1	10/17/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.47		10-116		106	SPK: -150
1718-51-0	Terphenyl-d14	102.971		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153415	6.893				
1146-65-2	Naphthalene-d8	597946	8.175				
15067-26-2	Acenaphthene-d10	337040	9.928				
1517-22-2	Phenanthrene-d10	608398	11.416				
1719-03-5	Chrysene-d12	308469	14.057				
1520-96-3	Perylene-d12	334273	15.533				

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BS	SDG No.:	BF102324
Lab Sample ID:	PB164123BS	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
BF139959.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1400		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	580		180	270	330	ug/Kg
62-53-3	Aniline	1500		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	860		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BS	SDG No.:	BF102324
Lab Sample ID:	PB164123BS	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
BF139959.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1800		81.1	130	170	ug/Kg
Total PAH	Total PAH	27100		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4400	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3500	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3600		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.6	130	170	ug/Kg
86-73-7	Fluorene	1600		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BS	SDG No.:	BF102324
Lab Sample ID:	PB164123BS	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
BF139959.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1700		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.7	130	170	ug/Kg
92-87-5	Benzidine	2100		160	270	330	ug/Kg
129-00-0	Pyrene	1700		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.7	130	170	ug/Kg
218-01-9	Chrysene	1700		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.018		18-112		87	SPK: -150
13127-88-3	Phenol-d6	127.788		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	96.858		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	91.582		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	PB164123BS	SDG No.:	BF102324
Lab Sample ID:	PB164123BS	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
BF139959.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.016		10-116		105	SPK: -150
1718-51-0	Terphenyl-d14	102.635		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157015	6.892				
1146-65-2	Naphthalene-d8	616380	8.175				
15067-26-2	Acenaphthene-d10	348472	9.928				
1517-22-2	Phenanthrene-d10	625574	11.416				
1719-03-5	Chrysene-d12	318250	14.057				
1520-96-3	Perylene-d12	349349	15.533				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BS	SDG No.:	BF102324
Lab Sample ID:	PB164154BS	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
BF139960.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.4		1	8	10	ug/L
110-86-1	Pyridine	41.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.2		4	8	10	ug/L
62-53-3	Aniline	40.5		1.6	4	5	ug/L
108-95-2	Phenol	46.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.9		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	45.6		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.9		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46		1.4	4	5	ug/L
98-86-2	Acetophenone	46.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	46.5		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.3		1	4	5	ug/L
98-95-3	Nitrobenzene	46.2		1.3	4	5	ug/L
78-59-1	Isophorone	48.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	58.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	57.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.1		5.5	8	10	ug/L
91-20-3	Naphthalene	46.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	21.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BS	SDG No.:	BF102324
Lab Sample ID:	PB164154BS	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
BF139960.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	54		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	52.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.1		0.81	4	5	ug/L
Total PAH	Total PAH	802.4		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	57.8		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.9		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.4		0.98	4	5	ug/L
86-73-7	Fluorene	48.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	70.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48		0.89	4	5	ug/L
103-33-3	Azobenzene	47.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	49.6		1.1	4	5	ug/L
1912-24-9	Atrazine	58.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BS	SDG No.:	BF102324
Lab Sample ID:	PB164154BS	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
BF139960.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.9	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48.2		0.89	4	5	ug/L
120-12-7	Anthracene	50.3		1.1	4	5	ug/L
86-74-8	Carbazole	46.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	49		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.2		1.3	4	5	ug/L
92-87-5	Benzidine	55.5		4.1	8	10	ug/L
129-00-0	Pyrene	48.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.3		0.94	4	5	ug/L
218-01-9	Chrysene	50.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	57.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	39.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.507		10-139		86	SPK: -150
13127-88-3	Phenol-d6	126.915		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	98.452		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	93.316		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BS	SDG No.:	BF102324
Lab Sample ID:	PB164154BS	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
BF139960.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.261		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	98.385		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155060	6.893				
1146-65-2	Naphthalene-d8	598190	8.175				
15067-26-2	Acenaphthene-d10	337425	9.928				
1517-22-2	Phenanthrene-d10	611801	11.416				
1719-03-5	Chrysene-d12	325970	14.057				
1520-96-3	Perylene-d12	358287	15.533				

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BSD	SDG No.:	BF102324
Lab Sample ID:	PB164154BSD	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
BF139961.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.3		1	8	10	ug/L
110-86-1	Pyridine	41.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17.2		4	8	10	ug/L
62-53-3	Aniline	40.3		1.6	4	5	ug/L
108-95-2	Phenol	46.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.4		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	47.6		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	48.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.7		1.4	4	5	ug/L
98-86-2	Acetophenone	45.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.3		1	4	5	ug/L
98-95-3	Nitrobenzene	45.5		1.3	4	5	ug/L
78-59-1	Isophorone	47.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	57.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	55.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	49.8		5.5	8	10	ug/L
91-20-3	Naphthalene	45.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	19.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BSD	SDG No.:	BF102324
Lab Sample ID:	PB164154BSD	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
BF139961.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	52.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	53.9		0.81	4	5	ug/L
Total PAH	Total PAH	799.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	47.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	57.7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.6		0.98	4	5	ug/L
86-73-7	Fluorene	47.4		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	52.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	70.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47.7		0.89	4	5	ug/L
103-33-3	Azobenzene	47.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.9		1.1	4	5	ug/L
1912-24-9	Atrazine	58.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BSD	SDG No.:	BF102324
Lab Sample ID:	PB164154BSD	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
BF139961.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.5		0.89	4	5	ug/L
120-12-7	Anthracene	49.3		1.1	4	5	ug/L
86-74-8	Carbazole	46.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.8		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.5		1.3	4	5	ug/L
92-87-5	Benzidine	56.2		4.1	8	10	ug/L
129-00-0	Pyrene	49.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.8		0.94	4	5	ug/L
218-01-9	Chrysene	50.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	39.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.736		10-139		85	SPK: -150
13127-88-3	Phenol-d6	126.002		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	96.27		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	90.399		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	PB164154BSD	SDG No.:	BF102324
Lab Sample ID:	PB164154BSD	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
BF139961.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	160.629		44-137		107	SPK: -150
1718-51-0	Terphenyl-d14	100.404		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161665	6.893				
1146-65-2	Naphthalene-d8	636044	8.175				
15067-26-2	Acenaphthene-d10	355843	9.928				
1517-22-2	Phenanthrene-d10	646570	11.416				
1719-03-5	Chrysene-d12	335936	14.057				
1520-96-3	Perylene-d12	357796	15.533				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BL	SDG No.:	BF102324
Lab Sample ID:	PB164286BL	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
BF139962.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BL	SDG No.:	BF102324
Lab Sample ID:	PB164286BL	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
BF139962.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BL	SDG No.:	BF102324
Lab Sample ID:	PB164286BL	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
BF139962.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	134.468		18-112		90	SPK: -150
13127-88-3	Phenol-d6	130.669		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	99.424		18-107		99	SPK: -100
321-60-8	2-Fluorobiphenyl	94.748		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BL	SDG No.:	BF102324
Lab Sample ID:	PB164286BL	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
BF139962.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.446		10-116		104	SPK: -150
1718-51-0	Terphenyl-d14	98.449		10-105		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146341	6.887				
1146-65-2	Naphthalene-d8	564292	8.169				
15067-26-2	Acenaphthene-d10	320476	9.928				
1517-22-2	Phenanthrene-d10	596529	11.41				
1719-03-5	Chrysene-d12	356991	14.051				
1520-96-3	Perylene-d12	312503	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.134	

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BS	SDG No.:	BF102324
Lab Sample ID:	PB164286BS	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
BF139963.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1300		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	450		180	270	330	ug/Kg
62-53-3	Aniline	1600		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1100		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BS	SDG No.:	BF102324
Lab Sample ID:	PB164286BS	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
BF139963.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5300	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81.1	130	170	ug/Kg
Total PAH	Total PAH	23800		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1400		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BS	SDG No.:	BF102324
Lab Sample ID:	PB164286BS	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
BF139963.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1400		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1400		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.7	130	170	ug/Kg
92-87-5	Benzidine	2700		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	123.258		18-112		82	SPK: -150
13127-88-3	Phenol-d6	120.026		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	91.814		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	86.525		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	PB164286BS	SDG No.:	BF102324
Lab Sample ID:	PB164286BS	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
BF139963.D	1	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.42		10-116		98	SPK: -150
1718-51-0	Terphenyl-d14	95.706		10-105		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158593	6.893				
1146-65-2	Naphthalene-d8	620873	8.175				
15067-26-2	Acenaphthene-d10	350222	9.928				
1517-22-2	Phenanthrene-d10	635882	11.416				
1719-03-5	Chrysene-d12	319612	14.057				
1520-96-3	Perylene-d12	347575	15.533				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164195TB	SDG No.:	BF102324
Lab Sample ID:	PB164195TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139966.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164246

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

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164195TB	SDG No.:	BF102324
Lab Sample ID:	PB164195TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139966.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164246

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

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164195TB	SDG No.:	BF102324
Lab Sample ID:	PB164195TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139966.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.427		10-139		91	SPK: -150
13127-88-3	Phenol-d6	133.115		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	99.77		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	96.827		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	PB164195TB	SDG No.:	BF102324
Lab Sample ID:	PB164195TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139966.D	1	10/18/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164246

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.948		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	98.066		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140748	6.887				
1146-65-2	Naphthalene-d8	553544	8.169				
15067-26-2	Acenaphthene-d10	312540	9.922				
1517-22-2	Phenanthrene-d10	576047	11.41				
1719-03-5	Chrysene-d12	352149	14.051				
1520-96-3	Perylene-d12	309751	15.527				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139967.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	130		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139967.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	69.4		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	67.1		8.1	40	50	ug/L
Total PAH	Total PAH	285.4	J	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	34.3	J	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139967.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	54		8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	67.7		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.053		10-139		89	SPK: -150
13127-88-3	Phenol-d6	127.02		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	98.613		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	91.946		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139967.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.538		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	91.213		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156242	6.892				
1146-65-2	Naphthalene-d8	612656	8.169				
15067-26-2	Acenaphthene-d10	337691	9.927				
1517-22-2	Phenanthrene-d10	580027	11.41				
1719-03-5	Chrysene-d12	346002	14.051				
1520-96-3	Perylene-d12	384483	15.527				

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	OG-315-HR-502-COMP-30DL	SDG No.:	BF102324
Lab Sample ID:	P4443-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139968.D	10	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	610	U	610	1900	2300	ug/Kg
110-86-1	Pyridine	560	U	560	910	1200	ug/Kg
100-52-7	Benzaldehyde	1300	U	1300	1900	2300	ug/Kg
62-53-3	Aniline	680	U	680	910	1200	ug/Kg
108-95-2	Phenol	580	U	580	910	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	580	U	580	910	1200	ug/Kg
95-57-8	2-Chlorophenol	580	U	580	910	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	590	U	590	910	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	600	U	600	910	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	600	U	600	910	1200	ug/Kg
100-51-6	Benzyl Alcohol	580	U	580	1900	2300	ug/Kg
95-48-7	2-Methylphenol	560	U	560	910	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	630	U	630	910	1200	ug/Kg
98-86-2	Acetophenone	610	U	610	910	1200	ug/Kg
65794-96-9	3+4-Methylphenols	560	U	560	1900	2300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	280	U	280	560	560	ug/Kg
67-72-1	Hexachloroethane	580	U	580	910	1200	ug/Kg
98-95-3	Nitrobenzene	630	U	630	910	1200	ug/Kg
78-59-1	Isophorone	590	U	590	910	1200	ug/Kg
88-75-5	2-Nitrophenol	660	U	660	910	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	650	U	650	910	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	600	U	600	910	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	530	U	530	910	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	600	U	600	910	1200	ug/Kg
65-85-0	Benzoic acid	1700	U	1700	1900	2300	ug/Kg
91-20-3	Naphthalene	580	U	580	910	1200	ug/Kg
106-47-8	4-Chloroaniline	580	U	580	910	1200	ug/Kg
87-68-3	Hexachlorobutadiene	580	U	580	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	OG-315-HR-502-COMP-30DL	SDG No.:	BF102324
Lab Sample ID:	P4443-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139968.D	10	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	610	U	610	1900	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	540	U	540	910	1200	ug/Kg
91-57-6	2-Methylnaphthalene	580	U	580	910	1200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	1900	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	500	U	500	910	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	U	520	910	1200	ug/Kg
92-52-4	1,1-Biphenyl	610	U	610	910	1200	ug/Kg
91-58-7	2-Chloronaphthalene	580	U	580	910	1200	ug/Kg
88-74-4	2-Nitroaniline	660	U	660	910	1200	ug/Kg
131-11-3	Dimethylphthalate	570	U	570	910	1200	ug/Kg
208-96-8	Acenaphthylene	600	U	600	910	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	580	U	580	910	1200	ug/Kg
99-09-2	3-Nitroaniline	620	U	620	910	1200	ug/Kg
83-32-9	Acenaphthene	570	U	570	910	1200	ug/Kg
Total PAH	Total PAH	31750	UD	9260	910	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1700	U	1700	1900	2300	ug/Kg
100-02-7	4-Nitrophenol	810	U	810	1900	2300	ug/Kg
132-64-9	Dibenzofuran	590	U	590	910	1200	ug/Kg
121-14-2	2,4-Dinitrotoluene	600	U	600	910	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	180	U	1180	910	2400	ug/Kg
84-66-2	Diethylphthalate	560	U	560	910	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	600	U	600	910	1200	ug/Kg
86-73-7	Fluorene	600	U	600	910	1200	ug/Kg
100-01-6	4-Nitroaniline	750	U	750	910	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	820	U	820	1900	2300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	570	U	570	910	1200	ug/Kg
103-33-3	Azobenzene	560	U	560	910	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	550	U	550	910	1200	ug/Kg
118-74-1	Hexachlorobenzene	590	U	590	910	1200	ug/Kg
1912-24-9	Atrazine	640	U	640	910	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	OG-315-HR-502-COMP-30DL	SDG No.:	BF102324
Lab Sample ID:	P4443-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139968.D	10	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	540	U	540	1900	2300	ug/Kg
85-01-8	Phenanthrene	5300	D	590	910	1200	ug/Kg
120-12-7	Anthracene	980	JD	590	910	1200	ug/Kg
86-74-8	Carbazole	560	U	560	910	1200	ug/Kg
84-74-2	Di-n-butylphthalate	590	U	590	910	1200	ug/Kg
206-44-0	Fluoranthene	5900	D	570	910	1200	ug/Kg
92-87-5	Benzidine	1100	U	1100	1900	2300	ug/Kg
129-00-0	Pyrene	4500	D	580	910	1200	ug/Kg
85-68-7	Butylbenzylphthalate	680	U	680	910	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	690	U	690	1900	2300	ug/Kg
56-55-3	Benzo(a)anthracene	3200	D	560	910	1200	ug/Kg
218-01-9	Chrysene	3200	D	550	910	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	630	U	630	910	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	770	U	770	1900	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	2900	D	570	910	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	D	580	910	1200	ug/Kg
50-32-8	Benzo(a)pyrene	2600	D	650	910	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	JD	540	910	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	570	U	570	910	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950	JD	560	910	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	610	U	610	910	1200	ug/Kg
123-91-1	1,4-Dioxane	770	U	770	910	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	520	U	520	910	1200	ug/Kg
90-12-0	1-Methylnaphthalene	580	U	580	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.24		18-112		45	SPK: -150
13127-88-3	Phenol-d6	83.52		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	60.24		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	82.11		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	OG-315-HR-502-COMP-30DL	SDG No.:	BF102324
Lab Sample ID:	P4443-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139968.D	10	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.5		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	60.76		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153196	6.887				
1146-65-2	Naphthalene-d8	564160	8.169				
15067-26-2	Acenaphthene-d10	291321	9.922				
1517-22-2	Phenanthrene-d10	448826	11.41				
1719-03-5	Chrysene-d12	321776	14.051				
1520-96-3	Perylene-d12	388344	15.527				

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	280517	SDG No.:	BF102324
Lab Sample ID:	P4458-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139969.D	2	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	370	450	ug/Kg
110-86-1	Pyridine	110	U	110	180	230	ug/Kg
100-52-7	Benzaldehyde	250	U	250	370	450	ug/Kg
62-53-3	Aniline	130	U	130	180	230	ug/Kg
108-95-2	Phenol	110	U	110	180	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	180	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	180	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	180	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	180	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	180	230	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	370	450	ug/Kg
95-48-7	2-Methylphenol	110	U	110	180	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	180	230	ug/Kg
98-86-2	Acetophenone	120	U	120	180	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	370	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.1	U	55.1	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	180	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	180	230	ug/Kg
78-59-1	Isophorone	120	U	120	180	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	180	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	180	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	180	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	180	230	ug/Kg
65-85-0	Benzoic acid	320	U	320	370	450	ug/Kg
91-20-3	Naphthalene	110	U	110	180	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	180	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	280517	SDG No.:	BF102324
Lab Sample ID:	P4458-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139969.D	2	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	370	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	180	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	180	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	370	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97.7	U	97.7	180	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	180	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	180	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	180	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	180	230	ug/Kg
208-96-8	Acenaphthylene	120	U	120	180	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	180	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	180	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	180	230	ug/Kg
Total PAH	Total PAH	1810	U	1810	180	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	370	450	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	370	450	ug/Kg
132-64-9	Dibenzofuran	120	U	120	180	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	180	460	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	180	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	180	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	180	230	ug/Kg
86-73-7	Fluorene	120	U	120	180	230	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	180	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	370	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	180	230	ug/Kg
103-33-3	Azobenzene	110	U	110	180	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	180	230	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	180	230	ug/Kg
1912-24-9	Atrazine	130	U	130	180	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	280517	SDG No.:	BF102324
Lab Sample ID:	P4458-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139969.D	2	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	370	450	ug/Kg
85-01-8	Phenanthrene	150	J	110	180	230	ug/Kg
120-12-7	Anthracene	120	U	120	180	230	ug/Kg
86-74-8	Carbazole	110	U	110	180	230	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	180	230	ug/Kg
206-44-0	Fluoranthene	230		110	180	230	ug/Kg
92-87-5	Benzidine	220	U	220	370	450	ug/Kg
129-00-0	Pyrene	120	J	110	180	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	180	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	370	450	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	110	180	230	ug/Kg
218-01-9	Chrysene	110	U	110	180	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	180	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	370	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	110	180	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	180	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	180	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	180	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	180	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	180	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	180	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	180	230	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.476		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.128		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	55.006		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	59.248		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	280517	SDG No.:	BF102324
Lab Sample ID:	P4458-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.4
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139969.D	2	10/21/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.646		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	40.048		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163623	6.887				
1146-65-2	Naphthalene-d8	576692	8.169				
15067-26-2	Acenaphthene-d10	276883	9.928				
1517-22-2	Phenanthrene-d10	425444	11.41				
1719-03-5	Chrysene-d12	373812	14.051				
1520-96-3	Perylene-d12	365815	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.169	
000141-79-7	3-Penten-2-one, 4-methyl-	200	A			4.493	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.098	
000057-10-3	n-Hexadecanoic acid	140	J			11.933	
000481-21-0	Cholestane	230	J			15.686	
000601-58-1	Stigmastane	110	J			16.074	
053584-60-4	28-Nor-17.alpha.(H)-hopane	310	J			16.262	
013849-96-2	17.alpha.(H),21.beta.(H)-Hopane	360	J			16.709	

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-06MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139970.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	J	40	80	100	ug/L
62-53-3	Aniline	150		16	40	50	ug/L
108-95-2	Phenol	410		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	450		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	450		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	410		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	450		16	80	100	ug/L
95-48-7	2-Methylphenol	450		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	420		13.5	40	50	ug/L
98-86-2	Acetophenone	450		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	430		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	440		14.8	25	25	ug/L
67-72-1	Hexachloroethane	400		10.1	40	50	ug/L
98-95-3	Nitrobenzene	430		12.7	40	50	ug/L
78-59-1	Isophorone	460		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	550		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	540		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	460		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		11	40	50	ug/L
65-85-0	Benzoic acid	430		54.7	80	100	ug/L
91-20-3	Naphthalene	510		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	59.2		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-06MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139970.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	390		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	430		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	490		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	830	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	500		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	480		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	530		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	520		9.3	40	50	ug/L
208-96-8	Acenaphthylene	510		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	200		13.7	40	50	ug/L
83-32-9	Acenaphthene	550		8.1	40	50	ug/L
Total PAH	Total PAH	7580		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	870	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	890	E	20	80	100	ug/L
132-64-9	Dibenzofuran	480		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4030		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
84-66-2	Diethylphthalate	480		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	470		9.8	40	50	ug/L
86-73-7	Fluorene	480		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	420		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	560		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	530		8.9	40	50	ug/L
103-33-3	Azobenzene	440		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	530		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	510		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-06MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF139970.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	520		10.7	40	50	ug/L
86-74-8	Carbazole	480		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	540		14.7	40	50	ug/L
206-44-0	Fluoranthene	520		12.9	40	50	ug/L
92-87-5	Benzidine	370		40.7	80	100	ug/L
129-00-0	Pyrene	370		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	530		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	390		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	500		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	650		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	650		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	560		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	530		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	550		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	330		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	340		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	280		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	490		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.22		10-139		85	SPK: -150
13127-88-3	Phenol-d6	118.007		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	99.596		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	101.95		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-06MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139970.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.416		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	79.001		48-125		79	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145719	6.893				
1146-65-2	Naphthalene-d8	539980	8.175				
15067-26-2	Acenaphthene-d10	259652	9.928				
1517-22-2	Phenanthrene-d10	394534	11.416				
1719-03-5	Chrysene-d12	319585	14.057				
1520-96-3	Perylene-d12	328571	15.533				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-06MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139971.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	430		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	42.3	J	40	80	100	ug/L
62-53-3	Aniline	160		16	40	50	ug/L
108-95-2	Phenol	440		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	480		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	470		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	490		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	470		14.8	25	25	ug/L
67-72-1	Hexachloroethane	440		10.1	40	50	ug/L
98-95-3	Nitrobenzene	490		12.7	40	50	ug/L
78-59-1	Isophorone	510		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	590		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	600		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	510		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	520		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	480		11	40	50	ug/L
65-85-0	Benzoic acid	470		54.7	80	100	ug/L
91-20-3	Naphthalene	570		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	53.2		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	490		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-06MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139971.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	430		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	540		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	940	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	570		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	560		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	530		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	570		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	550		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	180		13.7	40	50	ug/L
83-32-9	Acenaphthene	610		8.1	40	50	ug/L
Total PAH	Total PAH	8340		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	970	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	980	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	570		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120		27.6	40	100	ug/L
84-66-2	Diethylphthalate	540		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	520		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	460		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	640		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	590		8.9	40	50	ug/L
103-33-3	Azobenzene	470		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	580		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	550		11.4	40	50	ug/L
1912-24-9	Atrazine	560		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-06MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139971.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	590		8.9	40	50	ug/L
120-12-7	Anthracene	580		10.7	40	50	ug/L
86-74-8	Carbazole	540		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	590		14.7	40	50	ug/L
206-44-0	Fluoranthene	590		12.9	40	50	ug/L
92-87-5	Benzidine	310		40.7	80	100	ug/L
129-00-0	Pyrene	400		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	570		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	400		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	720		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	720		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	610		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	600		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	360		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	370		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	310		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	570		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	420		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	510		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.531		10-139		93	SPK: -150
13127-88-3	Phenol-d6	129.876		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	111.213		49-133		111	SPK: -100
321-60-8	2-Fluorobiphenyl	112.404		52-132		112	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-06MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139971.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.393		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	84.91		48-125		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137496	6.893				
1146-65-2	Naphthalene-d8	502859	8.175				
15067-26-2	Acenaphthene-d10	242617	9.928				
1517-22-2	Phenanthrene-d10	363131	11.416				
1719-03-5	Chrysene-d12	305569	14.057				
1520-96-3	Perylene-d12	311545	15.533				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139972.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139972.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139972.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	560		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.786		10-139		83	SPK: -150
13127-88-3	Phenol-d6	109.087		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	104.576		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	105.492		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139972.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.391		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	74.992		48-125		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	139555	6.892				
1146-65-2	Naphthalene-d8	498180	8.169				
15067-26-2	Acenaphthene-d10	238869	9.922				
1517-22-2	Phenanthrene-d10	356328	11.41				
1719-03-5	Chrysene-d12	321296	14.051				
1520-96-3	Perylene-d12	302161	15.527				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-345	SDG No.:	BF102324
Lab Sample ID:	P4468-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BF139973.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-345	SDG No.:	BF102324
Lab Sample ID:	P4468-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139973.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM		
Project:				Date Received:	10/21/2024 12:00:00 AM		
Client Sample ID:	ETGI-345			SDG No.:	BF102324		
Lab Sample ID:	P4468-06			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	100	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139973.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	210		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.248		10-139		77	SPK: -150
13127-88-3	Phenol-d6	102.336		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	98.535		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	96.92		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-345	SDG No.:	BF102324
Lab Sample ID:	P4468-06	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139973.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.357		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	69.379		48-125		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147918	6.892				
1146-65-2	Naphthalene-d8	541314	8.169				
15067-26-2	Acenaphthene-d10	268595	9.922				
1517-22-2	Phenanthrene-d10	403583	11.41				
1719-03-5	Chrysene-d12	340738	14.051				
1520-96-3	Perylene-d12	309184	15.527				

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139974.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139974.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

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

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139974.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.945		10-139		84	SPK: -150
13127-88-3	Phenol-d6	112.804		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	100.339		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	101.948		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139974.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164315

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.751		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	73.28		48-125		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141549	6.892				
1146-65-2	Naphthalene-d8	537624	8.169				
15067-26-2	Acenaphthene-d10	260732	9.922				
1517-22-2	Phenanthrene-d10	391613	11.41				
1719-03-5	Chrysene-d12	328805	14.051				
1520-96-3	Perylene-d12	301905	15.527				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-SW	SDG No.:	BF102324
Lab Sample ID:	P4397-04	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
BF139975.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

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:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-SW	SDG No.:	BF102324
Lab Sample ID:	P4397-04	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
BF139975.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

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:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-SW	SDG No.:	BF102324
Lab Sample ID:	P4397-04	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
BF139975.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

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	63.797		10-139		43	SPK: -150
13127-88-3	Phenol-d6	44.199		10-134		29	SPK: -150
4165-60-0	Nitrobenzene-d5	96.882		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	95.659		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-SW	SDG No.:	BF102324
Lab Sample ID:	P4397-04	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
BF139975.D	1	10/15/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164154

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.489		44-137		75	SPK: -150
1718-51-0	Terphenyl-d14	67.257		48-125		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146831	6.887				
1146-65-2	Naphthalene-d8	541523	8.169				
15067-26-2	Acenaphthene-d10	276437	9.922				
1517-22-2	Phenanthrene-d10	397037	11.41				
1719-03-5	Chrysene-d12	340671	14.051				
1520-96-3	Perylene-d12	311683	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	220	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.6	A			5.11	
000119-61-9	Benzophenone	2.6	J			10.634	
000057-10-3	n-Hexadecanoic acid	2.1	J			11.933	

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
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
BF139976.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	360	430	ug/Kg
110-86-1	Pyridine	110	U	110	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	360	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	360	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	360	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53	U	53	110	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99.3	U	99.3	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	360	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
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
BF139976.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	360	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	360	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.9	U	93.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.3	U	97.3	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	140	J	110	170	220	ug/Kg
Total PAH	Total PAH	1750	U	1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	360	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	360	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
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
BF139976.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	360	430	ug/Kg
85-01-8	Phenanthrene	330		110	170	220	ug/Kg
120-12-7	Anthracene	110	J	110	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	150	J	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	360	430	ug/Kg
129-00-0	Pyrene	130	J	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	360	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	360	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	98.2	U	98.2	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.39		18-112		76	SPK: -150
13127-88-3	Phenol-d6	108.285		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	83.801		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.625		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOT	SDG No.:	BF102324
Lab Sample ID:	P4397-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
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
BF139976.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.012		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	57.61		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146113	6.893				
1146-65-2	Naphthalene-d8	542139	8.169				
15067-26-2	Acenaphthene-d10	263407	9.922				
1517-22-2	Phenanthrene-d10	381099	11.41				
1719-03-5	Chrysene-d12	321287	14.051				
1520-96-3	Perylene-d12	306800	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4000	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.122	
000544-76-3	Hexadecane	91.6	J			9.322	
000581-40-8	Naphthalene, 2,3-dimethyl-	110	J			9.581	
000629-92-5	Nonadecane	91.2	J			10.351	
000119-61-9	Benzophenone	690	J			10.639	
013187-99-0	2-Bromo dodecane	110	J			10.834	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	96.9	J			10.945	
000057-10-3	n-Hexadecanoic acid	340	J			11.933	
	unknown12.022	150	J			12.022	
	unknown12.498	100	J			12.498	
959085-66-6	Heptadecyl heptafluorobutyrate	160	J			13.904	
015600-08-5	Cholestan-3-one	100	J			16.462	

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139977.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2100		110	350	430	ug/Kg
110-86-1	Pyridine	2000		100	170	220	ug/Kg
100-52-7	Benzaldehyde	830		240	350	430	ug/Kg
62-53-3	Aniline	1300		130	170	220	ug/Kg
108-95-2	Phenol	2100		110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	170	220	ug/Kg
95-57-8	2-Chlorophenol	2200		110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	2200		110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	2200		110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	2200		110	350	430	ug/Kg
95-48-7	2-Methylphenol	2200		110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		120	170	220	ug/Kg
98-86-2	Acetophenone	2200		110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	2100		100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		52.9	110	110	ug/Kg
67-72-1	Hexachloroethane	2100		110	170	220	ug/Kg
98-95-3	Nitrobenzene	2200		120	170	220	ug/Kg
78-59-1	Isophorone	2200		110	170	220	ug/Kg
88-75-5	2-Nitrophenol	2600		120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		99.1	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2100		110	170	220	ug/Kg
65-85-0	Benzoic acid	1700		310	350	430	ug/Kg
91-20-3	Naphthalene	2200		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	550		110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	2200		110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139977.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	2200		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100		200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		93.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		97.2	170	220	ug/Kg
92-52-4	1,1-Biphenyl	2300		110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	2200		110	170	220	ug/Kg
88-74-4	2-Nitroaniline	2400		120	170	220	ug/Kg
131-11-3	Dimethylphthalate	2400		110	170	220	ug/Kg
208-96-8	Acenaphthylene	2300		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		110	170	220	ug/Kg
99-09-2	3-Nitroaniline	1300		120	170	220	ug/Kg
83-32-9	Acenaphthene	2400		110	170	220	ug/Kg
Total PAH	Total PAH	35000		1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	2400		320	350	430	ug/Kg
100-02-7	4-Nitrophenol	4100	E	150	350	430	ug/Kg
132-64-9	Dibenzofuran	2200		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4700		220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	170	220	ug/Kg
84-66-2	Diethylphthalate	2200		110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		110	170	220	ug/Kg
86-73-7	Fluorene	2100		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	1900		140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2600		110	170	220	ug/Kg
103-33-3	Azobenzene	2500		100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600		100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	2400		110	170	220	ug/Kg
1912-24-9	Atrazine	2900		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139977.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4400	E	100	350	430	ug/Kg
85-01-8	Phenanthrene	2600		110	170	220	ug/Kg
120-12-7	Anthracene	2500		110	170	220	ug/Kg
86-74-8	Carbazole	2200		110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	2500		110	170	220	ug/Kg
206-44-0	Fluoranthene	2400		110	170	220	ug/Kg
92-87-5	Benzidine	1800		210	350	430	ug/Kg
129-00-0	Pyrene	1800		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	2400		130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	2400		110	170	220	ug/Kg
218-01-9	Chrysene	2400		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	3100		140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2500		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		110	170	220	ug/Kg
123-91-1	1,4-Dioxane	2100		140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		98.1	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	2100		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.583		18-112		76	SPK: -150
13127-88-3	Phenol-d6	111.067		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	87.214		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	87.652		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMS	SDG No.:	BF102324
Lab Sample ID:	P4397-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139977.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	113.81		10-116		76	SPK: -150
1718-51-0	Terphenyl-d14	62.71		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145039	6.893				
1146-65-2	Naphthalene-d8	535106	8.175				
15067-26-2	Acenaphthene-d10	263539	9.928				
1517-22-2	Phenanthrene-d10	377320	11.416				
1719-03-5	Chrysene-d12	297713	14.057				
1520-96-3	Perylene-d12	304160	15.527				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139978.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2100		110	350	430	ug/Kg
110-86-1	Pyridine	2100		100	170	220	ug/Kg
100-52-7	Benzaldehyde	830		240	350	430	ug/Kg
62-53-3	Aniline	1400		130	170	220	ug/Kg
108-95-2	Phenol	2200		110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2200		110	170	220	ug/Kg
95-57-8	2-Chlorophenol	2300		110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	2200		110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	2100		110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	2200		110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	2200		110	350	430	ug/Kg
95-48-7	2-Methylphenol	2200		110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		120	170	220	ug/Kg
98-86-2	Acetophenone	2200		110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	2100		100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		52.9	100	100	ug/Kg
67-72-1	Hexachloroethane	2200		110	170	220	ug/Kg
98-95-3	Nitrobenzene	2100		120	170	220	ug/Kg
78-59-1	Isophorone	2200		110	170	220	ug/Kg
88-75-5	2-Nitrophenol	2700		120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	2600		120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		99.1	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2100		110	170	220	ug/Kg
65-85-0	Benzoic acid	1900		310	350	430	ug/Kg
91-20-3	Naphthalene	2200		110	170	220	ug/Kg
106-47-8	4-Chloroaniline	590		110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	2200		110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139978.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	2200		110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400		200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		93.7	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		97.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	2300		110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	2200		110	170	220	ug/Kg
88-74-4	2-Nitroaniline	2400		120	170	220	ug/Kg
131-11-3	Dimethylphthalate	2300		110	170	220	ug/Kg
208-96-8	Acenaphthylene	2300		110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	2300		110	170	220	ug/Kg
99-09-2	3-Nitroaniline	1300		120	170	220	ug/Kg
83-32-9	Acenaphthene	2400		110	170	220	ug/Kg
Total PAH	Total PAH	34900		1750	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	3000		320	350	430	ug/Kg
100-02-7	4-Nitrophenol	4200	E	150	350	430	ug/Kg
132-64-9	Dibenzofuran	2200		110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4700		220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		110	170	220	ug/Kg
84-66-2	Diethylphthalate	2200		110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		110	170	220	ug/Kg
86-73-7	Fluorene	2100		110	170	220	ug/Kg
100-01-6	4-Nitroaniline	1900		140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2500		110	170	220	ug/Kg
103-33-3	Azobenzene	2500		100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2500		100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	2300		110	170	220	ug/Kg
1912-24-9	Atrazine	2900		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.08 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
BF139978.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4400	E	100	350	430	ug/Kg
85-01-8	Phenanthrene	2500		110	170	220	ug/Kg
120-12-7	Anthracene	2400		110	170	220	ug/Kg
86-74-8	Carbazole	2200		110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	2500		110	170	220	ug/Kg
206-44-0	Fluoranthene	2400		110	170	220	ug/Kg
92-87-5	Benzidine	2300		210	350	430	ug/Kg
129-00-0	Pyrene	1800		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	2500		130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900		130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	2300		110	170	220	ug/Kg
218-01-9	Chrysene	2400		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3000		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	3000		140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	2500		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		110	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		110	170	220	ug/Kg
123-91-1	1,4-Dioxane	2100		140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		98	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	2100		110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.96		18-112		77	SPK: -150
13127-88-3	Phenol-d6	112.948		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	87.733		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.799		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-BOTMSD	SDG No.:	BF102324
Lab Sample ID:	P4397-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24
Sample Wt/Vol:	30.08 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
BF139978.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.065		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	62.684		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145043	6.892				
1146-65-2	Naphthalene-d8	544717	8.175				
15067-26-2	Acenaphthene-d10	274724	9.928				
1517-22-2	Phenanthrene-d10	399778	11.416				
1719-03-5	Chrysene-d12	304493	14.057				
1520-96-3	Perylene-d12	305520	15.533				

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-TOP	SDG No.:	BF102324
Lab Sample ID:	P4397-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.7
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
BF139979.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	430	520	ug/Kg
110-86-1	Pyridine	130	U	130	200	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	430	520	ug/Kg
62-53-3	Aniline	150	U	150	200	270	ug/Kg
108-95-2	Phenol	130	U	130	200	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	200	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	200	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	200	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	200	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	200	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	430	520	ug/Kg
95-48-7	2-Methylphenol	130	U	130	200	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	200	270	ug/Kg
98-86-2	Acetophenone	140	U	140	200	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	430	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.5	U	63.5	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	200	270	ug/Kg
98-95-3	Nitrobenzene	140	U	140	200	270	ug/Kg
78-59-1	Isophorone	130	U	130	200	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	200	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	200	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	200	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	200	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	130	U	130	200	270	ug/Kg
65-85-0	Benzoic acid	370	U	370	430	520	ug/Kg
91-20-3	Naphthalene	1400		130	200	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	200	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	200	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-TOP	SDG No.:	BF102324
Lab Sample ID:	P4397-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.7
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
BF139979.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	430	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	200	270	ug/Kg
91-57-6	2-Methylnaphthalene	1200		130	200	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	430	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	200	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	200	270	ug/Kg
92-52-4	1,1-Biphenyl	160	J	140	200	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	200	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	200	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	200	270	ug/Kg
208-96-8	Acenaphthylene	170	J	140	200	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	200	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	200	270	ug/Kg
83-32-9	Acenaphthene	1300		130	200	270	ug/Kg
Total PAH	Total PAH	13400		2100	200	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	380	U	380	430	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	430	520	ug/Kg
132-64-9	Dibenzofuran	130	U	130	200	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	200	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	200	540	ug/Kg
84-66-2	Diethylphthalate	130	U	130	200	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	U	130	200	270	ug/Kg
86-73-7	Fluorene	780		130	200	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	200	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	430	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	200	270	ug/Kg
103-33-3	Azobenzene	130	U	130	200	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	200	270	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	200	270	ug/Kg
1912-24-9	Atrazine	140	U	140	200	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-TOP	SDG No.:	BF102324
Lab Sample ID:	P4397-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.7
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
BF139979.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	120	U	120	430	520	ug/Kg
85-01-8	Phenanthrene	2500		130	200	270	ug/Kg
120-12-7	Anthracene	1000		130	200	270	ug/Kg
86-74-8	Carbazole	130	U	130	200	270	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	200	270	ug/Kg
206-44-0	Fluoranthene	1300		130	200	270	ug/Kg
92-87-5	Benzidine	260	U	260	430	520	ug/Kg
129-00-0	Pyrene	1200		130	200	270	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	200	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	430	520	ug/Kg
56-55-3	Benzo(a)anthracene	870		130	200	270	ug/Kg
218-01-9	Chrysene	890		130	200	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	200	270	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	430	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		130	200	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		130	200	270	ug/Kg
50-32-8	Benzo(a)pyrene	760		150	200	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	120	200	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	200	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	130	200	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	200	270	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	200	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	200	270	ug/Kg
90-12-0	1-Methylnaphthalene	1100		130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.483		18-112		58	SPK: -150
13127-88-3	Phenol-d6	83.256		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	61.929		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	59.565		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-TOP	SDG No.:	BF102324
Lab Sample ID:	P4397-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.7
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
BF139979.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.736		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	40.609		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	147308	6.887				
1146-65-2	Naphthalene-d8	535162	8.169				
15067-26-2	Acenaphthene-d10	259896	9.928				
1517-22-2	Phenanthrene-d10	369608	11.41				
1719-03-5	Chrysene-d12	318909	14.051				
1520-96-3	Perylene-d12	311630	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4100	J			2.205	
000939-27-5	Naphthalene, 2-ethyl-	580	J			9.439	
000582-16-1	Naphthalene, 2,7-dimethyl-	520	J			9.51	
000581-40-8	Naphthalene, 2,3-dimethyl-	800	J			9.581	
000573-98-8	Naphthalene, 1,2-dimethyl-	420	J			9.698	
000119-61-9	Benzophenone	570	J			10.634	
	unknown10.839	380	J			10.839	
001730-37-6	9H-Fluorene, 1-methyl-	430	J			11.016	
000132-65-0	Dibenzothiophene	420	J			11.304	
002531-84-2	Phenanthrene, 2-methyl-	730	J			11.916	
000832-69-9	Phenanthrene, 1-methyl-	850	J			11.939	
000613-12-7	Anthracene, 2-methyl-	420	J			11.986	
1000460-85-7	1H-1,2,4-Triazol-5-amine, 3-bromo-	1700	J			12.028	
003674-66-6	Phenanthrene, 2,5-dimethyl-	550	J			12.463	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	510	J			12.498	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	450	J			12.722	
033543-31-6	Fluoranthene, 2-methyl-	390	J			13.18	
015600-08-5	Cholestan-3-one	380	J			16.462	
	unknown17.298	360	J			17.298	

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	WB-301-TOP	SDG No.:	BF102324
Lab Sample ID:	P4397-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	36.7
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
BF139979.D	1	10/14/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000638-96-0	.alpha.-Amyrone	470	J			18.233	

Report of Analysis

Client:				Date Collected:	10/21/2024 12:00:00 AM		
Project:				Date Received:	10/21/2024 12:00:00 AM		
Client Sample ID:	ETGI-345			SDG No.:	BF102324		
Lab Sample ID:	P4468-05			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.7		
Sample Wt/Vol:	50.1	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139980.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.9	U	56.9	180	220	ug/Kg
110-86-1	Pyridine	52.4	U	52.4	85.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.6	U	63.6	85.3	110	ug/Kg
108-95-2	Phenol	54.4	U	54.4	85.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.9	U	54.9	85.3	110	ug/Kg
95-57-8	2-Chlorophenol	54.8	U	54.8	85.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	85.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.4	U	56.4	85.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.7	U	56.7	85.3	110	ug/Kg
100-51-6	Benzyl Alcohol	54.4	U	54.4	180	220	ug/Kg
95-48-7	2-Methylphenol	52.9	U	52.9	85.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	59.6	85.3	110	ug/Kg
98-86-2	Acetophenone	57	U	57	85.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.3	U	52.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.4	U	26.4	52.5	52.5	ug/Kg
67-72-1	Hexachloroethane	54.4	U	54.4	85.3	110	ug/Kg
98-95-3	Nitrobenzene	59.6	U	59.6	85.3	110	ug/Kg
78-59-1	Isophorone	55.5	U	55.5	85.3	110	ug/Kg
88-75-5	2-Nitrophenol	62	U	62	85.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.1	U	61.1	85.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.3	U	56.3	85.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.5	U	49.5	85.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56	U	56	85.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.2	U	54.2	85.3	110	ug/Kg
106-47-8	4-Chloroaniline	54.2	U	54.2	85.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.6	U	54.6	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-345	SDG No.:	BF102324
Lab Sample ID:	P4468-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139980.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.9	U	56.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.8	U	50.8	85.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.1	U	54.1	85.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.8	U	46.8	85.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.5	U	48.5	85.3	110	ug/Kg
92-52-4	1,1-Biphenyl	57.3	U	57.3	85.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.6	U	54.6	85.3	110	ug/Kg
88-74-4	2-Nitroaniline	62.3	U	62.3	85.3	110	ug/Kg
131-11-3	Dimethylphthalate	53.6	U	53.6	85.3	110	ug/Kg
208-96-8	Acenaphthylene	56.7	U	56.7	85.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.6	U	54.6	85.3	110	ug/Kg
99-09-2	3-Nitroaniline	58.5	U	58.5	85.3	110	ug/Kg
83-32-9	Acenaphthene	53.2	U	53.2	85.3	110	ug/Kg
Total PAH	Total PAH	869.1	U	869.1	85.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.1	U	76.1	180	220	ug/Kg
132-64-9	Dibenzofuran	55.4	U	55.4	85.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.5	U	56.5	85.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.1	U	111.1	85.3	220	ug/Kg
84-66-2	Diethylphthalate	52.5	U	52.5	85.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.1	U	56.1	85.3	110	ug/Kg
86-73-7	Fluorene	56.1	U	56.1	85.3	110	ug/Kg
100-01-6	4-Nitroaniline	70.2	U	70.2	85.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.7	U	76.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.5	U	53.5	85.3	110	ug/Kg
103-33-3	Azobenzene	52.2	U	52.2	85.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.7	U	51.7	85.3	110	ug/Kg
118-74-1	Hexachlorobenzene	55.7	U	55.7	85.3	110	ug/Kg
1912-24-9	Atrazine	59.9	U	59.9	85.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-345	SDG No.:	BF102324
Lab Sample ID:	P4468-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139980.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.7	U	50.7	180	220	ug/Kg
85-01-8	Phenanthrene	55.1	U	55.1	85.3	110	ug/Kg
120-12-7	Anthracene	55.4	U	55.4	85.3	110	ug/Kg
86-74-8	Carbazole	52.7	U	52.7	85.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.3	U	55.3	85.3	110	ug/Kg
206-44-0	Fluoranthene	53.6	U	53.6	85.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.4	U	54.4	85.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.5	U	63.5	85.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.7	U	64.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	52.9	U	52.9	85.3	110	ug/Kg
218-01-9	Chrysene	52.1	U	52.1	85.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.7	U	59.7	85.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	94.1	J	72.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.2	U	53.2	85.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.2	U	54.2	85.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	85.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.2	U	51.2	85.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.3	U	53.3	85.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.5	U	52.5	85.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.9	U	56.9	85.3	110	ug/Kg
123-91-1	1,4-Dioxane	72.1	U	72.1	85.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	85.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.6	U	54.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.434		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.092		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	58.702		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	57.648		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-345	SDG No.:	BF102324
Lab Sample ID:	P4468-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139980.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.328		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	40.597		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152208	6.893				
1146-65-2	Naphthalene-d8	559714	8.169				
15067-26-2	Acenaphthene-d10	276594	9.922				
1517-22-2	Phenanthrene-d10	414075	11.41				
1719-03-5	Chrysene-d12	346194	14.051				
1520-96-3	Perylene-d12	313337	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.205	
000119-61-9	Benzophenone	210	J			10.634	
000057-10-3	n-Hexadecanoic acid	150	J			11.933	
959085-66-6	Heptadecyl heptafluorobutyrate	86.1	J			13.904	
007683-64-9	Supraene	46.3	J			14.91	
1000356-84-9	Phthalic acid, decyl 2,4-dimethylp	47.9	J			15.022	
1000357-10-5	Phthalic acid, heptyl 3-methylbut-	110	J			15.333	
1000356-99-3	Phthalic acid, hept-3-yl nonyl est	56	J			16.192	

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139981.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58	U	58	180	220	ug/Kg
110-86-1	Pyridine	53.4	U	53.4	86.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.8	U	64.8	86.9	110	ug/Kg
108-95-2	Phenol	55.4	U	55.4	86.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.9	U	55.9	86.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.8	U	55.8	86.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.5	U	56.5	86.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.5	U	57.5	86.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.8	U	57.8	86.9	110	ug/Kg
100-51-6	Benzyl Alcohol	55.5	U	55.5	180	220	ug/Kg
95-48-7	2-Methylphenol	53.9	U	53.9	86.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.8	U	60.8	86.9	110	ug/Kg
98-86-2	Acetophenone	58.1	U	58.1	86.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.3	U	53.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.9	U	26.9	53.5	53.5	ug/Kg
67-72-1	Hexachloroethane	55.5	U	55.5	86.9	110	ug/Kg
98-95-3	Nitrobenzene	60.7	U	60.7	86.9	110	ug/Kg
78-59-1	Isophorone	56.5	U	56.5	86.9	110	ug/Kg
88-75-5	2-Nitrophenol	63.2	U	63.2	86.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.3	U	62.3	86.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.3	U	57.3	86.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.5	U	50.5	86.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.1	U	57.1	86.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.2	U	55.2	86.9	110	ug/Kg
106-47-8	4-Chloroaniline	55.2	U	55.2	86.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.7	U	55.7	86.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139981.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58	U	58	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.8	U	51.8	86.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	440		55.1	86.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.7	U	47.7	86.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.5	U	49.5	86.9	110	ug/Kg
92-52-4	1,1-Biphenyl	58.4	U	58.4	86.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.7	U	55.7	86.9	110	ug/Kg
88-74-4	2-Nitroaniline	63.5	U	63.5	86.9	110	ug/Kg
131-11-3	Dimethylphthalate	54.6	U	54.6	86.9	110	ug/Kg
208-96-8	Acenaphthylene	57.8	U	57.8	86.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.6	U	55.6	86.9	110	ug/Kg
99-09-2	3-Nitroaniline	59.6	U	59.6	86.9	110	ug/Kg
83-32-9	Acenaphthene	54.2	U	54.2	86.9	110	ug/Kg
Total PAH	Total PAH	885.5	U	885.5	86.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.5	U	77.5	180	220	ug/Kg
132-64-9	Dibenzofuran	56.4	U	56.4	86.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.2	U	113.2	86.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.6	U	57.6	86.9	110	ug/Kg
84-66-2	Diethylphthalate	53.5	U	53.5	86.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.2	U	57.2	86.9	110	ug/Kg
86-73-7	Fluorene	74	J	57.1	86.9	110	ug/Kg
100-01-6	4-Nitroaniline	71.5	U	71.5	86.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.2	U	78.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.5	U	54.5	86.9	110	ug/Kg
103-33-3	Azobenzene	53.2	U	53.2	86.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.7	U	52.7	86.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.8	U	56.8	86.9	110	ug/Kg
1912-24-9	Atrazine	61.1	U	61.1	86.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139981.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.7	U	51.7	180	220	ug/Kg
85-01-8	Phenanthrene	180		56.1	86.9	110	ug/Kg
120-12-7	Anthracene	56.4	U	56.4	86.9	110	ug/Kg
86-74-8	Carbazole	53.7	U	53.7	86.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.3	U	56.3	86.9	110	ug/Kg
206-44-0	Fluoranthene	54.6	U	54.6	86.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.5	U	55.5	86.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.7	U	64.7	86.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.9	U	65.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.9	U	53.9	86.9	110	ug/Kg
218-01-9	Chrysene	53.1	U	53.1	86.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.8	U	60.8	86.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.5	U	73.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.2	U	54.2	86.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.2	U	55.2	86.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.2	U	62.2	86.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.2	U	52.2	86.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.3	U	54.3	86.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.5	U	53.5	86.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	86.9	110	ug/Kg
123-91-1	1,4-Dioxane	73.5	U	73.5	86.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.9	U	49.9	86.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	300		55.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.304		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.01		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	64.488		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	64.816		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139981.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.09		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	44.136		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131718	6.893				
1146-65-2	Naphthalene-d8	473412	8.169				
15067-26-2	Acenaphthene-d10	229477	9.928				
1517-22-2	Phenanthrene-d10	332464	11.41				
1719-03-5	Chrysene-d12	295547	14.051				
1520-96-3	Perylene-d12	264144	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.199	
017312-82-2	Undecane, 4,6-dimethyl-	150	J			8.592	
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	170	J			8.675	
074645-98-0	Dodecane, 2,7,10-trimethyl-	350	J			9.192	
001076-61-5	Naphthalene, 1,2,3,4-tetrahydro-6,	170	J			9.398	
000575-43-9	Naphthalene, 1,6-dimethyl-	360	J			9.51	
000581-40-8	Naphthalene, 2,3-dimethyl-	460	J			9.586	
000582-16-1	Naphthalene, 2,7-dimethyl-	250	J			9.61	
1000342-70-4	1-Octadecanesulphonyl chloride	360	J			9.645	
000575-41-7	Naphthalene, 1,3-dimethyl-	170	J			9.704	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	180	J			10.034	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	180	J			10.122	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	310	J			10.169	
000941-81-1	4,6,8-Trimethylazulene	160	J			10.245	
000593-49-7	Heptacosane	320	J			10.575	
000119-61-9	Benzophenone	220	J			10.634	
055045-11-9	Tridecane, 5-propyl-	540	J			10.845	
000613-33-2	4,4-Dimethylbiphenyl	140	J			11.051	
000629-50-5	Tridecane	400	J			11.31	

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	BP-F-28	SDG No.:	BF102324
Lab Sample ID:	P4472-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF139981.D	1	10/22/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000832-69-9	Phenanthrene, 1-methyl-	290	J			11.939	

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-10	SDG No.:	BF102324
Lab Sample ID:	P4385-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164071

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	90.9	U	90.9	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	85.2	U	85.2	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	98.5	U	98.5	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	79.8	U	79.8	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	87.3	U	87.3	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.3	U	87.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-10	SDG No.:	BF102324
Lab Sample ID:	P4385-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164071

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	87.2	U	87.2	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	86.3	U	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	1400.1	U	1400.1	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	89.2	U	89.2	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.1	U	91.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79	U	179	140	360	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	83.4	U	83.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.8	U	89.8	140	180	ug/Kg
1912-24-9	Atrazine	96.6	U	96.6	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-10	SDG No.:	BF102324
Lab Sample ID:	P4385-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.7	U	81.7	290	350	ug/Kg
85-01-8	Phenanthrene	88.7	U	88.7	140	180	ug/Kg
120-12-7	Anthracene	89.2	U	89.2	140	180	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.1	U	89.1	140	180	ug/Kg
206-44-0	Fluoranthene	99.4	J	86.3	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	87.7	U	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	85.3	U	85.3	140	180	ug/Kg
218-01-9	Chrysene	84	U	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	85.7	U	85.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.3	U	87.3	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.3	U	98.3	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.5	U	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	84.6	U	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	102.707		18-112		68	SPK: -150
13127-88-3	Phenol-d6	96.553		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	77.306		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	82.865		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-10	SDG No.:	BF102324
Lab Sample ID:	P4385-20	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139982.D	1	10/11/2024 12:00:00 AM	10/23/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.63		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	56.847		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133316	6.893				
1146-65-2	Naphthalene-d8	485669	8.169				
15067-26-2	Acenaphthene-d10	228899	9.922				
1517-22-2	Phenanthrene-d10	357369	11.41				
1719-03-5	Chrysene-d12	325119	14.051				
1520-96-3	Perylene-d12	261481	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.205	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.116	
000119-61-9	Benzophenone	120	J			10.634	
000057-10-3	n-Hexadecanoic acid	390	J			11.933	
000057-11-4	Octadecanoic acid	85.6	J			12.722	
000295-48-7	Cyclopentadecane	230	J			13.904	
000629-92-5	Nonadecane	200	J			15.174	
007390-81-0	Oxirane, hexadecyl-	130	J			15.769	
001928-30-9	Tricosane, 2-methyl-	190	J			16.015	
067860-04-2	Oxirane, heptadecyl-	170	J			16.833	

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-7	SDG No.:	BF102324
Lab Sample ID:	P4385-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.4	U	92.4	290	350	ug/Kg
110-86-1	Pyridine	85	U	85	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	88.2	U	88.2	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.1	U	89.1	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.8	U	88.8	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	90	U	90	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.5	U	91.5	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	92	U	92	140	180	ug/Kg
100-51-6	Benzyl Alcohol	88.3	U	88.3	290	350	ug/Kg
95-48-7	2-Methylphenol	85.8	U	85.8	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.7	U	96.7	140	180	ug/Kg
98-86-2	Acetophenone	92.5	U	92.5	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.9	U	84.9	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.9	U	42.9	85.1	85.1	ug/Kg
67-72-1	Hexachloroethane	88.3	U	88.3	140	180	ug/Kg
98-95-3	Nitrobenzene	96.6	U	96.6	140	180	ug/Kg
78-59-1	Isophorone	90	U	90	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.2	U	99.2	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.3	U	91.3	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.3	U	80.3	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.9	U	90.9	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.9	U	87.9	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.9	U	87.9	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.6	U	88.6	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-7	SDG No.:	BF102324
Lab Sample ID:	P4385-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92.4	U	92.4	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.8	U	87.8	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76	U	76	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.7	U	78.7	140	180	ug/Kg
92-52-4	1,1-Biphenyl	93	U	93	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.6	U	88.6	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.9	U	86.9	140	180	ug/Kg
208-96-8	Acenaphthylene	92	U	92	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.5	U	88.5	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.9	U	94.9	140	180	ug/Kg
83-32-9	Acenaphthene	86.3	U	86.3	140	180	ug/Kg
Total PAH	Total PAH	1409.9	U	1409.9	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	89.8	U	89.8	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	80.2	U	180.2	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.7	U	91.7	140	180	ug/Kg
84-66-2	Diethylphthalate	85.2	U	85.2	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.1	U	91.1	140	180	ug/Kg
86-73-7	Fluorene	91	U	91	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	86.8	U	86.8	140	180	ug/Kg
103-33-3	Azobenzene	84.7	U	84.7	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.9	U	83.9	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90.4	U	90.4	140	180	ug/Kg
1912-24-9	Atrazine	97.2	U	97.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-7	SDG No.:	BF102324
Lab Sample ID:	P4385-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.2	U	82.2	290	350	ug/Kg
85-01-8	Phenanthrene	89.4	U	89.4	140	180	ug/Kg
120-12-7	Anthracene	89.8	U	89.8	140	180	ug/Kg
86-74-8	Carbazole	85.4	U	85.4	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.7	U	89.7	140	180	ug/Kg
206-44-0	Fluoranthene	89.1	J	86.9	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	88.3	U	88.3	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	85.9	U	85.9	140	180	ug/Kg
218-01-9	Chrysene	84.6	U	84.6	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.8	U	96.8	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.3	U	86.3	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.9	U	87.9	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.9	U	98.9	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.1	U	83.1	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.4	U	86.4	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.2	U	85.2	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.4	U	92.4	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	79.5	U	79.5	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.5	U	88.5	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.257		18-112		57	SPK: -150
13127-88-3	Phenol-d6	79.954		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	63.493		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	70.586		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	10/10/2024 12:00:00 AM
Project:		Date Received:	10/10/2024 12:00:00 AM
Client Sample ID:	SP-7	SDG No.:	BF102324
Lab Sample ID:	P4385-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139983.D	1	10/11/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164071

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.222		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	47.925		10-105		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123541	6.893				
1146-65-2	Naphthalene-d8	443226	8.169				
15067-26-2	Acenaphthene-d10	204877	9.922				
1517-22-2	Phenanthrene-d10	329287	11.41				
1719-03-5	Chrysene-d12	309239	14.051				
1520-96-3	Perylene-d12	243467	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.11	
000119-61-9	Benzophenone	110	J			10.634	
000057-10-3	n-Hexadecanoic acid	440	J			11.933	
000057-11-4	Octadecanoic acid	100	J			12.722	
000295-48-7	Cyclopentadecane	200	J			13.904	
000629-99-2	Pentacosane	330	J			15.174	
067860-04-2	Oxirane, heptadecyl-	250	J			15.774	
000629-94-7	Heneicosane	290	J			16.01	
007390-81-0	Oxirane, hexadecyl-	360	J			16.833	
000465-02-1	Germanicol	1200	J			17.398	

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-2	SDG No.:	BF102324
Lab Sample ID:	P4474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139984.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	560	680	ug/Kg
110-86-1	Pyridine	170	U	170	270	350	ug/Kg
100-52-7	Benzaldehyde	380	U	380	560	680	ug/Kg
62-53-3	Aniline	200	U	200	270	350	ug/Kg
108-95-2	Phenol	170	U	170	270	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	170	270	350	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	270	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	270	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	270	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	270	350	ug/Kg
100-51-6	Benzyl Alcohol	170	U	170	560	680	ug/Kg
95-48-7	2-Methylphenol	170	U	170	270	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	350	ug/Kg
98-86-2	Acetophenone	180	U	180	270	350	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	560	680	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	83.4	U	83.4	170	170	ug/Kg
67-72-1	Hexachloroethane	170	U	170	270	350	ug/Kg
98-95-3	Nitrobenzene	190	U	190	270	350	ug/Kg
78-59-1	Isophorone	180	U	180	270	350	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	270	350	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	270	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	270	350	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	270	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	270	350	ug/Kg
65-85-0	Benzoic acid	490	U	490	560	680	ug/Kg
91-20-3	Naphthalene	170	U	170	270	350	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	270	350	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	270	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-2	SDG No.:	BF102324
Lab Sample ID:	P4474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139984.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	560	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	270	350	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	270	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	U	320	560	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	270	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	270	350	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	270	350	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	270	350	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	270	350	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	270	350	ug/Kg
208-96-8	Acenaphthylene	180	U	180	270	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	270	350	ug/Kg
99-09-2	3-Nitroaniline	180	U	180	270	350	ug/Kg
83-32-9	Acenaphthene	170	U	170	270	350	ug/Kg
Total PAH	Total PAH	2740	U	2740	270	5600	ug/Kg
51-28-5	2,4-Dinitrophenol	500	U	500	560	680	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	560	680	ug/Kg
132-64-9	Dibenzofuran	170	U	170	270	350	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	350	U	350	270	700	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	270	350	ug/Kg
84-66-2	Diethylphthalate	170	U	170	270	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	270	350	ug/Kg
86-73-7	Fluorene	180	U	180	270	350	ug/Kg
100-01-6	4-Nitroaniline	220	U	220	270	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	560	680	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	270	350	ug/Kg
103-33-3	Azobenzene	160	U	160	270	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	270	350	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	270	350	ug/Kg
1912-24-9	Atrazine	190	U	190	270	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-2	SDG No.:	BF102324
Lab Sample ID:	P4474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139984.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	560	680	ug/Kg
85-01-8	Phenanthrene	170	U	170	270	350	ug/Kg
120-12-7	Anthracene	170	U	170	270	350	ug/Kg
86-74-8	Carbazole	170	U	170	270	350	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	270	350	ug/Kg
206-44-0	Fluoranthene	170	U	170	270	350	ug/Kg
92-87-5	Benzidine	340	U	340	560	680	ug/Kg
129-00-0	Pyrene	170	U	170	270	350	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	270	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	560	680	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	270	350	ug/Kg
218-01-9	Chrysene	160	U	160	270	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	270	350	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	560	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	270	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	270	350	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	270	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	270	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	270	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	U	170	270	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	270	350	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	270	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	270	350	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	350	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.89		18-112		57	SPK: -150
13127-88-3	Phenol-d6	78.667		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	65.428		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	62.923		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-2	SDG No.:	BF102324
Lab Sample ID:	P4474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139984.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.599		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	38.029		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131007	6.892				
1146-65-2	Naphthalene-d8	463948	8.169				
15067-26-2	Acenaphthene-d10	218643	9.928				
1517-22-2	Phenanthrene-d10	348917	11.41				
1719-03-5	Chrysene-d12	324231	14.051				
1520-96-3	Perylene-d12	250440	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4900	J			2.199	
000119-61-9	Benzophenone	270	J			10.633	
002416-19-5	cis-7-Hexadecenoic acid	200	J			11.863	
000057-10-3	n-Hexadecanoic acid	1300	J			11.933	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	520	J			12.663	
000057-11-4	Octadecanoic acid	430	J			12.722	
020257-75-4	(E)-3-Methyl-5-((1R,4aR,8aR)-5,5,8	190	J			13.516	
000295-48-7	Cyclopentadecane	760	J			13.904	
001599-67-3	1-Docosene	540	J			14.533	
007683-64-9	Supraene	340	J			14.91	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	410	J			15.174	
000630-01-3	Hexacosane	330	J			16.015	
	unknown16.163	600	J			16.163	
001615-91-4	A-Neogammacer-22(29)-ene	860	J			17.051	
000432-11-1	Olean-18-ene	980	J			17.386	
000083-47-6	.gamma.-Sitosterol	1500	J			17.657	
000514-07-8	D-Friedoolean-14-en-3-one	2600	J			17.727	
081654-73-1	D-Friedoolean-14-en-3-ol	1600	J			17.998	
001616-93-9	Olean-12-en-3-ol, acetate, (3.beta	780	J			18.145	

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-2	SDG No.:	BF102324
Lab Sample ID:	P4474-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139984.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000513-01-3	Epilupeol; 20(29)-Lupen-3alpha-ol	590	J			18.498	

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-1	SDG No.:	BF102324
Lab Sample ID:	P4473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.2
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
BF139985.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	180	U	180	550	680	ug/Kg
110-86-1	Pyridine	160	U	160	270	350	ug/Kg
100-52-7	Benzaldehyde	370	U	370	550	680	ug/Kg
62-53-3	Aniline	200	U	200	270	350	ug/Kg
108-95-2	Phenol	170	U	170	270	350	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	170	U	170	270	350	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	270	350	ug/Kg
95-50-1	1,2-Dichlorobenzene	170	U	170	270	350	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	270	350	ug/Kg
106-46-7	1,4-Dichlorobenzene	180	U	180	270	350	ug/Kg
100-51-6	Benzyl Alcohol	170	U	170	550	680	ug/Kg
95-48-7	2-Methylphenol	160	U	160	270	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	350	ug/Kg
98-86-2	Acetophenone	180	U	180	270	350	ug/Kg
65794-96-9	3+4-Methylphenols	160	U	160	550	680	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	82.5	U	82.5	160	160	ug/Kg
67-72-1	Hexachloroethane	170	U	170	270	350	ug/Kg
98-95-3	Nitrobenzene	190	U	190	270	350	ug/Kg
78-59-1	Isophorone	170	U	170	270	350	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	270	350	ug/Kg
105-67-9	2,4-Dimethylphenol	190	U	190	270	350	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	270	350	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	270	350	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	170	U	170	270	350	ug/Kg
65-85-0	Benzoic acid	490	U	490	550	680	ug/Kg
91-20-3	Naphthalene	170	U	170	270	350	ug/Kg
106-47-8	4-Chloroaniline	170	U	170	270	350	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	270	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-1	SDG No.:	BF102324
Lab Sample ID:	P4473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.2
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
BF139985.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	180	U	180	550	680	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	270	350	ug/Kg
91-57-6	2-Methylnaphthalene	170	U	170	270	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	320	U	320	550	680	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	270	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	270	350	ug/Kg
92-52-4	1,1-Biphenyl	180	U	180	270	350	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	270	350	ug/Kg
88-74-4	2-Nitroaniline	190	U	190	270	350	ug/Kg
131-11-3	Dimethylphthalate	170	U	170	270	350	ug/Kg
208-96-8	Acenaphthylene	180	U	180	270	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	270	350	ug/Kg
99-09-2	3-Nitroaniline	180	U	180	270	350	ug/Kg
83-32-9	Acenaphthene	170	U	170	270	350	ug/Kg
Total PAH	Total PAH	2720	U	2720	270	5600	ug/Kg
51-28-5	2,4-Dinitrophenol	500	U	500	550	680	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	550	680	ug/Kg
132-64-9	Dibenzofuran	170	U	170	270	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	180	U	180	270	350	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	350	U	350	270	700	ug/Kg
84-66-2	Diethylphthalate	160	U	160	270	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	270	350	ug/Kg
86-73-7	Fluorene	170	U	170	270	350	ug/Kg
100-01-6	4-Nitroaniline	220	U	220	270	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	550	680	ug/Kg
86-30-6	n-Nitrosodiphenylamine	170	U	170	270	350	ug/Kg
103-33-3	Azobenzene	160	U	160	270	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	U	160	270	350	ug/Kg
118-74-1	Hexachlorobenzene	170	U	170	270	350	ug/Kg
1912-24-9	Atrazine	190	U	190	270	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-1	SDG No.:	BF102324
Lab Sample ID:	P4473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.2
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
BF139985.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	160	U	160	550	680	ug/Kg
85-01-8	Phenanthrene	170	U	170	270	350	ug/Kg
120-12-7	Anthracene	170	U	170	270	350	ug/Kg
86-74-8	Carbazole	160	U	160	270	350	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	270	350	ug/Kg
206-44-0	Fluoranthene	170	U	170	270	350	ug/Kg
92-87-5	Benzidine	330	U	330	550	680	ug/Kg
129-00-0	Pyrene	170	U	170	270	350	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	270	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	550	680	ug/Kg
56-55-3	Benzo(a)anthracene	170	U	170	270	350	ug/Kg
218-01-9	Chrysene	160	U	160	270	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	270	350	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	550	680	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	U	170	270	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	270	350	ug/Kg
50-32-8	Benzo(a)pyrene	190	U	190	270	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	U	160	270	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	270	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	U	160	270	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	180	U	180	270	350	ug/Kg
123-91-1	1,4-Dioxane	230	U	230	270	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	270	350	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	350	350	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.713		18-112		50	SPK: -150
13127-88-3	Phenol-d6	70.84		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	61.703		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	59.564		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-1	SDG No.:	BF102324
Lab Sample ID:	P4473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.2
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
BF139985.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.994		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	35.214		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122079	6.892				
1146-65-2	Naphthalene-d8	419562	8.169				
15067-26-2	Acenaphthene-d10	193817	9.928				
1517-22-2	Phenanthrene-d10	323002	11.41				
1719-03-5	Chrysene-d12	307625	14.051				
1520-96-3	Perylene-d12	232454	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5000	J			2.199	
000119-61-9	Benzophenone	670	J			10.633	
000057-10-3	n-Hexadecanoic acid	1600	J			11.939	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	690	J			12.663	
000057-11-4	Octadecanoic acid	490	J			12.722	
000296-56-0	Cycloeicosane	740	J			13.898	
001599-67-3	1-Docosene	490	J			14.527	
	unknown14.839	3000	J			14.839	
000630-02-4	Octacosane	480	J			15.174	
002922-51-2	2-Heptadecanone	320	J			15.257	
000629-94-7	Heneicosane	420	J			16.015	
074685-30-6	5-Eicosene, (E)-	320	J			16.074	
1000193-60-8	1,1,4a-Trimethyl-5,6-dimethylenede	690	J			16.162	
1000285-40-2	.beta.-iso-Methyl ionone	1100	J			17.051	
000432-11-1	Olean-18-ene	1300	J			17.392	
000083-47-6	.gamma.-Sitosterol	2700	J			17.651	
000514-07-8	D-Friedoolean-14-en-3-one	2600	J			17.733	
081654-73-1	D-Friedoolean-14-en-3-ol	2100	J			17.992	
000638-97-1	.beta.-Amyrone	920	J			18.127	

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	TS-1	SDG No.:	BF102324
Lab Sample ID:	P4473-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	51.2
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
BF139985.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000545-47-1	Lupeol	2500	J			18.486	

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	RT-2675	SDG No.:	BF102324
Lab Sample ID:	P4489-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139986.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.3	U	57.3	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64	U	64	85.8	110	ug/Kg
108-95-2	Phenol	54.7	U	54.7	85.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.8	110	ug/Kg
95-57-8	2-Chlorophenol	55.1	U	55.1	85.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.8	U	56.8	85.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.1	U	57.1	85.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.8	U	54.8	180	220	ug/Kg
95-48-7	2-Methylphenol	53.2	U	53.2	85.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	85.8	110	ug/Kg
98-86-2	Acetophenone	57.4	U	57.4	85.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.7	U	52.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.8	52.8	ug/Kg
67-72-1	Hexachloroethane	54.8	U	54.8	85.8	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.8	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.8	110	ug/Kg
88-75-5	2-Nitrophenol	62.4	U	62.4	85.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.5	U	61.5	85.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.4	U	56.4	85.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.5	U	54.5	85.8	110	ug/Kg
106-47-8	4-Chloroaniline	54.5	U	54.5	85.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	RT-2675	SDG No.:	BF102324
Lab Sample ID:	P4489-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139986.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.3	U	57.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	4800	E	54.5	85.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.1	U	47.1	85.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.8	110	ug/Kg
92-52-4	1,1-Biphenyl	470		57.7	85.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	85.8	110	ug/Kg
88-74-4	2-Nitroaniline	62.7	U	62.7	85.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.9	U	53.9	85.8	110	ug/Kg
208-96-8	Acenaphthylene	57.1	U	57.1	85.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.9	U	54.9	85.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.9	U	58.9	85.8	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	85.8	110	ug/Kg
Total PAH	Total PAH	874.8	U	874.8	85.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.6	U	76.6	180	220	ug/Kg
132-64-9	Dibenzofuran	55.7	U	55.7	85.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.9	U	56.9	85.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.8	U	111.8	85.8	220	ug/Kg
84-66-2	Diethylphthalate	52.9	U	52.9	85.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.5	U	56.5	85.8	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.8	110	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	85.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.3	U	77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.8	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.1	U	52.1	85.8	110	ug/Kg
118-74-1	Hexachlorobenzene	56.1	U	56.1	85.8	110	ug/Kg
1912-24-9	Atrazine	60.3	U	60.3	85.8	110	ug/Kg

Report of Analysis

Client:			Date Collected:	10/22/2024 12:00:00 AM	
Project:			Date Received:	10/22/2024 12:00:00 AM	
Client Sample ID:	RT-2675		SDG No.:	BF102324	
Lab Sample ID:	P4489-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	9.2	
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
BF139986.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51	U	51	180	220	ug/Kg
85-01-8	Phenanthrene	370		55.5	85.8	110	ug/Kg
120-12-7	Anthracene	55.7	U	55.7	85.8	110	ug/Kg
86-74-8	Carbazole	53	U	53	85.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.8	110	ug/Kg
206-44-0	Fluoranthene	53.9	U	53.9	85.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	230		54.8	85.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.9	U	63.9	85.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.1	U	65.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.3	U	53.3	85.8	110	ug/Kg
218-01-9	Chrysene	65	J	52.5	85.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590		60.1	85.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.6	U	72.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.6	J	53.5	85.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.5	U	54.5	85.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.4	U	61.4	85.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.6	U	51.6	85.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.6	U	53.6	85.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.9	U	52.9	85.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.3	U	57.3	85.8	110	ug/Kg
123-91-1	1,4-Dioxane	72.6	U	72.6	85.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.3	U	49.3	85.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	2900	E	54.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.177		18-112		71	SPK: -150
13127-88-3	Phenol-d6	92.564		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	288.636	*	18-107		289	SPK: -100
321-60-8	2-Fluorobiphenyl	62.932		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	RT-2675	SDG No.:	BF102324
Lab Sample ID:	P4489-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139986.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.287		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	44.083		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98875	6.904				
1146-65-2	Naphthalene-d8	108248	8.198				
15067-26-2	Acenaphthene-d10	126425	9.986				
1517-22-2	Phenanthrene-d10	181889	11.474				
1719-03-5	Chrysene-d12	271082	14.08				
1520-96-3	Perylene-d12	219040	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-84-2	Nonane	440	J			5.816	
002051-30-1	Octane, 2,6-dimethyl-	480	J			6.151	
062108-23-0	Decane, 2,5,6-trimethyl-	330	J			6.34	
052896-95-4	Heptane, 2,3,4-trimethyl-	350	J			6.404	
000611-14-3	Benzene, 1-ethyl-2-methyl-	690	J			6.434	
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	410	J			6.651	
000124-18-5	Decane	1300	J			6.751	
000108-67-8	Mesitylene	270	J			6.963	
001678-93-9	Cyclohexane, butyl-	690	J			7.057	
001074-43-7	Benzene, 1-methyl-3-propyl-	970	J			7.186	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	620	J			7.228	
	unknown7.304	650	J			7.304	
000527-84-4	o-Cymene	270	J			7.398	
000638-67-5	Tricosane	480	J			13.269	
000646-31-1	Tetracosane	570	J			13.598	
000629-93-6	Octadecane, 1-iodo-	700	J			13.916	
055045-10-8	Tridecane, 6-propyl-	440	J			14.227	
000629-94-7	Heneicosane	330	J			14.527	
000638-68-6	Triacantane	970	J			14.833	

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	RT-2675	SDG No.:	BF102324
Lab Sample ID:	P4489-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139986.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-92-5	Nonadecane	250	J			15.174	

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	EO-03-102224	SDG No.:	BF102324
Lab Sample ID:	P4486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139987.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.2	U	55.2	170	210	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	82.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.6	U	61.6	82.7	110	ug/Kg
108-95-2	Phenol	52.7	U	52.7	82.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.2	U	53.2	82.7	110	ug/Kg
95-57-8	2-Chlorophenol	53.1	U	53.1	82.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.8	U	53.8	82.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.7	U	54.7	82.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55	U	55	82.7	110	ug/Kg
100-51-6	Benzyl Alcohol	52.8	U	52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	51.3	U	51.3	82.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.8	U	57.8	82.7	110	ug/Kg
98-86-2	Acetophenone	55.3	U	55.3	82.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	52.8	U	52.8	82.7	110	ug/Kg
98-95-3	Nitrobenzene	57.7	U	57.7	82.7	110	ug/Kg
78-59-1	Isophorone	53.8	U	53.8	82.7	110	ug/Kg
88-75-5	2-Nitrophenol	60.1	U	60.1	82.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.3	U	59.3	82.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.6	U	54.6	82.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	82.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	82.7	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.5	U	52.5	82.7	110	ug/Kg
106-47-8	4-Chloroaniline	52.5	U	52.5	82.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	82.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	EO-03-102224	SDG No.:	BF102324
Lab Sample ID:	P4486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139987.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.2	U	55.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.3	U	49.3	82.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.5	U	52.5	82.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.2	U	99.2	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.4	U	45.4	82.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.1	U	47.1	82.7	110	ug/Kg
92-52-4	1,1-Biphenyl	55.6	U	55.6	82.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	82.7	110	ug/Kg
88-74-4	2-Nitroaniline	60.4	U	60.4	82.7	110	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	82.7	110	ug/Kg
208-96-8	Acenaphthylene	55	U	55	82.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.9	U	52.9	82.7	110	ug/Kg
99-09-2	3-Nitroaniline	56.7	U	56.7	82.7	110	ug/Kg
83-32-9	Acenaphthene	51.6	U	51.6	82.7	110	ug/Kg
Total PAH	Total PAH	842.7	U	842.7	82.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.8	U	73.8	170	210	ug/Kg
132-64-9	Dibenzofuran	53.7	U	53.7	82.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.7	U	107.7	82.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	82.7	110	ug/Kg
84-66-2	Diethylphthalate	50.9	U	50.9	82.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.4	U	54.4	82.7	110	ug/Kg
86-73-7	Fluorene	54.4	U	54.4	82.7	110	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	82.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.4	U	74.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.9	U	51.9	82.7	110	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	82.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.2	U	50.2	82.7	110	ug/Kg
118-74-1	Hexachlorobenzene	54.1	U	54.1	82.7	110	ug/Kg
1912-24-9	Atrazine	58.1	U	58.1	82.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	EO-03-102224	SDG No.:	BF102324
Lab Sample ID:	P4486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139987.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.2	U	49.2	170	210	ug/Kg
85-01-8	Phenanthrene	67.8	J	53.4	82.7	110	ug/Kg
120-12-7	Anthracene	53.7	U	53.7	82.7	110	ug/Kg
86-74-8	Carbazole	51.1	U	51.1	82.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	82.7	110	ug/Kg
206-44-0	Fluoranthene	110		52	82.7	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	72	J	52.8	82.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.6	U	61.6	82.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.7	U	62.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.3	U	51.3	82.7	110	ug/Kg
218-01-9	Chrysene	50.6	U	50.6	82.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.9	U	57.9	82.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.9	U	69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.6	J	51.6	82.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.5	U	52.5	82.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.1	U	59.1	82.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.7	U	49.7	82.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.6	U	51.6	82.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.9	U	50.9	82.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.2	U	55.2	82.7	110	ug/Kg
123-91-1	1,4-Dioxane	69.9	U	69.9	82.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.5	U	47.5	82.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.9	U	52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.681		18-112		57	SPK: -150
13127-88-3	Phenol-d6	77.942		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	63.874		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	67.691		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	EO-03-102224	SDG No.:	BF102324
Lab Sample ID:	P4486-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139987.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164338

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.636		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	56.391		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127934	6.892				
1146-65-2	Naphthalene-d8	435685	8.169				
15067-26-2	Acenaphthene-d10	206696	9.927				
1517-22-2	Phenanthrene-d10	363789	11.41				
1719-03-5	Chrysene-d12	284385	14.051				
1520-96-3	Perylene-d12	208018	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	560	J			2.181	
000107-86-8	2-Butenal, 3-methyl-	73.3	J			5.992	
001119-40-0	Pentanedioic acid, dimethyl ester	43.2	J			7.698	
000119-61-9	Benzophenone	270	J			10.639	
000057-10-3	n-Hexadecanoic acid	320	J			11.939	
000057-11-4	Octadecanoic acid	90.9	J			12.721	
018835-32-0	1-Tricosene	190	J			13.898	

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139988.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.9	U	55.9	170	210	ug/Kg
110-86-1	Pyridine	51.5	U	51.5	83.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	62.4	U	62.4	83.8	110	ug/Kg
108-95-2	Phenol	53.4	U	53.4	83.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.9	U	53.9	83.8	110	ug/Kg
95-57-8	2-Chlorophenol	53.8	U	53.8	83.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.5	U	54.5	83.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.4	U	55.4	83.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.7	U	55.7	83.8	110	ug/Kg
100-51-6	Benzyl Alcohol	53.5	U	53.5	170	210	ug/Kg
95-48-7	2-Methylphenol	51.9	U	51.9	83.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.6	U	58.6	83.8	110	ug/Kg
98-86-2	Acetophenone	56	U	56	83.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.4	U	51.4	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26	U	26	51.5	51.5	ug/Kg
67-72-1	Hexachloroethane	53.5	U	53.5	83.8	110	ug/Kg
98-95-3	Nitrobenzene	58.5	U	58.5	83.8	110	ug/Kg
78-59-1	Isophorone	54.5	U	54.5	83.8	110	ug/Kg
88-75-5	2-Nitrophenol	60.9	U	60.9	83.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	60	83.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.3	U	55.3	83.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.6	U	48.6	83.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55	U	55	83.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	53.2	U	53.2	83.8	110	ug/Kg
106-47-8	4-Chloroaniline	53.2	U	53.2	83.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.7	U	53.7	83.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139988.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.9	U	55.9	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.9	U	49.9	83.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.2	U	53.2	83.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	83.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.7	U	47.7	83.8	110	ug/Kg
92-52-4	1,1-Biphenyl	56.3	U	56.3	83.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.7	U	53.7	83.8	110	ug/Kg
88-74-4	2-Nitroaniline	61.2	U	61.2	83.8	110	ug/Kg
131-11-3	Dimethylphthalate	52.6	U	52.6	83.8	110	ug/Kg
208-96-8	Acenaphthylene	55.7	U	55.7	83.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.6	U	53.6	83.8	110	ug/Kg
99-09-2	3-Nitroaniline	57.5	U	57.5	83.8	110	ug/Kg
83-32-9	Acenaphthene	52.2	U	52.2	83.8	110	ug/Kg
Total PAH	Total PAH	853.5	U	853.5	83.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74.7	U	74.7	170	210	ug/Kg
132-64-9	Dibenzofuran	54.4	U	54.4	83.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.1	U	109.1	83.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.5	U	55.5	83.8	110	ug/Kg
84-66-2	Diethylphthalate	51.6	U	51.6	83.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.1	U	55.1	83.8	110	ug/Kg
86-73-7	Fluorene	55.1	U	55.1	83.8	110	ug/Kg
100-01-6	4-Nitroaniline	68.9	U	68.9	83.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.4	U	75.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.6	U	52.6	83.8	110	ug/Kg
103-33-3	Azobenzene	51.3	U	51.3	83.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.8	U	50.8	83.8	110	ug/Kg
118-74-1	Hexachlorobenzene	54.8	U	54.8	83.8	110	ug/Kg
1912-24-9	Atrazine	58.9	U	58.9	83.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139988.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.8	U	49.8	170	210	ug/Kg
85-01-8	Phenanthrene	98	J	54.1	83.8	110	ug/Kg
120-12-7	Anthracene	54.4	U	54.4	83.8	110	ug/Kg
86-74-8	Carbazole	51.7	U	51.7	83.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.3	U	54.3	83.8	110	ug/Kg
206-44-0	Fluoranthene	110		52.6	83.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	170	210	ug/Kg
129-00-0	Pyrene	63.9	J	53.5	83.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.4	U	62.4	83.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.5	U	63.5	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	52	U	52	83.8	110	ug/Kg
218-01-9	Chrysene	51.2	U	51.2	83.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.6	U	58.6	83.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.9	U	70.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.2	U	52.2	83.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.2	U	53.2	83.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.9	U	59.9	83.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.3	U	50.3	83.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.3	U	52.3	83.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.6	U	51.6	83.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.9	U	55.9	83.8	110	ug/Kg
123-91-1	1,4-Dioxane	70.9	U	70.9	83.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.1	U	48.1	83.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.6	U	53.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.488		18-112		58	SPK: -150
13127-88-3	Phenol-d6	80.301		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	64.42		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	65.153		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	ETGI-329	SDG No.:	BF102324
Lab Sample ID:	P4468-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139988.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.288		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	54.931		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116813	6.892				
1146-65-2	Naphthalene-d8	404209	8.169				
15067-26-2	Acenaphthene-d10	196508	9.927				
1517-22-2	Phenanthrene-d10	345989	11.41				
1719-03-5	Chrysene-d12	273536	14.051				
1520-96-3	Perylene-d12	193675	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.193	
000119-61-9	Benzophenone	250	J			10.639	
000057-10-3	n-Hexadecanoic acid	210	J			11.933	
000057-11-4	Octadecanoic acid	44.5	J			12.721	
027519-02-4	9-Tricosene, (Z)-	100	J			13.898	

Hit Summary Sheet SW-846

SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SP-7								
P4385-14	SP-7	Solid	2-Pentanone, 4-hydroxy-4-methyl *	160.000	A			
P4385-14	SP-7	Solid	Benzophenone *	110.000	J			
P4385-14	SP-7	Solid	Butane, 2-methoxy-2-methyl- *	2,100.000	J			
P4385-14	SP-7	Solid	Cyclopentadecane *	200.000	J			
P4385-14	SP-7	Solid	Germanicol *	1,200.000	J			
P4385-14	SP-7	Solid	Heneicosane *	290.000	J			
P4385-14	SP-7	Solid	n-Hexadecanoic acid *	440.000	J			
P4385-14	SP-7	Solid	Octadecanoic acid *	100.000	J			
P4385-14	SP-7	Solid	Oxirane, heptadecyl- *	250.000	J			
P4385-14	SP-7	Solid	Oxirane, hexadecyl- *	360.000	J			
P4385-14	SP-7	Solid	Pentacosane *	330.000	J			
			Total Tics :	5,540.00				
P4385-14	SP-7	Solid	Fluoranthene	89.100	J	86.9	180	ug/Kg
			Total Svoc :	89.10				
			Total Concentration:	5,629.10				
Client ID : SP-10								
P4385-20	SP-10	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P4385-20	SP-10	Solid	Benzophenone *	120.000	J			
P4385-20	SP-10	Solid	Butane, 2-methoxy-2-methyl- *	2,400.000	J			
P4385-20	SP-10	Solid	Cyclopentadecane *	230.000	J			
P4385-20	SP-10	Solid	n-Hexadecanoic acid *	390.000	J			
P4385-20	SP-10	Solid	Nonadecane *	200.000	J			
P4385-20	SP-10	Solid	Octadecanoic acid *	85.600	J			
P4385-20	SP-10	Solid	Oxirane, heptadecyl- *	170.000	J			
P4385-20	SP-10	Solid	Oxirane, hexadecyl- *	130.000	J			
P4385-20	SP-10	Solid	Tricosane, 2-methyl- *	190.000	J			
			Total Tics :	4,125.60				
P4385-20	SP-10	Solid	Fluoranthene	99.400	J	86.3	180	ug/Kg
			Total Svoc :	99.40				
			Total Concentration:	4,225.00				
Client ID : WB-301-TOP								
P4397-01	WB-301-TOP	Solid	.alpha.-Amyrone *	470.000	J			
P4397-01	WB-301-TOP	Solid	1H-1,2,4-Triazol-5-amine, 3-brom *	1,700.000	J			
P4397-01	WB-301-TOP	Solid	9H-Fluorene, 1-methyl- *	430.000	J			
P4397-01	WB-301-TOP	Solid	Anthracene, 2-methyl- *	420.000	J			
P4397-01	WB-301-TOP	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	450.000	J			
P4397-01	WB-301-TOP	Solid	Benzophenone *	570.000	J			

Hit Summary Sheet SW-846

SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4397-01	WB-301-TOP	Solid	Butane, 2-methoxy-2-methyl-	*	4,100.000	J		
P4397-01	WB-301-TOP	Solid	Cholestan-3-one	*	380.000	J		
P4397-01	WB-301-TOP	Solid	Dibenzothiophene	*	420.000	J		
P4397-01	WB-301-TOP	Solid	Fluoranthene, 2-methyl-	*	390.000	J		
P4397-01	WB-301-TOP	Solid	Indeno[2,1-a]indene, 5,10-dihydro	*	510.000	J		
P4397-01	WB-301-TOP	Solid	Naphthalene, 1,2-dimethyl-	*	420.000	J		
P4397-01	WB-301-TOP	Solid	Naphthalene, 2,3-dimethyl-	*	800.000	J		
P4397-01	WB-301-TOP	Solid	Naphthalene, 2,7-dimethyl-	*	520.000	J		
P4397-01	WB-301-TOP	Solid	Naphthalene, 2-ethyl-	*	580.000	J		
P4397-01	WB-301-TOP	Solid	Phenanthrene, 1-methyl-	*	850.000	J		
P4397-01	WB-301-TOP	Solid	Phenanthrene, 2,5-dimethyl-	*	550.000	J		
P4397-01	WB-301-TOP	Solid	Phenanthrene, 2-methyl-	*	730.000	J		
P4397-01	WB-301-TOP	Solid	unknown10.839	*	380.000	J		
P4397-01	WB-301-TOP	Solid	unknown17.298	*	360.000	J		
Total Tics :					15,030.00			
P4397-01	WB-301-TOP	Solid	1,1-Biphenyl		160.000	J	140	ug/Kg
P4397-01	WB-301-TOP	Solid	1-Methylnaphthalene		1,100.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	2-Methylnaphthalene		1,200.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Acenaphthene		1,300.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Acenaphthylene		170.000	J	140	ug/Kg
P4397-01	WB-301-TOP	Solid	Anthracene		1,000.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Benzo(a)anthracene		870.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Benzo(a)pyrene		760.000		150	ug/Kg
P4397-01	WB-301-TOP	Solid	Benzo(b)fluoranthene		580.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Benzo(g,h,i)perylene		190.000	J	130	ug/Kg
P4397-01	WB-301-TOP	Solid	Benzo(k)fluoranthene		300.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Chrysene		890.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Fluoranthene		1,300.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Fluorene		780.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	120	ug/Kg
P4397-01	WB-301-TOP	Solid	Naphthalene		1,400.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Phenanthrene		2,500.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Pyrene		1,200.000		130	ug/Kg
P4397-01	WB-301-TOP	Solid	Total PAH		13,400.000		2100	ug/Kg
Total Svoc :					29,260.00			
Total Concentration:					44,290.00			
Client ID :	WB-301-BOT							
P4397-02	WB-301-BOT	Solid	2-Bromo dodecane	*	110.000	J		
P4397-02	WB-301-BOT	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	A		
P4397-02	WB-301-BOT	Solid	Benzophenone	*	690.000	J		

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SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4397-02	WB-301-BOT	Solid	Butane, 2-methoxy-2-methyl-	*	4,000.000	J		
P4397-02	WB-301-BOT	Solid	Cholestan-3-one	*	100.000	J		
P4397-02	WB-301-BOT	Solid	Heptadecyl heptafluorobutyrate	*	160.000	J		
P4397-02	WB-301-BOT	Solid	Hexadecane	*	91.600	J		
P4397-02	WB-301-BOT	Solid	Methanone, (1-hydroxycyclohexy	*	96.900	J		
P4397-02	WB-301-BOT	Solid	n-Hexadecanoic acid	*	340.000	J		
P4397-02	WB-301-BOT	Solid	Naphthalene, 2,3-dimethyl-	*	110.000	J		
P4397-02	WB-301-BOT	Solid	Nonadecane	*	91.200	J		
P4397-02	WB-301-BOT	Solid	unknown12.022	*	150.000	J		
P4397-02	WB-301-BOT	Solid	unknown12.498	*	100.000	J		
Total Tics :					6,309.70			
P4397-02	WB-301-BOT	Solid	Acenaphthene		140.000	J 110	220	ug/Kg
P4397-02	WB-301-BOT	Solid	Anthracene		110.000	J 110	220	ug/Kg
P4397-02	WB-301-BOT	Solid	Fluoranthene		150.000	J 110	220	ug/Kg
P4397-02	WB-301-BOT	Solid	Phenanthrene		330.000	110	220	ug/Kg
P4397-02	WB-301-BOT	Solid	Pyrene		130.000	J 110	220	ug/Kg
Total Svoc :					860.00			
Total Concentration:					7,169.70			
Client ID : WB-301-SW								
P4397-04	WB-301-SW	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.600	A		
P4397-04	WB-301-SW	Water	Benzophenone	*	2.600	J		
P4397-04	WB-301-SW	Water	Butane, 2-methoxy-2-methyl-	*	220.000	J		
P4397-04	WB-301-SW	Water	n-Hexadecanoic acid	*	2.100	J		
Total Tics :					227.30			
Total Concentration:					227.30			
Client ID : WB-301-BOT								
P4397-06	WB-301-BOT	water	1-Methylnaphthalene		67.700	8.6	50	ug/L
P4397-06	WB-301-BOT	water	2-Methylnaphthalene		69.400	11.3	50	ug/L
P4397-06	WB-301-BOT	water	Acenaphthene		67.100	8.1	50	ug/L
P4397-06	WB-301-BOT	water	Fluorene		34.300	J 9.6	50	ug/L
P4397-06	WB-301-BOT	water	Naphthalene		130.000	10.2	50	ug/L
P4397-06	WB-301-BOT	water	Phenanthrene		54.000	8.9	50	ug/L
P4397-06	WB-301-BOT	water	Total PAH		285.000	J 172.9	800	ug/L
Total Svoc :					707.50			
Total Concentration:					707.50			
Client ID : OG-315-HR-502-COMP-30DL								
P4443-06DL	OG-315-HR-502-COMP- Solid		Anthracene		980.000	JD 590	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP- Solid		Benzo(a)anthracene		3,200.000	D 560	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP- Solid		Benzo(a)pyrene		2,600.000	D 650	1200	ug/Kg

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SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4443-06DL	OG-315-HR-502-COMP-	Solid	Benzo(b)fluoranthene	2,900.000	D	570	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Benzo(g,h,i)perylene	950.000	JD	560	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Benzo(k)fluoranthene	1,300.000	D	580	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Chrysene	3,200.000	D	550	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Fluoranthene	5,900.000	D	570	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Indeno(1,2,3-cd)pyrene	920.000	JD	540	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Phenanthrene	5,300.000	D	590	1200	ug/Kg
P4443-06DL	OG-315-HR-502-COMP-	Solid	Pyrene	4,500.000	D	580	1200	ug/Kg

Total Svoc : 31,750.00

Total Concentration: 31,750.00

Client ID : 280517

P4458-01	280517	Solid	17.alpha.(H),21.beta.(H)-Hopane *	360.000	J			
P4458-01	280517	Solid	2-Pentanone, 4-hydroxy-4-methyl *	170.000	A			
P4458-01	280517	Solid	28-Nor-17.alpha.(H)-hopane *	310.000	J			
P4458-01	280517	Solid	3-Penten-2-one, 4-methyl- *	200.000	A			
P4458-01	280517	Solid	Butane, 2-methoxy-2-methyl- *	1,500.000	J			
P4458-01	280517	Solid	Cholestane *	230.000	J			
P4458-01	280517	Solid	n-Hexadecanoic acid *	140.000	J			
P4458-01	280517	Solid	Stigmastane *	110.000	J			

Total Tics : 3,020.00

P4458-01	280517	Solid	Benzo(a)anthracene	110.000	J	110	230	ug/Kg
P4458-01	280517	Solid	Benzo(b)fluoranthene	120.000	J	110	230	ug/Kg
P4458-01	280517	Solid	Fluoranthene	230.000		110	230	ug/Kg
P4458-01	280517	Solid	Phenanthrene	150.000	J	110	230	ug/Kg
P4458-01	280517	Solid	Pyrene	120.000	J	110	230	ug/Kg

Total Svoc : 730.00

Total Concentration: 3,750.00

Client ID : ETGI-329

P4468-03	ETGI-329	Solid	9-Tricosene, (Z)- *	100.000	J			
P4468-03	ETGI-329	Solid	Benzophenone *	250.000	J			
P4468-03	ETGI-329	Solid	Butane, 2-methoxy-2-methyl- *	1,600.000	J			
P4468-03	ETGI-329	Solid	n-Hexadecanoic acid *	210.000	J			
P4468-03	ETGI-329	Solid	Octadecanoic acid *	44.500	J			

Total Tics : 2,204.50

P4468-03	ETGI-329	Solid	Fluoranthene	110.000		52.6	110	ug/Kg
P4468-03	ETGI-329	Solid	Phenanthrene	98.000	J	54.1	110	ug/Kg
P4468-03	ETGI-329	Solid	Pyrene	63.900	J	53.5	110	ug/Kg

Total Svoc : 271.90

Total Concentration: 2,476.40

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SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ETGI-345								
P4468-05	ETGI-345	Solid	Benzophenone	*	210.000	J		
P4468-05	ETGI-345	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4468-05	ETGI-345	Solid	Heptadecyl heptafluorobutyrate	*	86.100	J		
P4468-05	ETGI-345	Solid	n-Hexadecanoic acid	*	150.000	J		
P4468-05	ETGI-345	Solid	Phthalic acid, decyl 2,4-dimethylp	*	47.900	J		
P4468-05	ETGI-345	Solid	Phthalic acid, hept-3-yl nonyl est	*	56.000	J		
P4468-05	ETGI-345	Solid	Phthalic acid, heptyl 3-methylbut-	*	110.000	J		
P4468-05	ETGI-345	Solid	Supraene	*	46.300	J		
			Total Tics :		2,206.30			
P4468-05	ETGI-345	Solid	Di-n-octyl phthalate		94.100	J 72.1	220	ug/Kg
			Total Svoc :		94.10			
			Total Concentration:		2,300.40			
Client ID : ETGI-345								
P4468-06	ETGI-345	water	Benzidine		210.000	40.7	100	ug/L
			Total Svoc :		210.00			
			Total Concentration:		210.00			
Client ID : BP-F-28								
P4472-01	BP-F-28	Solid	1-Octadecanesulphonyl chloride	*	360.000	J		
P4472-01	BP-F-28	Solid	4,4-Dimethylbiphenyl	*	140.000	J		
P4472-01	BP-F-28	Solid	4,6,8-Trimethylazulene	*	160.000	J		
P4472-01	BP-F-28	Solid	Benzophenone	*	220.000	J		
P4472-01	BP-F-28	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4472-01	BP-F-28	Solid	Dodecane, 2,7,10-trimethyl-	*	350.000	J		
P4472-01	BP-F-28	Solid	Heptacosane	*	320.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 1,2,3,4-tetrahydro-6-	*	170.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 1,2,3,4-tetrahydro-6-	*	170.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 1,3-dimethyl-	*	170.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 1,4,6-trimethyl-	*	180.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 1,6,7-trimethyl-	*	180.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 1,6-dimethyl-	*	360.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 2,3,6-trimethyl-	*	310.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 2,3-dimethyl-	*	460.000	J		
P4472-01	BP-F-28	Solid	Naphthalene, 2,7-dimethyl-	*	250.000	J		
P4472-01	BP-F-28	Solid	Phenanthrene, 1-methyl-	*	290.000	J		
P4472-01	BP-F-28	Solid	Tridecane	*	400.000	J		
P4472-01	BP-F-28	Solid	Tridecane, 5-propyl-	*	540.000	J		
P4472-01	BP-F-28	Solid	Undecane, 4,6-dimethyl-	*	150.000	J		
			Total Tics :		6,680.00			
P4472-01	BP-F-28	Solid	1-Methylnaphthalene		300.000	55.6	110	ug/Kg

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SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4472-01	BP-F-28	Solid	2-Methylnaphthalene	440.000		55.1	110	ug/Kg
P4472-01	BP-F-28	Solid	Fluorene	74.000	J	57.1	110	ug/Kg
P4472-01	BP-F-28	Solid	Phenanthrene	180.000		56.1	110	ug/Kg

Total Svoc : 994.00
Total Concentration: 7,674.00

Client ID : BP-F-28

P4472-04	BP-F-28	water	Benzidine	560.000		40.7	100	ug/L
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Total Svoc : 560.00
Total Concentration: 560.00

Client ID : TS-1

P4473-01	TS-1	Solid	.beta.-Amyrone	*	920.000	J		
P4473-01	TS-1	Solid	.beta.-iso-Methyl ionone	*	1,100.000	J		
P4473-01	TS-1	Solid	.gamma.-Sitosterol	*	2,700.000	J		
P4473-01	TS-1	Solid	1,1,4a-Trimethyl-5,6-dimethylene	*	690.000	J		
P4473-01	TS-1	Solid	1-Docosene	*	490.000	J		
P4473-01	TS-1	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	690.000	J		
P4473-01	TS-1	Solid	2-Heptadecanone	*	320.000	J		
P4473-01	TS-1	Solid	5-Eicosene, (E)-	*	320.000	J		
P4473-01	TS-1	Solid	Benzophenone	*	670.000	J		
P4473-01	TS-1	Solid	Butane, 2-methoxy-2-methyl-	*	5,000.000	J		
P4473-01	TS-1	Solid	Cycloeicosane	*	740.000	J		
P4473-01	TS-1	Solid	D-Friedoolean-14-en-3-ol	*	2,100.000	J		
P4473-01	TS-1	Solid	D-Friedoolean-14-en-3-one	*	2,600.000	J		
P4473-01	TS-1	Solid	Heneicosane	*	420.000	J		
P4473-01	TS-1	Solid	Lupeol	*	2,500.000	J		
P4473-01	TS-1	Solid	n-Hexadecanoic acid	*	1,600.000	J		
P4473-01	TS-1	Solid	Octacosane	*	480.000	J		
P4473-01	TS-1	Solid	Octadecanoic acid	*	490.000	J		
P4473-01	TS-1	Solid	Olean-18-ene	*	1,300.000	J		
P4473-01	TS-1	Solid	unknown14.839	*	3,000.000	J		

Total Tics : 28,130.00
Total Concentration: 28,130.00

Client ID : TS-2

P4474-01	TS-2	Solid	(E)-3-Methyl-5-((1R,4aR,8aR)-5,4'	*	190.000	J		
P4474-01	TS-2	Solid	.gamma.-Sitosterol	*	1,500.000	J		
P4474-01	TS-2	Solid	1-Docosene	*	540.000	J		
P4474-01	TS-2	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	520.000	J		
P4474-01	TS-2	Solid	A-Neogammacer-22(29)-ene	*	860.000	J		
P4474-01	TS-2	Solid	Benzophenone	*	270.000	J		

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SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4474-01	TS-2	Solid	Butane, 2-methoxy-2-methyl-	*	4,900.000	J		
P4474-01	TS-2	Solid	cis-7-Hexadecenoic acid	*	200.000	J		
P4474-01	TS-2	Solid	Cyclopentadecane	*	760.000	J		
P4474-01	TS-2	Solid	D-Friedoolean-14-en-3-ol	*	1,600.000	J		
P4474-01	TS-2	Solid	D-Friedoolean-14-en-3-one	*	2,600.000	J		
P4474-01	TS-2	Solid	Epilupeol; 20(29)-Lupen-3alpha-c	*	590.000	J		
P4474-01	TS-2	Solid	Heptadecane, 2,6,10,15-tetrameth	*	410.000	J		
P4474-01	TS-2	Solid	Hexacosane	*	330.000	J		
P4474-01	TS-2	Solid	n-Hexadecanoic acid	*	1,300.000	J		
P4474-01	TS-2	Solid	Octadecanoic acid	*	430.000	J		
P4474-01	TS-2	Solid	Olean-12-en-3-ol, acetate, (3.beta	*	780.000	J		
P4474-01	TS-2	Solid	Olean-18-ene	*	980.000	J		
P4474-01	TS-2	Solid	Supraene	*	340.000	J		
P4474-01	TS-2	Solid	unknown16.163	*	600.000	J		
Total Tics :					19,700.00			
Total Concentration:					19,700.00			
Client ID : EO-03-102224								
P4486-01	EO-03-102224	Solid	1-Tricosene	*	190.000	J		
P4486-01	EO-03-102224	Solid	2-Butenal, 3-methyl-	*	73.300	J		
P4486-01	EO-03-102224	Solid	Benzophenone	*	270.000	J		
P4486-01	EO-03-102224	Solid	Butane, 2-methoxy-2-methyl-	*	560.000	J		
P4486-01	EO-03-102224	Solid	n-Hexadecanoic acid	*	320.000	J		
P4486-01	EO-03-102224	Solid	Octadecanoic acid	*	90.900	J		
P4486-01	EO-03-102224	Solid	Pentanedioic acid, dimethyl ester	*	43.200	J		
Total Tics :					1,547.40			
P4486-01	EO-03-102224	Solid	Benzo(b)fluoranthene		56.600	J	51.6	110 ug/Kg
P4486-01	EO-03-102224	Solid	Fluoranthene		110.000	J	52	110 ug/Kg
P4486-01	EO-03-102224	Solid	Phenanthrene		67.800	J	53.4	110 ug/Kg
P4486-01	EO-03-102224	Solid	Pyrene		72.000	J	52.8	110 ug/Kg
Total Svoc :					306.40			
Total Concentration:					1,853.80			
Client ID : RT-2675								
P4489-01	RT-2675	Solid	Benzene, 1-ethyl-2-methyl-	*	690.000	J		
P4489-01	RT-2675	Solid	Benzene, 1-methyl-3-propyl-	*	970.000	J		
P4489-01	RT-2675	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	620.000	J		
P4489-01	RT-2675	Solid	Cyclohexane, 1-methyl-2-propyl-	*	410.000	J		
P4489-01	RT-2675	Solid	Cyclohexane, butyl-	*	690.000	J		
P4489-01	RT-2675	Solid	Decane	*	1,300.000	J		
P4489-01	RT-2675	Solid	Decane, 2,5,6-trimethyl-	*	330.000	J		

Hit Summary Sheet
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SDG No.: BF102324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4489-01	RT-2675	Solid	Heneicosane	*	330.000	J		
P4489-01	RT-2675	Solid	Heptane, 2,3,4-trimethyl-	*	350.000	J		
P4489-01	RT-2675	Solid	Mesitylene	*	270.000	J		
P4489-01	RT-2675	Solid	Nonadecane	*	250.000	J		
P4489-01	RT-2675	Solid	Nonane	*	440.000	J		
P4489-01	RT-2675	Solid	o-Cymene	*	270.000	J		
P4489-01	RT-2675	Solid	Octadecane, 1-iodo-	*	700.000	J		
P4489-01	RT-2675	Solid	Octane, 2,6-dimethyl-	*	480.000	J		
P4489-01	RT-2675	Solid	Tetracosane	*	570.000	J		
P4489-01	RT-2675	Solid	Triacontane	*	970.000	J		
P4489-01	RT-2675	Solid	Tricosane	*	480.000	J		
P4489-01	RT-2675	Solid	Tridecane, 6-propyl-	*	440.000	J		
P4489-01	RT-2675	Solid	unknown7.304	*	650.000	J		
Total Tics :					11,210.00			
P4489-01	RT-2675	Solid	1,1-Biphenyl		470.000	57.7	110	ug/Kg
P4489-01	RT-2675	Solid	1-Methylnaphthalene		2,900.000	E 54.9	110	ug/Kg
P4489-01	RT-2675	Solid	2-Methylnaphthalene		4,800.000	E 54.5	110	ug/Kg
P4489-01	RT-2675	Solid	Benzo(b)fluoranthene		86.600	J 53.5	110	ug/Kg
P4489-01	RT-2675	Solid	Bis(2-ethylhexyl)phthalate		590.000	60.1	110	ug/Kg
P4489-01	RT-2675	Solid	Chrysene		65.000	J 52.5	110	ug/Kg
P4489-01	RT-2675	Solid	Phenanthrene		370.000	55.5	110	ug/Kg
P4489-01	RT-2675	Solid	Pyrene		230.000	54.8	110	ug/Kg
Total Svoc :					9,511.60			
Total Concentration:					20,721.60			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.815	0.800	0.799	0.806	0.782	0.793	2.4
Pyridine		1.622	1.570	1.522	1.504	1.386	1.476	7.3
2-Fluorophenol		1.465	1.398	1.331	1.278	1.179	1.278	10.1
Benzaldehyde			1.137	1.042	0.940	0.873	0.931	15.2
Aniline		1.673	1.649	1.618	1.582	1.471	1.542	8.1
Phenol-d6		1.900	1.818	1.709	1.647	1.538	1.655	10.1
Phenol		1.952	1.832	1.760	1.712	1.583	1.706	9.2
bis(2-Chloroethyl)ether		1.470	1.423	1.359	1.294	1.251	1.319	7.8
2-Chlorophenol		1.503	1.422	1.358	1.310	1.212	1.306	10.2
1,2-Dichlorobenzene		1.660	1.579	1.478	1.379	1.273	1.398	13.2
1,3-Dichlorobenzene		1.718	1.656	1.544	1.499	1.392	1.499	10.2
1,4-Dichlorobenzene		1.723	1.641	1.558	1.487	1.392	1.498	10.2
Benzyl Alcohol		1.355	1.299	1.257	1.213	1.154	1.214	8.1
2-Methylphenol		1.264	1.164	1.134	1.114	1.053	1.114	7.7
2,2-oxybis(1-Chloropropane)		2.524	2.409	2.353	2.255	2.117	2.248	8.7
Acetophenone		0.578	0.533	0.516	0.481	0.452	0.490	11.4
3+4-Methylphenols		1.678	1.573	1.520	1.418	1.309	1.424	12.4
n-Nitroso-di-n-propylamine	1.105	1.141	1.066	1.025	0.974	0.921	1.004	9.6
Nitrobenzene-d5		0.365	0.365	0.372	0.371	0.354	0.361	2.9
Hexachloroethane		0.583	0.571	0.549	0.541	0.507	0.534	7.1
Nitrobenzene		0.417	0.402	0.408	0.403	0.383	0.396	4.1
Isophorone		0.755	0.709	0.702	0.679	0.652	0.685	5.9
2-Nitrophenol		0.124	0.137	0.150	0.157	0.158	0.149	9.2
2,4-Dimethylphenol		0.285	0.259	0.256	0.248	0.237	0.249	8.1
bis(2-Chloroethoxy)methane		0.468	0.440	0.432	0.412	0.394	0.415	8.2
2,4-Dichlorophenol		0.308	0.297	0.293	0.283	0.272	0.283	6.2
1,2,4-Trichlorobenzene		0.351	0.331	0.325	0.315	0.298	0.314	7.7
Benzoic acid			0.175	0.207	0.220	0.231	0.217	10.7
Naphthalene		1.209	1.121	1.091	1.023	0.958	1.031	11.2
4-Chloroaniline		0.397	0.382	0.368	0.351	0.332	0.352	9.3
Hexachlorobutadiene		0.224	0.206	0.203	0.197	0.185	0.197	8.0
Caprolactam		0.092	0.092	0.092	0.092	0.088	0.090	2.9
4-Chloro-3-methylphenol		0.341	0.328	0.324	0.315	0.299	0.314	6.0
2-Methylnaphthalene		0.740	0.689	0.666	0.621	0.587	0.632	11.1
Hexachlorocyclopentadiene		0.185	0.193	0.198	0.198	0.186	0.188	5.3
2,4,6-Trichlorophenol		0.405	0.382	0.400	0.387	0.363	0.382	4.8

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.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D		RRF005 = BF139845.D		RRF010 = BF139846.D		
		RRF020 = BF139847.D		RRF040 = BF139848.D		RRF050 = BF139849.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.396	1.280	1.162	1.088	1.210	16.0
2,4,5-Trichlorophenol		0.426	0.425	0.398	0.401	0.381	0.394	6.6
1,1-Biphenyl		1.640	1.536	1.483	1.379	1.285	1.392	12.2
2-Chloronaphthalene		1.288	1.225	1.164	1.111	1.048	1.121	10.0
2-Nitroaniline		0.299	0.318	0.353	0.365	0.354	0.343	7.2
Dimethylphthalate		1.410	1.344	1.283	1.237	1.172	1.246	8.6
Acenaphthylene		1.854	1.756	1.717	1.615	1.507	1.621	10.1
2,6-Dinitrotoluene		0.256	0.266	0.278	0.280	0.273	0.270	3.4
3-Nitroaniline		0.270	0.275	0.296	0.292	0.276	0.278	4.8
Acenaphthene		1.200	1.136	1.089	1.044	0.977	1.049	9.5
2,4-Dinitrophenol			0.056	0.077	0.101	0.101	0.093	23.9
4-Nitrophenol		0.187	0.207	0.225	0.232	0.219	0.214	6.8
Dibenzofuran		1.767	1.659	1.579	1.486	1.389	1.505	11.5
2,4-Dinitrotoluene		0.280	0.314	0.337	0.356	0.344	0.332	7.9
Diethylphthalate		1.366	1.308	1.267	1.214	1.165	1.223	8.0
4-Chlorophenyl-phenylether		0.698	0.638	0.617	0.569	0.526	0.579	13.1
Fluorene		1.409	1.309	1.201	1.110	1.029	1.146	14.7
4-Nitroaniline		0.249	0.259	0.270	0.275	0.263	0.263	3.6
4,6-Dinitro-2-methylphenol			0.055	0.072	0.087	0.090	0.082	18.6
n-Nitrosodiphenylamine		0.672	0.641	0.621	0.595	0.568	0.599	8.1
Azobenzene		1.459	1.385	1.355	1.306	1.216	1.297	8.6
2,4,6-Tribromophenol		0.201	0.196	0.193	0.188	0.179	0.187	5.5
4-Bromophenyl-phenylether		0.230	0.217	0.211	0.202	0.197	0.206	7.0
Hexachlorobenzene		0.258	0.245	0.237	0.231	0.217	0.232	7.2
Atrazine		0.189	0.175	0.156	0.175	0.135	0.162	11.4
Pentachlorophenol		0.118	0.137	0.148	0.152	0.145	0.141	8.0
Phenanthrene		1.121	1.035	0.994	0.933	0.863	0.945	11.8
Anthracene		1.082	1.014	0.972	0.913	0.851	0.922	11.5
Carbazole		1.002	0.964	0.923	0.846	0.776	0.857	12.6
Di-n-butylphthalate		1.104	1.071	1.062	1.014	0.923	0.990	9.8
Fluoranthene		1.149	1.108	1.036	0.943	0.842	0.955	15.3
Benzidine		0.457	0.461	0.293	0.366	0.276	0.329	30.9
Pyrene		1.892	1.828	1.900	1.805	1.685	1.751	8.4
Terphenyl-d14		1.381	1.335	1.340	1.244	1.154	1.227	11.0
Butylbenzylphthalate		0.490	0.513	0.536	0.555	0.535	0.525	4.0
3,3-Dichlorobenzidine		0.368	0.372	0.390	0.387	0.374	0.380	2.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF101824 SAS No.: BF101824 SDG No.: BF101824
Instrument ID: _____ Calibration Date(s): 10/18/2024
Calibration Time(s): 10:27

LAB FILE ID:		RRF2.5 = BF139844.D			RRF005 = BF139845.D		RRF010 = BF139846.D	
		RRF020 = BF139847.D			RRF040 = BF139848.D		RRF050 = BF139849.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.425	1.355	1.329	1.331	1.267	1.302	6.5
Chrysene		1.325	1.244	1.234	1.167	1.134	1.194	6.5
Bis(2-ethylhexyl)phthalate		0.520	0.539	0.577	0.626	0.620	0.589	7.5
Di-n-octyl phthalate			0.786	0.930	1.135	1.182	1.071	16.1
Benzo(b)fluoranthene		1.317	1.240	1.319	1.196	1.105	1.218	7.1
Benzo(k)fluoranthene		1.213	1.177	0.992	1.066	1.030	1.051	10.4
Benzo(a)pyrene		1.030	1.024	1.018	1.025	0.974	1.002	3.1
Indeno(1,2,3-cd)pyrene		1.209	1.261	1.307	1.352	1.299	1.287	3.8
Dibenzo(a,h)anthracene		1.021	1.064	1.103	1.120	1.083	1.073	3.3
Benzo(g,h,i)perylene		1.030	1.046	1.090	1.128	1.081	1.072	3.4
1,2,4,5-Tetrachlorobenzene		0.609	0.579	0.562	0.537	0.512	0.540	8.7
1,4-Dioxane		0.651	0.625	0.603	0.591	0.571	0.596	5.7
2,3,4,6-Tetrachlorophenol		0.334	0.322	0.326	0.310	0.296	0.309	6.3
1-Methylnaphthalene		0.726	0.683	0.655	0.612	0.569	0.620	11.5

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.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 09:48

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	181899	6.892	688880	8.18	379753	9.93
	UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
	LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
	EPA SAMPLE NO.						
01	PB164020BL	157434	6.89	620371	8.17	355818	9.93
02	PB164020BS	145453	6.89	571435	8.18	326976	9.93
03	PB164237BL	161293	6.89	627475	8.17	355535	9.93
04	PB164237BS	153790	6.89	606740	8.18	340748	9.93
05	PB164208BL	160805	6.89	631044	8.17	354621	9.93
06	PB164216BS	153415	6.89	597946	8.18	337040	9.93
07	PB164123BS	157015	6.89	616380	8.18	348472	9.93
08	PB164154BS	155060	6.89	598190	8.18	337425	9.93
09	PB164154BSD	161665	6.89	636044	8.18	355843	9.93
10	PB164286BL	146341	6.89	564292	8.17	320476	9.93
11	PB164286BS	158593	6.89	620873	8.18	350222	9.93
12	PB164195TB	140748	6.89	553544	8.17	312540	9.92
13	WB-301-BOT	156242	6.89	612656	8.17	337691	9.93
14	OG-315-HR-502-COMP-30DL	153196	6.89	564160	8.17	291321	9.92
15	280517	163623	6.89	576692	8.17	276883	9.93
16	WB-301-BOTMS	145719	6.89	539980	8.18	259652	9.93
17	WB-301-BOTMSD	137496	6.89	502859	8.18	242617	9.93
18	BP-F-28	139555	6.89	498180	8.17	238869	9.92
19	ETGI-345	147918	6.89	541314	8.17	268595	9.92
20	ETGI-329	141549	6.89	537624	8.17	260732	9.92
21	WB-301-SW	146831	6.89	541523	8.17	276437	9.92
22	WB-301-BOT	146113	6.89	542139	8.17	263407	9.92
23	WB-301-BOTMS	145039	6.89	535106	8.18	263539	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 21:49

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	181899	6.892	688880	8.18	379753	9.93
UPPER LIMIT	363798	7.392	1377760	8.675	759506	10.427
LOWER LIMIT	90949.5	6.392	344440	7.675	189876.5	9.427
EPA SAMPLE NO.						
24 WB-301-BOTMSD	145043	6.89	544717	8.18	274724	9.93
25 WB-301-TOP	147308	6.89	535162	8.17	259896	9.93
26 ETGI-345	152208	6.89	559714	8.17	276594	9.92
27 BP-F-28	131718	6.89	473412	8.17	229477	9.93
28 SP-10	133316	6.89	485669	8.17	228899	9.92
29 SP-7	123541	6.89	443226	8.17	204877	9.92
30 TS-2	131007	6.89	463948	8.17	218643	9.93
31 TS-1	122079	6.89	419562	8.17	193817	9.93
32 RT-2675	98875	6.90	108248 *	8.20	126425 *	9.99
33 EO-03-102224	127934	6.89	435685	8.17	206696	9.93
34 ETGI-329	116813	6.89	404209	8.17	196508	9.93

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.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139952.D Time Analyzed: 09:48

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	156634	6.893	590130	8.18	329153	9.93
UPPER LIMIT	313268	7.393	1180260	8.675	658306	10.428
LOWER LIMIT	78317	6.393	295065	7.675	164576.5	9.428
EPA SAMPLE NO.						
01 PB164020BL	157434	6.89	620371	8.17	355818	9.93
02 PB164020BS	145453	6.89	571435	8.18	326976	9.93
03 PB164237BL	161293	6.89	627475	8.17	355535	9.93
04 PB164237BS	153790	6.89	606740	8.18	340748	9.93
05 PB164208BL	160805	6.89	631044	8.17	354621	9.93
06 PB164216BS	153415	6.89	597946	8.18	337040	9.93
07 PB164123BS	157015	6.89	616380	8.18	348472	9.93
08 PB164154BS	155060	6.89	598190	8.18	337425	9.93
09 PB164154BSD	161665	6.89	636044	8.18	355843	9.93
10 PB164286BL	146341	6.89	564292	8.17	320476	9.93
11 PB164286BS	158593	6.89	620873	8.18	350222	9.93

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.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139965.D Time Analyzed: 15:58

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	159858	6.892	611382	8.18	340124	9.93
	UPPER LIMIT	319716	7.392	1222764	8.675	680248	10.428
	LOWER LIMIT	79929	6.392	305691	7.675	170062	9.428
	EPA SAMPLE NO.						
01	PB164195TB	140748	6.89	553544	8.17	312540	9.92
02	WB-301-BOT	156242	6.89	612656	8.17	337691	9.93
03	OG-315-HR-502-COMP-30DL	153196	6.89	564160	8.17	291321	9.92
04	280517	163623	6.89	576692	8.17	276883	9.93
05	WB-301-BOTMS	145719	6.89	539980	8.18	259652	9.93
06	WB-301-BOTMSD	137496	6.89	502859	8.18	242617	9.93
07	BP-F-28	139555	6.89	498180	8.17	238869	9.92
08	ETGI-345	147918	6.89	541314	8.17	268595	9.92
09	ETGI-329	141549	6.89	537624	8.17	260732	9.92
10	WB-301-SW	146831	6.89	541523	8.17	276437	9.92
11	WB-301-BOT	146113	6.89	542139	8.17	263407	9.92
12	WB-301-BOTMS	145039	6.89	535106	8.18	263539	9.93
13	WB-301-BOTMSD	145043	6.89	544717	8.18	274724	9.93
14	WB-301-TOP	147308	6.89	535162	8.17	259896	9.93
15	ETGI-345	152208	6.89	559714	8.17	276594	9.92
16	BP-F-28	131718	6.89	473412	8.17	229477	9.93
17	SP-10	133316	6.89	485669	8.17	228899	9.92
18	SP-7	123541	6.89	443226	8.17	204877	9.92
19	TS-2	131007	6.89	463948	8.17	218643	9.93
20	TS-1	122079	6.89	419562	8.17	193817	9.93
21	RT-2675	98875	6.90	108248 *	8.20	126425 *	9.99
22	EO-03-102224	127934	6.89	435685	8.17	206696	9.93
23	ETGI-329	116813	6.89	404209	8.17	196508	9.93

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

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

Lab File ID: BF139965.D Time Analyzed: 02:34

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	159858	6.892	611382	8.18	340124	9.93
UPPER LIMIT	319716	7.392	1222764	8.675	680248	10.428
LOWER LIMIT	79929	6.392	305691	7.675	170062	9.428
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 09:48

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	663459	11.416	345800	14.051	365076	15.527
	UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
	LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
	EPA SAMPLE NO.						
01	PB164020BL	672283	11.41	479376	14.05	375898	15.53
02	PB164020BS	595466	11.42	306351	14.06	324169	15.53
03	PB164237BL	670496	11.41	446379	14.05	355399	15.53
04	PB164237BS	610666	11.42	319638	14.06	339182	15.53
05	PB164208BL	668162	11.41	452366	14.05	359351	15.53
06	PB164216BS	608398	11.42	308469	14.06	334273	15.53
07	PB164123BS	625574	11.42	318250	14.06	349349	15.53
08	PB164154BS	611801	11.42	325970	14.06	358287	15.53
09	PB164154BSD	646570	11.42	335936	14.06	357796	15.53
10	PB164286BL	596529	11.41	356991	14.05	312503	15.53
11	PB164286BS	635882	11.42	319612	14.06	347575	15.53
12	PB164195TB	576047	11.41	352149	14.05	309751	15.53
13	WB-301-BOT	580027	11.41	346002	14.05	384483	15.53
14	OG-315-HR-502-COMP-30DL	448826	11.41	321776	14.05	388344	15.53
15	280517	425444	11.41	373812	14.05	365815	15.53
16	WB-301-BOTMS	394534	11.42	319585	14.06	328571	15.53
17	WB-301-BOTMSD	363131	11.42	305569	14.06	311545	15.53
18	BP-F-28	356328	11.41	321296	14.05	302161	15.53
19	ETGI-345	403583	11.41	340738	14.05	309184	15.53
20	ETGI-329	391613	11.41	328805	14.05	301905	15.53
21	WB-301-SW	397037	11.41	340671	14.05	311683	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 20:51

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	663459	11.416	345800	14.051	365076	15.527
UPPER LIMIT	1326918	11.916	691600	14.551	730152	16.027
LOWER LIMIT	331729.5	10.916	172900	13.551	182538	15.027
EPA SAMPLE NO.						
22 WB-301-BOT	381099	11.41	321287	14.05	306800	15.53
23 WB-301-BOTMS	377320	11.42	297713	14.06	304160	15.53
24 WB-301-BOTMSD	399778	11.42	304493	14.06	305520	15.53
25 WB-301-TOP	369608	11.41	318909	14.05	311630	15.53
26 ETGI-345	414075	11.41	346194	14.05	313337	15.53
27 BP-F-28	332464	11.41	295547	14.05	264144	15.53
28 SP-10	357369	11.41	325119	14.05	261481	15.53
29 SP-7	329287 *	11.41	309239	14.05	243467	15.53
30 TS-2	348917	11.41	324231	14.05	250440	15.53
31 TS-1	323002 *	11.41	307625	14.05	232454	15.53
32 RT-2675	181889 *	11.47	271082	14.08	219040	15.54
33 EO-03-102224	363789	11.41	284385	14.05	208018	15.53
34 ETGI-329	345989	11.41	273536	14.05	193675	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139952.D Time Analyzed: 09:48

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	576587	11.416	299183	14.057	329130	15.533
UPPER LIMIT	1153174	11.916	598366	14.557	658260	16.033
LOWER LIMIT	288293.5	10.916	149591.5	13.557	164565	15.033
EPA SAMPLE NO.						
01 PB164020BL	672283	11.41	479376	14.05	375898	15.53
02 PB164020BS	595466	11.42	306351	14.06	324169	15.53
03 PB164237BL	670496	11.41	446379	14.05	355399	15.53
04 PB164237BS	610666	11.42	319638	14.06	339182	15.53
05 PB164208BL	668162	11.41	452366	14.05	359351	15.53
06 PB164216BS	608398	11.42	308469	14.06	334273	15.53
07 PB164123BS	625574	11.42	318250	14.06	349349	15.53
08 PB164154BS	611801	11.42	325970	14.06	358287	15.53
09 PB164154BSD	646570	11.42	335936	14.06	357796	15.53
10 PB164286BL	596529	11.41	356991	14.05	312503	15.53
11 PB164286BS	635882	11.42	319612	14.06	347575	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER 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.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 23 2024 12:00AM

Lab File ID: BF139965.D Time Analyzed: 15:58

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	597021	11.416	306092	14.057	358871	15.533
	UPPER LIMIT	1194042	11.916	612184	14.557	717742	16.033
	LOWER LIMIT	298510.5	10.916	153046	13.557	179435.5	15.033
	EPA SAMPLE NO.						
01	PB164195TB	576047	11.41	352149	14.05	309751	15.53
02	WB-301-BOT	580027	11.41	346002	14.05	384483	15.53
03	OG-315-HR-502-COMP-30DL	448826	11.41	321776	14.05	388344	15.53
04	280517	425444	11.41	373812	14.05	365815	15.53
05	WB-301-BOTMS	394534	11.42	319585	14.06	328571	15.53
06	WB-301-BOTMSD	363131	11.42	305569	14.06	311545	15.53
07	BP-F-28	356328	11.41	321296	14.05	302161	15.53
08	ETGI-345	403583	11.41	340738	14.05	309184	15.53
09	ETGI-329	391613	11.41	328805	14.05	301905	15.53
10	WB-301-SW	397037	11.41	340671	14.05	311683	15.53
11	WB-301-BOT	381099	11.41	321287	14.05	306800	15.53
12	WB-301-BOTMS	377320	11.42	297713	14.06	304160	15.53
13	WB-301-BOTMSD	399778	11.42	304493	14.06	305520	15.53
14	WB-301-TOP	369608	11.41	318909	14.05	311630	15.53
15	ETGI-345	414075	11.41	346194	14.05	313337	15.53
16	BP-F-28	332464	11.41	295547	14.05	264144	15.53
17	SP-10	357369	11.41	325119	14.05	261481	15.53
18	SP-7	329287	11.41	309239	14.05	243467	15.53
19	TS-2	348917	11.41	324231	14.05	250440	15.53
20	TS-1	323002	11.41	307625	14.05	232454	15.53
21	RT-2675	181889 *	11.47	271082	14.08	219040	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102324 SAS No.: BF102324 SDG NO.: BF102324

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

Lab File ID: BF139965.D Time Analyzed: 02:06

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	597021	11.416	306092	14.057	358871	15.533
UPPER LIMIT	1194042	11.916	612184	14.557	717742	16.033
LOWER LIMIT	298510.5	10.916	153046	13.557	179435.5	15.033
EPA SAMPLE NO.						
22 EO-03-102224	363789	11.41	284385	14.05	208018	15.53
23 ETGI-329	345989	11.41	273536	14.05	193675	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164020BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	620	ug/Kg	36				10	133	
	Aniline	1700	1400	ug/Kg	82				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				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	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1900	ug/Kg	112		*		61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	770	ug/Kg	45				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	5900	ug/Kg	179		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	Total PAH	27200	27300	ug/Kg	100				57	104	
	2,4-Dinitrophenol	3300	4500	ug/Kg	136		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164020BS	4-Nitrophenol	3300	3800	ug/Kg	115				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	2000	ug/Kg	118		*		60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3700	ug/Kg	109		*		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	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2400	ug/Kg	141		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2000	ug/Kg	118				47	152	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	1900	ug/Kg	58				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	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	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164123BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	1400	ug/Kg	82				28	98		
	Benzaldehyde	1700	580	ug/Kg	34				10	133		
	Aniline	1700	1500	ug/Kg	88				38	100		
	Phenol	1700	1600	ug/Kg	94				62	112		
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				42	116		
	2-Methylphenol	1700	1600	ug/Kg	94				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100		
	Acetophenone	1700	1500	ug/Kg	88				66	98		
	3+4-Methylphenols	1700	1500	ug/Kg	88				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	1600	ug/Kg	94				59	99		
	2-Nitrophenol	1700	1900	ug/Kg	112		*		61	111		
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141		
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110		
	Benzoic acid	1700	1700	ug/Kg	100				10	140		
	Naphthalene	1700	1600	ug/Kg	94				62	100		
	4-Chloroaniline	1700	860	ug/Kg	51				16	100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98		
	Caprolactam	1700	1700	ug/Kg	100				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104		
	Hexachlorocyclopentadiene	3300	5900	ug/Kg	179		*		45	165		
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102		
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98		
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
	Acenaphthylene	1700	1700	ug/Kg	100				63	101		
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104		
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100		
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104		
	Total PAH	27200	27100	ug/Kg	100				57	104		
	2,4-Dinitrophenol	3300	4400	ug/Kg	133		*		37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164123BS	4-Nitrophenol	3300	3500	ug/Kg	106				48	119		
	Dibenzofuran	1700	1600	ug/Kg	94				63	99		
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3600	ug/Kg	106				60	106		
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		60	106		
	Diethylphthalate	1700	1600	ug/Kg	94				60	101		
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98		
	Fluorene	1700	1600	ug/Kg	94				61	101		
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103		
	4,6-Dinitro-2-methylphenol	1700	2300	ug/Kg	135		*		76	113		
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99		
	Azobenzene	1700	1600	ug/Kg	94				54	103		
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102		
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98		
	Atrazine	1700	1900	ug/Kg	112				47	152		
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105		
	Phenanthrene	1700	1600	ug/Kg	94				59	103		
	Anthracene	1700	1700	ug/Kg	100				61	105		
	Carbazole	1700	1600	ug/Kg	94				61	99		
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104		
	Fluoranthene	1700	1600	ug/Kg	94				57	107		
	Benzidine	3300	2100	ug/Kg	64				10	98		
	Pyrene	1700	1700	ug/Kg	100				59	103		
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103		
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91		
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102		
	Chrysene	1700	1700	ug/Kg	100				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135		
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137		
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103		
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101		
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112		
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101		
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108		
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164154BS	n-Nitrosodimethylamine	50	43.4	ug/L	87				55	108	
	Pyridine	50	41.8	ug/L	84				29	97	
	Benzaldehyde	50	17.2	ug/L	34				10	162	
	Aniline	50	40.5	ug/L	81				10	130	
	Phenol	50	46.9	ug/L	94				66	118	
	bis(2-Chloroethyl)ether	50	46.9	ug/L	94				62	103	
	2-Chlorophenol	50	49.8	ug/L	100				70	117	
	1,2-Dichlorobenzene	50	48.1	ug/L	96				72	102	
	1,3-Dichlorobenzene	50	45.6	ug/L	91				71	103	
	1,4-Dichlorobenzene	50	46.8	ug/L	94				76	103	
	Benzyl Alcohol	50	49.1	ug/L	98		*		36	93	
	2-Methylphenol	50	48.9	ug/L	98				69	109	
	2,2-oxybis(1-Chloropropane)	50	46	ug/L	92				65	100	
	Acetophenone	50	46.3	ug/L	93				60	104	
	3+4-Methylphenols	50	46.5	ug/L	93				67	106	
	N-Nitroso-di-n-propylamine	50	46.7	ug/L	93				57	107	
	Hexachloroethane	50	47.3	ug/L	95				76	118	
	Nitrobenzene	50	46.2	ug/L	92				58	106	
	Isophorone	50	48.7	ug/L	97				61	102	
	2-Nitrophenol	50	58.6	ug/L	117		*		70	115	
	2,4-Dimethylphenol	50	57.2	ug/L	114				42	142	
	bis(2-Chloroethoxy)methane	50	48.3	ug/L	97				58	109	
	2,4-Dichlorophenol	50	49.9	ug/L	100				66	115	
	1,2,4-Trichlorobenzene	50	46.6	ug/L	93				41	115	
	Benzoic acid	50	51.1	ug/L	102				10	125	
	Naphthalene	50	46.9	ug/L	94				64	107	
	4-Chloroaniline	50	21.5	ug/L	43				10	85	
	Hexachlorobutadiene	50	47.9	ug/L	96				69	101	
	Caprolactam	50	49.5	ug/L	99				58	128	
	4-Chloro-3-methylphenol	50	49.5	ug/L	99				65	114	
	2-Methylnaphthalene	50	48.6	ug/L	97				64	107	
	Hexachlorocyclopentadiene	100	180	ug/L	180		*		36	160	
	2,4,6-Trichlorophenol	50	52.2	ug/L	104				61	110	
	2,4,5-Trichlorophenol	50	49.7	ug/L	99				70	106	
	1,1-Biphenyl	50	47.5	ug/L	95				72	98	
	2-Chloronaphthalene	50	46.5	ug/L	93				59	106	
	2-Nitroaniline	50	54	ug/L	108				73	114	
	Dimethylphthalate	50	50.5	ug/L	101				64	103	
	Acenaphthylene	50	50.9	ug/L	102				79	103	
	2,6-Dinitrotoluene	50	52.4	ug/L	105				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	55.1	ug/L	110				59	113	
	Total PAH	800	802.4	ug/L	100				59	113	
	2,4-Dinitrophenol	100	130	ug/L	130				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB164154BS	4-Nitrophenol	100	110	ug/L	110				45	147	
	Dibenzofuran	50	48.2	ug/L	96				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	110.2	ug/L	110				60	115	
	2,4-Dinitrotoluene	50	57.8	ug/L	116		*		60	115	
	Diethylphthalate	50	49.9	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	48.4	ug/L	97				61	104	
	Fluorene	50	48.1	ug/L	96				64	107	
	4-Nitroaniline	50	52.6	ug/L	105				55	125	
	4,6-Dinitro-2-methylphenol	50	70.2	ug/L	140		*		62	132	
	N-Nitrosodiphenylamine	50	48	ug/L	96				61	109	
	Azobenzene	50	47.9	ug/L	96				59	106	
	4-Bromophenyl-phenylether	50	49.9	ug/L	100				73	103	
	Hexachlorobenzene	50	49.6	ug/L	99				73	106	
	Atrazine	50	58.1	ug/L	116				76	120	
	Pentachlorophenol	100	99.9	ug/L	100				47	114	
	Phenanthrene	50	48.2	ug/L	96				62	109	
	Anthracene	50	50.3	ug/L	101				65	110	
	Carbazole	50	46.4	ug/L	93				62	106	
	Di-n-butylphthalate	50	49	ug/L	98				64	106	
	Fluoranthene	50	47.2	ug/L	94				64	110	
	Benzidine	100	55.5	ug/L	56				10	94	
	Pyrene	50	48.5	ug/L	97				71	103	
	Butylbenzylphthalate	50	54	ug/L	108		*		61	105	
	3,3-Dichlorobenzidine	50	35.3	ug/L	71				43	108	
	Benzo(a)anthracene	50	50.3	ug/L	101				62	107	
	Chrysene	50	50.9	ug/L	102				61	108	
	bis(2-Ethylhexyl)phthalate	50	57.8	ug/L	116		*		59	110	
	Di-n-octyl phthalate	50	57.1	ug/L	114				52	139	
	Benzo(b)fluoranthene	50	49.8	ug/L	100				77	113	
	Benzo(k)fluoranthene	50	48.7	ug/L	97				77	105	
	Benzo(a)pyrene	50	53.5	ug/L	107				72	131	
	Indeno(1,2,3-cd)pyrene	50	53.2	ug/L	106		*		72	105	
	Dibenz(a,h)anthracene	50	52.3	ug/L	105				78	115	
	Benzo(g,h,i)perylene	50	48.5	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	47.4	ug/L	95				72	101	
	1,4-Dioxane	50	39.2	ug/L	78				38	125	
	2,3,4,6-Tetrachlorophenol	50	53.8	ug/L	108				63	116	
	1-Methylnaphthalene	50	46.5	ug/L	93				51	114	
PB164154BSD	n-Nitrosodimethylamine	50	43.3	ug/L	87	0			55	108	20
	Pyridine	50	41.8	ug/L	84	0			29	97	20
	Benzaldehyde	50	17.2	ug/L	34	0			10	162	20
	Aniline	50	40.3	ug/L	81	0			10	130	20
	Phenol	50	46.9	ug/L	94	0			66	118	20
	bis(2-Chloroethyl)ether	50	46.4	ug/L	93	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164154BSD	2-Chlorophenol	50	49.6	ug/L	99	0			70	117	20
	1,2-Dichlorobenzene	50	47.6	ug/L	95	1			72	102	20
	1,3-Dichlorobenzene	50	45.4	ug/L	91	0			71	103	20
	1,4-Dichlorobenzene	50	46.2	ug/L	92	1			76	103	20
	Benzyl Alcohol	50	48.8	ug/L	98	1	*		36	93	20
	2-Methylphenol	50	48.5	ug/L	97	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	45.7	ug/L	91	1			65	100	20
	Acetophenone	50	45.3	ug/L	91	2			60	104	20
	3+4-Methylphenols	50	45.7	ug/L	91	2			67	106	20
	N-Nitroso-di-n-propylamine	50	46.4	ug/L	93	1			57	107	20
	Hexachloroethane	50	47.3	ug/L	95	0			76	118	20
	Nitrobenzene	50	45.5	ug/L	91	2			58	106	20
	Isophorone	50	47.3	ug/L	95	3			61	102	20
	2-Nitrophenol	50	57.9	ug/L	116	1	*		70	115	20
	2,4-Dimethylphenol	50	55.8	ug/L	112	2			42	142	20
	bis(2-Chloroethoxy)methane	50	46.7	ug/L	93	3			58	109	20
	2,4-Dichlorophenol	50	48.8	ug/L	98	2			66	115	20
	1,2,4-Trichlorobenzene	50	45.6	ug/L	91	2			41	115	20
	Benzoic acid	50	49.8	ug/L	100	3			10	125	20
	Naphthalene	50	45.8	ug/L	92	2			64	107	20
	4-Chloroaniline	50	19.8	ug/L	40	8			10	85	20
	Hexachlorobutadiene	50	46.7	ug/L	93	3			69	101	20
	Caprolactam	50	51.4	ug/L	103	4			58	128	20
	4-Chloro-3-methylphenol	50	48.4	ug/L	97	2			65	114	20
	2-Methylnaphthalene	50	47.3	ug/L	95	3			64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170	6	*		36	160	20
	2,4,6-Trichlorophenol	50	50.9	ug/L	102	3			61	110	20
	2,4,5-Trichlorophenol	50	49.6	ug/L	99	0			70	106	20
	1,1-Biphenyl	50	46.7	ug/L	93	2			72	98	20
	2-Chloronaphthalene	50	46.1	ug/L	92	1			59	106	20
	2-Nitroaniline	50	53.8	ug/L	108	0			73	114	20
	Dimethylphthalate	50	49.8	ug/L	100	1			64	103	20
	Acenaphthylene	50	50.5	ug/L	101	1			79	103	20
	2,6-Dinitrotoluene	50	52.2	ug/L	104	0			64	110	20
	3-Nitroaniline	50	30.7	ug/L	61	2			28	100	20
	Acenaphthene	50	53.9	ug/L	108	2			59	113	20
	Total PAH	800	799.2	ug/L	100	0			59	113	20
	2,4-Dinitrophenol	100	130	ug/L	130	0			36	166	20
	4-Nitrophenol	100	110	ug/L	110	0			45	147	20
	Dibenzofuran	50	47.6	ug/L	95	1			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	109.9	ug/L	110	0			60	115	20
	2,4-Dinitrotoluene	50	57.7	ug/L	115	0			60	115	20
	Diethylphthalate	50	49	ug/L	98	2			63	105	20
	4-Chlorophenyl-phenylether	50	47.6	ug/L	95	2			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB164154BSD	Fluorene	50	47.4	ug/L	95	1			64	107	20
	4-Nitroaniline	50	52.6	ug/L	105	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	70.5	ug/L	141	0	*		62	132	20
	N-Nitrosodiphenylamine	50	47.7	ug/L	95	1			61	109	20
	Azobenzene	50	47.5	ug/L	95	1			59	106	20
	4-Bromophenyl-phenylether	50	48.7	ug/L	97	2			73	103	20
	Hexachlorobenzene	50	47.9	ug/L	96	3			73	106	20
	Atrazine	50	58.6	ug/L	117	1			76	120	20
	Pentachlorophenol	100	100	ug/L	100	0			47	114	20
	Phenanthrene	50	47.5	ug/L	95	1			62	109	20
	Anthracene	50	49.3	ug/L	99	2			65	110	20
	Carbazole	50	46.6	ug/L	93	0			62	106	20
	Di-n-butylphthalate	50	48.8	ug/L	98	0			64	106	20
	Fluoranthene	50	46.5	ug/L	93	1			64	110	20
	Benzidine	100	56.2	ug/L	56	1			10	94	20
	Pyrene	50	49.5	ug/L	99	2			71	103	20
	Butylbenzylphthalate	50	55.1	ug/L	110	2	*		61	105	20
	3,3-Dichlorobenzidine	50	34.2	ug/L	68	3			43	108	20
	Benzo(a)anthracene	50	49.8	ug/L	100	1			62	107	20
	Chrysene	50	50.6	ug/L	101	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	57.5	ug/L	115	1	*		59	110	20
	Di-n-octyl phthalate	50	53.8	ug/L	108	6			52	139	20
	Benzo(b)fluoranthene	50	49.3	ug/L	99	1			77	113	20
	Benzo(k)fluoranthene	50	48.9	ug/L	98	0			77	105	20
	Benzo(a)pyrene	50	54.2	ug/L	108	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	54	ug/L	108	1	*		72	105	20
	Dibenz(a,h)anthracene	50	53.1	ug/L	106	2			78	115	20
	Benzo(g,h,i)perylene	50	48.9	ug/L	98	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	46.8	ug/L	94	1			72	101	20
	1,4-Dioxane	50	39.3	ug/L	79	0			38	125	20
	2,3,4,6-Tetrachlorophenol	50	53.9	ug/L	108	0			63	116	20
	1-Methylnaphthalene	50	45.4	ug/L	91	2			51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164216BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	550	ug/Kg	32				10	133	
	Aniline	1700	1400	ug/Kg	82				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				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	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1900	ug/Kg	112		*		61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	700	ug/Kg	41				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	6000	ug/Kg	182		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1800	ug/Kg	106		*		61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	Total PAH	27200	27200	ug/Kg	100				57	104	
	2,4-Dinitrophenol	3300	4500	ug/Kg	136		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164216BS	4-Nitrophenol	3300	3700	ug/Kg	112				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3700	ug/Kg	109		*		60	106	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		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	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2400	ug/Kg	141		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2000	ug/Kg	118				47	152	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	2100	ug/Kg	64				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164237BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	550	ug/Kg	32				10	133	
	Aniline	1700	1400	ug/Kg	82				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				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	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1900	ug/Kg	112		*		61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	710	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	5900	ug/Kg	179		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1800	ug/Kg	106		*		57	104	
	Total PAH	27200	27000	ug/Kg	99				57	104	
	2,4-Dinitrophenol	3300	4300	ug/Kg	130		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB164237BS	4-Nitrophenol	3300	3600	ug/Kg	109				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1900	ug/Kg	112		*		60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3600	ug/Kg	106				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2400	ug/Kg	141		*		76	113	
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	2000	ug/Kg	118				47	152	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	2000	ug/Kg	61				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164286BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	1300	ug/Kg	76				28	98		
	Benzaldehyde	1700	450	ug/Kg	26				10	133		
	Aniline	1700	1600	ug/Kg	94				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100		
	Acetophenone	1700	1400	ug/Kg	82				66	98		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95		
	Hexachloroethane	1700	1500	ug/Kg	88				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141		
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97		
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1500	ug/Kg	88				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104		
	Hexachlorocyclopentadiene	3300	5300	ug/Kg	161				45	165		
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104		
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100		
	Acenaphthene	1700	1600	ug/Kg	94				57	104		
	Total PAH	27200	23800	ug/Kg	88				57	104		
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102324**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164286BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	2000	ug/Kg	118		*		76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	2700	ug/Kg	82				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1400	ug/Kg	82				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				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	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164020BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139953.D

Lab Sample ID: PB164020BL

Instrument ID: BNA_F

Date Extracted: 10/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 09:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164020BS	PB164020BS	BF139954.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP-10

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139982.D

Lab Sample ID: P4385-20

Instrument ID: BNA_F

Date Extracted: 10/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 23:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP-10	P4385-20	BF139982.D	10/23/2024
SP-7	P4385-14	BF139983.D	10/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WB-301-BOT

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139976.D

Lab Sample ID: P4397-02

Instrument ID: BNA_F

Date Extracted: 10/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 20:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WB-301-BOT	P4397-02	BF139976.D	10/23/2024
WB-301-BOTMS	P4397-02MS	BF139977.D	10/23/2024
WB-301-BOTMSD	P4397-02MSD	BF139978.D	10/23/2024
WB-301-TOP	P4397-01	BF139979.D	10/23/2024
PB164123BS	PB164123BS	BF139959.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164154BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139960.D

Lab Sample ID: PB164154BS

Instrument ID: BNA_F

Date Extracted: 10/15/2024

Matrix: (soil/water) Water

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 13:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164154BS	PB164154BS	BF139960.D	10/23/2024
PB164154BSD	PB164154BSD	BF139961.D	10/23/2024
WB-301-SW	P4397-04	BF139975.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164208BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139957.D

Lab Sample ID: PB164208BL

Instrument ID: BNA_F

Date Extracted: 10/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 11:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164216BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139958.D

Lab Sample ID: PB164216BS

Instrument ID: BNA_F

Date Extracted: 10/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 12:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164216BS	PB164216BS	BF139958.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164237BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139955.D

Lab Sample ID: PB164237BL

Instrument ID: BNA_F

Date Extracted: 10/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 10:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164237BS	PB164237BS	BF139956.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164195TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139966.D

Lab Sample ID: PB164195TB

Instrument ID: BNA_F

Date Extracted: 10/18/2024

Matrix: (soil/water) water

Date Analyzed: 10/23/2024

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
PB164195TB	PB164195TB	BF139966.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164286BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139962.D

Lab Sample ID: PB164286BL

Instrument ID: BNA_F

Date Extracted: 10/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 14:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164286BS	PB164286BS	BF139963.D	10/23/2024
280517	P4458-01	BF139969.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ETGI-329

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139988.D

Lab Sample ID: P4468-03

Instrument ID: BNA_F

Date Extracted: 10/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 02:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ETGI-329	P4468-03	BF139988.D	10/24/2024
ETGI-345	P4468-05	BF139980.D	10/23/2024
BP-F-28	P4472-01	BF139981.D	10/23/2024
TS-2	P4474-01	BF139984.D	10/24/2024
TS-1	P4473-01	BF139985.D	10/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WB-301-BOTMS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139970.D

Lab Sample ID: P4397-06MS

Instrument ID: BNA_F

Date Extracted: 10/22/2024

Matrix: (soil/water) water

Date Analyzed: 10/23/2024

Level: (low/med) LOW

Time Analyzed: 17:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WB-301-BOTMS	P4397-06MS	BF139970.D	10/23/2024
WB-301-BOTMSD	P4397-06MSD	BF139971.D	10/23/2024
BP-F-28	P4472-04	BF139972.D	10/23/2024
ETGI-345	P4468-06	BF139973.D	10/23/2024
ETGI-329	P4468-04	BF139974.D	10/23/2024
WB-301-BOT	P4397-06	BF139967.D	10/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RT-2675

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102324

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139986.D

Lab Sample ID: P4489-01

Instrument ID: BNA_F

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 01:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RT-2675	P4489-01	BF139986.D	10/24/2024
EO-03-102224	P4486-01	BF139987.D	10/24/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4397-02MS		Client Sample ID: WB-301-BOTMS		DataFile: BF139977.D							
n-Nitrosodimethylamine	2200		2100	ug/Kg	95				66	124	
Pyridine	2200		2000	ug/Kg	91				45	119	
Benzaldehyde	2200		830	ug/Kg	38				10	86	
Aniline	2200		1300	ug/Kg	59				10	88	
Phenol	2200		2100	ug/Kg	95				67	126	
bis(2-Chloroethyl)ether	2200		2200	ug/Kg	100				54	125	
2-Chlorophenol	2200		2200	ug/Kg	100				79	107	
1,2-Dichlorobenzene	2200		2200	ug/Kg	100				61	105	
1,3-Dichlorobenzene	2200		2100	ug/Kg	95				62	101	
1,4-Dichlorobenzene	2200		2200	ug/Kg	100				63	104	
Benzyl Alcohol	2200		2200	ug/Kg	100				47	126	
2-Methylphenol	2200		2200	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	2200		2100	ug/Kg	95				65	110	
Acetophenone	2200		2200	ug/Kg	100				75	111	
3+4-Methylphenols	2200		2100	ug/Kg	95				66	104	
N-Nitroso-di-n-propylamine	2200		2100	ug/Kg	95				59	119	
Hexachloroethane	2200		2100	ug/Kg	95				65	117	
Nitrobenzene	2200		2200	ug/Kg	100				70	119	
Isophorone	2200		2200	ug/Kg	100				76	122	
2-Nitrophenol	2200		2600	ug/Kg	118				54	145	
2,4-Dimethylphenol	2200		2500	ug/Kg	114				44	135	
bis(2-Chloroethoxy)methane	2200		2200	ug/Kg	100				68	112	
2,4-Dichlorophenol	2200		2200	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	2200		2100	ug/Kg	95				57	103	
Benzoic acid	2200		1700	ug/Kg	77				50	104	
Naphthalene	2200	0	2200	ug/Kg	100				72	110	
4-Chloroaniline	2200		550	ug/Kg	25				10	91	
Hexachlorobutadiene	2200		2200	ug/Kg	100				66	114	
Caprolactam	2200		2100	ug/Kg	95				51	134	
4-Chloro-3-methylphenol	2200		2100	ug/Kg	95				57	132	
2-Methylnaphthalene	2200	0	2200	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	4400		3100	ug/Kg	70				10	175	
2,4,6-Trichlorophenol	2200		2400	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	2200		2200	ug/Kg	100				72	117	
1,1-Biphenyl	2200		2300	ug/Kg	105				75	113	
2-Chloronaphthalene	2200		2200	ug/Kg	100				67	118	
2-Nitroaniline	2200		2400	ug/Kg	109				69	127	
Dimethylphthalate	2200		2400	ug/Kg	109				70	113	
Acenaphthylene	2200		2300	ug/Kg	105				79	118	
2,6-Dinitrotoluene	2200		2300	ug/Kg	105				70	125	
3-Nitroaniline	2200		1300	ug/Kg	59				30	99	
Acenaphthene	2200	140	2400	ug/Kg	103				70	121	
Total PAH	35200	0	35000	ug/Kg	99				70	121	
2,4-Dinitrophenol	4400		2400	ug/Kg	55				10	155	
4-Nitrophenol	4400		4100	ug/Kg	93				45	133	
Dibenzofuran	2200		2200	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4400		4700	ug/Kg	107				55	128	
2,4-Dinitrotoluene	2200		2400	ug/Kg	109				55	128	
Diethylphthalate	2200		2200	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	2200		2200	ug/Kg	100				71	108	
Fluorene	2200		2100	ug/Kg	95				68	116	
4-Nitroaniline	2200		1900	ug/Kg	86				55	120	
4,6-Dinitro-2-methylphenol	2200		1900	ug/Kg	86				10	160	
N-Nitrosodiphenylamine	2200		2600	ug/Kg	118				73	118	
Azobenzene	2200		2500	ug/Kg	114	*			73	110	
4-Bromophenyl-phenylether	2200		2600	ug/Kg	118				65	121	
Hexachlorobenzene	2200		2400	ug/Kg	109				67	118	
Atrazine	2200		2900	ug/Kg	132	*			79	127	
Pentachlorophenol	4400		4400	ug/Kg	100				47	128	
Phenanthrene	2200	330	2600	ug/Kg	103				52	128	
Anthracene	2200	110	2500	ug/Kg	109				62	124	
Carbazole	2200		2200	ug/Kg	100				59	119	
Di-n-butylphthalate	2200		2500	ug/Kg	114				69	118	
Fluoranthene	2200	150	2400	ug/Kg	102				44	125	
Benzydine	4400		1800	ug/Kg	41				10	119	
Pyrene	2200	130	1800	ug/Kg	76				26	142	
Butylbenzylphthalate	2200		2400	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	2200		1800	ug/Kg	82				33	116	
Benzo(a)anthracene	2200		2400	ug/Kg	109				71	114	
Chrysene	2200		2400	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	2200		3000	ug/Kg	136				42	169	
Di-n-octyl phthalate	2200		3100	ug/Kg	141				23	175	
Benzo(b)fluoranthene	2200		2600	ug/Kg	118				67	121	
Benzo(k)fluoranthene	2200		2400	ug/Kg	109				57	134	
Benzo(a)pyrene	2200		2500	ug/Kg	114				70	142	
Indeno(1,2,3-cd)pyrene	2200		1500	ug/Kg	68				40	129	
Dibenz(a,h)anthracene	2200		1600	ug/Kg	73				43	123	
Benzo(g,h,i)perylene	2200		1300	ug/Kg	59				24	125	
1,2,4,5-Tetrachlorobenzene	2200		2400	ug/Kg	109				69	124	
1,4-Dioxane	2200		2100	ug/Kg	95				46	112	
2,3,4,6-Tetrachlorophenol	2200		2100	ug/Kg	95				69	112	
1-Methylnaphthalene	2200		2100	ug/Kg	95				70	130	
n-Nitrosodimethylamine	500		400	ug/L	80				10	130	
Pyridine	500		260	ug/L	52				10	109	
Benzaldehyde	500		40	ug/L	8	*			10	137	
Aniline	500		150	ug/L	30				10	130	
Phenol	500		410	ug/L	82				10	130	
bis(2-Chloroethyl)ether	500		450	ug/L	90				29	141	
2-Chlorophenol	500		450	ug/L	90				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		410	ug/L	82				55	125	
Benzyl Alcohol	500		450	ug/L	90				31	94	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2-Methylphenol	500		450	ug/L	90				37	126	
2,2-oxybis(1-Chloropropane)	500		420	ug/L	84				36	141	
Acetophenone	500		450	ug/L	90				31	164	
3+4-Methylphenols	500		430	ug/L	86				31	127	
N-Nitroso-di-n-propylamine	500		440	ug/L	88				36	147	
Hexachloroethane	500		400	ug/L	80				49	110	
Nitrobenzene	500		430	ug/L	86				62	112	
Isophorone	500		460	ug/L	92				39	146	
2-Nitrophenol	500		550	ug/L	110				30	148	
2,4-Dimethylphenol	500		540	ug/L	108				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		460	ug/L	92				22	146	
1,2,4-Trichlorobenzene	500		430	ug/L	86				66	110	
Benzoic acid	500		430	ug/L	86				10	101	
Naphthalene	500	130	510	ug/L	76				17	157	
4-Chloroaniline	500		59.2	ug/L	12				10	95	
Hexachlorobutadiene	500		440	ug/L	88				52	125	
Caprolactam	500		390	ug/L	78				10	130	
4-Chloro-3-methylphenol	500		430	ug/L	86				17	148	
2-Methylnaphthalene	500	69.4	490	ug/L	84				38	146	
Hexachlorocyclopentadiene	1000		830	ug/L	83				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				78	112	
2,4,5-Trichlorophenol	500		490	ug/L	98				71	111	
1,1-Biphenyl	500		500	ug/L	100				38	154	
2-Chloronaphthalene	500		480	ug/L	96				41	145	
2-Nitroaniline	500		530	ug/L	106				39	151	
Dimethylphthalate	500		520	ug/L	104				42	147	
Acenaphthylene	500		510	ug/L	102				40	141	
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	
3-Nitroaniline	500		200	ug/L	40				10	111	
Acenaphthene	500	67.1	550	ug/L	97				37	146	
Total PAH	8000	285.4	7580	ug/L	91				37	146	
2,4-Dinitrophenol	1000		870	ug/L	87				14	167	
4-Nitrophenol	1000		890	ug/L	89				10	130	
Dibenzofuran	500		480	ug/L	96				41	145	
2,4-Dinitrotoluene	500		520	ug/L	104				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1030	ug/L	103				50	142	
Diethylphthalate	500		480	ug/L	96				41	148	
4-Chlorophenyl-phenylether	500		470	ug/L	94				38	149	
Fluorene	500	34.3	480	ug/L	89				39	144	
4-Nitroaniline	500		420	ug/L	84				27	138	
4,6-Dinitro-2-methylphenol	500		560	ug/L	112				32	175	
N-Nitrosodiphenylamine	500		530	ug/L	106				40	150	
Azobenzene	500		440	ug/L	88				72	112	
4-Bromophenyl-phenylether	500		530	ug/L	106				42	151	
Hexachlorobenzene	500		490	ug/L	98				72	115	
Atrazine	500		510	ug/L	102				20	162	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	1000	54	1000	ug/L	100				25	139	
Phenanthrene	500		520	ug/L	93				40	147	
Anthracene	500		520	ug/L	104				41	146	
Carbazole	500		480	ug/L	96				37	154	
Di-n-butylphthalate	500		540	ug/L	108				40	151	
Fluoranthene	500		520	ug/L	104				42	146	
Benzidine	1000		370	ug/L	37				10	130	
Pyrene	500		370	ug/L	74				41	149	
Butylbenzylphthalate	500		530	ug/L	106				39	155	
3,3-Dichlorobenzidine	500		390	ug/L	78				10	114	
Benzo(a)anthracene	500		500	ug/L	100				41	147	
Chrysene	500		510	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	500		650	ug/L	130				33	160	
Di-n-octyl phthalate	500		650	ug/L	130				36	158	
Benzo(b)fluoranthene	500	67.7	560	ug/L	112				40	150	
Benzo(k)fluoranthene	500		530	ug/L	106				40	147	
Benzo(a)pyrene	500		550	ug/L	110				42	147	
Indeno(1,2,3-cd)pyrene	500		330	ug/L	66				30	166	
Dibenz(a,h)anthracene	500		340	ug/L	68				23	172	
Benzo(g,h,i)perylene	500		280	ug/L	56				27	167	
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102				89	102	
1,4-Dioxane	500		380	ug/L	76				38	130	
2,3,4,6-Tetrachlorophenol	500		490	ug/L	98				91	111	
1-Methylnaphthalene	500		460	ug/L	78				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4397-02MSD		Client Sample ID: WB-301-BOTMSD		DataFile: BF139978.D							
n-Nitrosodimethylamine	2200		2100	ug/Kg	95		0		66	124	20
Pyridine	2200		2100	ug/Kg	95		4		45	119	20
Benzaldehyde	2200		830	ug/Kg	38		0		10	86	20
Aniline	2200		1400	ug/Kg	64		8		10	88	20
Phenol	2200		2200	ug/Kg	100		5		67	126	20
bis(2-Chloroethyl)ether	2200		2200	ug/Kg	100		0		54	125	20
2-Chlorophenol	2200		2300	ug/Kg	105		5		79	107	20
1,2-Dichlorobenzene	2200		2200	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	2200		2100	ug/Kg	95		0		62	101	20
1,4-Dichlorobenzene	2200		2200	ug/Kg	100		0		63	104	20
Benzyl Alcohol	2200		2200	ug/Kg	100		0		47	126	20
2-Methylphenol	2200		2200	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	2200		2100	ug/Kg	95		0		65	110	20
Acetophenone	2200		2200	ug/Kg	100		0		75	111	20
3+4-Methylphenols	2200		2100	ug/Kg	95		0		66	104	20
N-Nitroso-di-n-propylamine	2200		2100	ug/Kg	95		0		59	119	20
Hexachloroethane	2200		2200	ug/Kg	100		5		65	117	20
Nitrobenzene	2200		2100	ug/Kg	95		5		70	119	20
Isophorone	2200		2200	ug/Kg	100		0		76	122	20
2-Nitrophenol	2200		2700	ug/Kg	123		4		54	145	20
2,4-Dimethylphenol	2200		2600	ug/Kg	118		3		44	135	20
bis(2-Chloroethoxy)methane	2200		2200	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	2200		2200	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	2200		2100	ug/Kg	95		0		57	103	20
Benzoic acid	2200		1900	ug/Kg	86		11		50	104	20
Naphthalene	2200	0	2200	ug/Kg	100		0		72	110	20
4-Chloroaniline	2200		590	ug/Kg	27		8		10	91	20
Hexachlorobutadiene	2200		2200	ug/Kg	100		0		66	114	20
Caprolactam	2200		2100	ug/Kg	95		0		51	134	20
4-Chloro-3-methylphenol	2200		2100	ug/Kg	95		0		57	132	20
2-Methylnaphthalene	2200	0	2200	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	4400		3400	ug/Kg	77		10		10	175	20
2,4,6-Trichlorophenol	2200		2400	ug/Kg	109		0		72	117	20
2,4,5-Trichlorophenol	2200		2200	ug/Kg	100		0		72	117	20
1,1-Biphenyl	2200		2300	ug/Kg	105		0		75	113	20
2-Chloronaphthalene	2200		2200	ug/Kg	100		0		67	118	20
2-Nitroaniline	2200		2400	ug/Kg	109		0		69	127	20
Dimethylphthalate	2200		2300	ug/Kg	105		4		70	113	20
Acenaphthylene	2200		2300	ug/Kg	105		0		79	118	20
2,6-Dinitrotoluene	2200		2300	ug/Kg	105		0		70	125	20
3-Nitroaniline	2200		1300	ug/Kg	59		0		30	99	20
Acenaphthene	2200	140	2400	ug/Kg	103		0		70	121	20
Total PAH	35200	0	34900	ug/Kg	99		0		70	121	20
2,4-Dinitrophenol	4400		3000	ug/Kg	68		21	*	10	155	20
4-Nitrophenol	4400		4200	ug/Kg	95		2		45	133	20
Dibenzofuran	2200		2200	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	4400		4700	ug/Kg	107		0		55	128	20
2,4-Dinitrotoluene	2200		2400	ug/Kg	109		0		55	128	20
Diethylphthalate	2200		2200	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	2200		2100	ug/Kg	95		5		71	108	20
Fluorene	2200		2100	ug/Kg	95		0		68	116	20
4-Nitroaniline	2200		1900	ug/Kg	86		0		55	120	20
4,6-Dinitro-2-methylphenol	2200		2200	ug/Kg	100		15		10	160	20
N-Nitrosodiphenylamine	2200		2500	ug/Kg	114		3		73	118	20
Azobenzene	2200		2500	ug/Kg	114	*	0		73	110	20
4-Bromophenyl-phenylether	2200		2500	ug/Kg	114		3		65	121	20
Hexachlorobenzene	2200		2300	ug/Kg	105		4		67	118	20
Atrazine	2200		2900	ug/Kg	132	*	0		79	127	20
Pentachlorophenol	4400		4400	ug/Kg	100		0		47	128	20
Phenanthrene	2200	330	2500	ug/Kg	99		4		52	128	20
Anthracene	2200	110	2400	ug/Kg	104		5		62	124	20
Carbazole	2200		2200	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	2200		2500	ug/Kg	114		0		69	118	20
Fluoranthene	2200	150	2400	ug/Kg	102		0		44	125	20
Benzidine	4400		2300	ug/Kg	52		24	*	10	119	20
Pyrene	2200	130	1800	ug/Kg	76		0		26	142	20
Butylbenzylphthalate	2200		2500	ug/Kg	114		4		64	126	20
3,3-Dichlorobenzidine	2200		1900	ug/Kg	86		5		33	116	20
Benzo(a)anthracene	2200		2300	ug/Kg	105		4		71	114	20
Chrysene	2200		2400	ug/Kg	109		0		57	121	20
bis(2-Ethylhexyl)phthalate	2200		3000	ug/Kg	136		0		42	169	20
Di-n-octyl phthalate	2200		3000	ug/Kg	136		4		23	175	20
Benzo(b)fluoranthene	2200		2700	ug/Kg	123	*	4		67	121	20
Benzo(k)fluoranthene	2200		2400	ug/Kg	109		0		57	134	20
Benzo(a)pyrene	2200		2500	ug/Kg	114		0		70	142	20
Indeno(1,2,3-cd)pyrene	2200		1600	ug/Kg	73		7		40	129	20
Dibenz(a,h)anthracene	2200		1600	ug/Kg	73		0		43	123	20
Benzo(g,h,i)perylene	2200		1300	ug/Kg	59		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2200		2400	ug/Kg	109		0		69	124	20
1,4-Dioxane	2200		2100	ug/Kg	95		0		46	112	20
2,3,4,6-Tetrachlorophenol	2200		2100	ug/Kg	95		0		69	112	20
1-Methylnaphthalene	2200		2100	ug/Kg	95		0		70	130	20
n-Nitrosodimethylamine	500		430	ug/L	86		7		10	130	20
Pyridine	500		310	ug/L	62		18		10	109	20
Benzaldehyde	500		42.3	ug/L	8	*	0		10	137	20
Aniline	500		160	ug/L	32		6		10	130	20
Phenol	500		440	ug/L	88		7		10	130	20
bis(2-Chloroethyl)ether	500		480	ug/L	96		6		29	141	20
2-Chlorophenol	500		500	ug/L	100		11		23	127	20
1,2-Dichlorobenzene	500		470	ug/L	94		9		61	114	20
1,3-Dichlorobenzene	500		450	ug/L	90		9		65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		9		55	125	20
Benzyl Alcohol	500		490	ug/L	98	*	9		31	94	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2-Methylphenol	500		490	ug/L	98		9		37	126	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92		9		36	141	20
Acetophenone	500		490	ug/L	98		9		31	164	20
3+4-Methylphenols	500		470	ug/L	94		9		31	127	20
N-Nitroso-di-n-propylamine	500		470	ug/L	94		7		36	147	20
Hexachloroethane	500		440	ug/L	88		10		49	110	20
Nitrobenzene	500		490	ug/L	98		13		62	112	20
Isophorone	500		510	ug/L	102		10		39	146	20
2-Nitrophenol	500		590	ug/L	118		7		30	148	20
2,4-Dimethylphenol	500		600	ug/L	120		11		17	143	20
bis(2-Chloroethoxy)methane	500		510	ug/L	102		10		39	143	20
2,4-Dichlorophenol	500		520	ug/L	104		12		22	146	20
1,2,4-Trichlorobenzene	500		480	ug/L	96		11		66	110	20
Benzoic acid	500		470	ug/L	94		9		10	101	20
Naphthalene	500	130	570	ug/L	88		15		17	157	20
4-Chloroaniline	500		53.2	ug/L	11		9		10	95	20
Hexachlorobutadiene	500		490	ug/L	98		11		52	125	20
Caprolactam	500		430	ug/L	86		10		10	130	20
4-Chloro-3-methylphenol	500		480	ug/L	96		11		17	148	20
2-Methylnaphthalene	500	69.4	540	ug/L	94		11		38	146	20
Hexachlorocyclopentadiene	1000		940	ug/L	94		12		20	153	20
2,4,6-Trichlorophenol	500		570	ug/L	114	*	9		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		10		71	111	20
1,1-Biphenyl	500		560	ug/L	112		11		38	154	20
2-Chloronaphthalene	500		530	ug/L	106		10		41	145	20
2-Nitroaniline	500		570	ug/L	114		7		39	151	20
Dimethylphthalate	500		570	ug/L	114		9		42	147	20
Acenaphthylene	500		550	ug/L	110		8		40	141	20
2,6-Dinitrotoluene	500		550	ug/L	110		8		43	148	20
3-Nitroaniline	500		180	ug/L	36		11		10	111	20
Acenaphthene	500	67.1	610	ug/L	109		12		37	146	20
Total PAH	8000	285.4	8340	ug/L	101		10		37	146	20
2,4-Dinitrophenol	1000		970	ug/L	97		11		14	167	20
4-Nitrophenol	1000		980	ug/L	98		10		10	130	20
Dibenzofuran	500		520	ug/L	104		8		41	145	20
2,4-Dinitrotoluene	500		570	ug/L	114		9		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1120	ug/L	112		8		50	142	20
Diethylphthalate	500		540	ug/L	108		12		41	148	20
4-Chlorophenyl-phenylether	500		510	ug/L	102		8		38	149	20
Fluorene	500	34.3	520	ug/L	97		9		39	144	20
4-Nitroaniline	500		460	ug/L	92		9		27	138	20
4,6-Dinitro-2-methylphenol	500		640	ug/L	128		13		32	175	20
N-Nitrosodiphenylamine	500		590	ug/L	118		11		40	150	20
Azobenzene	500		470	ug/L	94		7		72	112	20
4-Bromophenyl-phenylether	500		580	ug/L	116		9		42	151	20
Hexachlorobenzene	500		550	ug/L	110		12		72	115	20
Atrazine	500		560	ug/L	112		9		20	162	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	1000	54	1100	ug/L	110		10		25	139	20
Phenanthrene	500		590	ug/L	107		14		40	147	20
Anthracene	500		580	ug/L	116		11		41	146	20
Carbazole	500		540	ug/L	108		12		37	154	20
Di-n-butylphthalate	500		590	ug/L	118		9		40	151	20
Fluoranthene	500		590	ug/L	118		13		42	146	20
Benzidine	1000		310	ug/L	31		18		10	130	20
Pyrene	500		400	ug/L	80		8		41	149	20
Butylbenzylphthalate	500		570	ug/L	114		7		39	155	20
3,3-Dichlorobenzidine	500		400	ug/L	80		3		10	114	20
Benzo(a)anthracene	500		540	ug/L	108		8		41	147	20
Chrysene	500		550	ug/L	110		8		44	144	20
bis(2-Ethylhexyl)phthalate	500		720	ug/L	144		10		33	160	20
Di-n-octyl phthalate	500		720	ug/L	144		10		36	158	20
Benzo(b)fluoranthene	500		610	ug/L	122		9		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		11		40	147	20
Benzo(a)pyrene	500		600	ug/L	120		9		42	147	20
Indeno(1,2,3-cd)pyrene	500		360	ug/L	72		9		30	166	20
Dibenz(a,h)anthracene	500		370	ug/L	74		8		23	172	20
Benzo(g,h,i)perylene	500		310	ug/L	62		10		27	167	20
1,2,4,5-Tetrachlorobenzene	500	67.7	570	ug/L	114	*	11		89	102	20
1,4-Dioxane	500		420	ug/L	84		10		38	130	20
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104		6		91	111	20
1-Methylnaphthalene	500		510	ug/L	88		12		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164020BL	PB164020BL	BF139953.D	2-Fluorophenol	150	126.04	84		18	112
			Phenol-d6	150	122.64	82		15	107
			Nitrobenzene-d5	100	92.84	93		18	107
			2-Fluorobiphenyl	100	86.86	87		20	109
			2,4,6-Tribromophenol	150	150.28	100		10	116
			Terphenyl-d14	100	80.47	80		10	105
PB164020BS	PB164020BS	BF139954.D	2-Fluorophenol	150	129.83	87		18	112
			Phenol-d6	150	128.64	86		15	107
			Nitrobenzene-d5	100	97.04	97		18	107
			2-Fluorobiphenyl	100	92.63	93		20	109
			2,4,6-Tribromophenol	150	161.49	108		10	116
			Terphenyl-d14	100	105.45	105		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4385-14	SP-7	BF139983.D	2-Fluorophenol	150	85.26	57		18	112
			Phenol-d6	150	79.95	53		15	107
			Nitrobenzene-d5	100	63.49	63		18	107
			2-Fluorobiphenyl	100	70.59	71		20	109
			2,4,6-Tribromophenol	150	82.22	55		10	116
			Terphenyl-d14	100	47.93	48		10	105
P4385-20	SP-10	BF139982.D	2-Fluorophenol	150	102.71	68		18	112
			Phenol-d6	150	96.55	64		15	107
			Nitrobenzene-d5	100	77.31	77		18	107
			2-Fluorobiphenyl	100	82.87	83		20	109
			2,4,6-Tribromophenol	150	97.63	65		10	116
			Terphenyl-d14	100	56.85	57		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4397-01	WB-301-TOP	BF139979.D	2-Fluorophenol	150	87.48	58		18	112
			Phenol-d6	150	83.26	56		15	107
			Nitrobenzene-d5	100	61.93	62		18	107
			2-Fluorobiphenyl	100	59.57	60		20	109
			2,4,6-Tribromophenol	150	75.74	50		10	116
			Terphenyl-d14	100	40.61	41		10	105
P4397-02	WB-301-BOT	BF139976.D	2-Fluorophenol	150	113.39	76		18	112
			Phenol-d6	150	108.29	72		15	107
			Nitrobenzene-d5	100	83.80	84		18	107
			2-Fluorobiphenyl	100	85.63	86		20	109
			2,4,6-Tribromophenol	150	102.01	68		10	116
			Terphenyl-d14	100	57.61	58		10	105
P4397-02MS	WB-301-BOTMS	BF139977.D	2-Fluorophenol	150	114.58	76		18	112
			Phenol-d6	150	111.07	74		15	107
			Nitrobenzene-d5	100	87.21	87		18	107
			2-Fluorobiphenyl	100	87.65	88		20	109
			2,4,6-Tribromophenol	150	113.81	76		10	116
			Terphenyl-d14	100	62.71	63		10	105
P4397-02MSD	WB-301-BOTMSD	BF139978.D	2-Fluorophenol	150	115.96	77		18	112
			Phenol-d6	150	112.95	75		15	107
			Nitrobenzene-d5	100	87.73	88		18	107
			2-Fluorobiphenyl	100	86.80	87		20	109
			2,4,6-Tribromophenol	150	115.07	77		10	116
			Terphenyl-d14	100	62.68	63		10	105
PB164123BS	PB164123BS	BF139959.D	2-Fluorophenol	150	131.02	87		18	112
			Phenol-d6	150	127.79	85		15	107
			Nitrobenzene-d5	100	96.86	97		18	107
			2-Fluorobiphenyl	100	91.58	92		20	109
			2,4,6-Tribromophenol	150	158.02	105		10	116
			Terphenyl-d14	100	102.64	103		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4397-04	WB-301-SW	BF139975.D	2-Fluorophenol	150	63.80	43		10	139
			Phenol-d6	150	44.20	29		10	134
			Nitrobenzene-d5	100	96.88	97		49	133
			2-Fluorobiphenyl	100	95.66	96		52	132
			2,4,6-Tribromophenol	150	112.49	75		44	137
			Terphenyl-d14	100	67.26	67		48	125
PB164154BS	PB164154BS	BF139960.D	2-Fluorophenol	150	128.51	86		10	139
			Phenol-d6	150	126.92	85		10	134
			Nitrobenzene-d5	100	98.45	98		49	133
			2-Fluorobiphenyl	100	93.32	93		52	132
			2,4,6-Tribromophenol	150	159.26	106		44	137
			Terphenyl-d14	100	98.39	98		48	125
PB164154BSD	PB164154BSD	BF139961.D	2-Fluorophenol	150	127.74	85		10	139
			Phenol-d6	150	126.00	84		10	134
			Nitrobenzene-d5	100	96.27	96		49	133
			2-Fluorobiphenyl	100	90.40	90		52	132
			2,4,6-Tribromophenol	150	160.63	107		44	137
			Terphenyl-d14	100	100.40	100		48	125

Surrogate Summary

SW-846

SDG No.: BF102324

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164208BL	PB164208BL	BF139957.D	2-Fluorophenol	150	127.02	85		18	112
			Phenol-d6	150	122.87	82		15	107
			Nitrobenzene-d5	100	92.51	93		18	107
			2-Fluorobiphenyl	100	88.75	89		20	109
			2,4,6-Tribromophenol	150	150.23	100		10	116
			Terphenyl-d14	100	84.72	85		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164216BS	PB164216BS	BF139958.D	2-Fluorophenol	150	128.99	86		18	112
			Phenol-d6	150	127.72	85		15	107
			Nitrobenzene-d5	100	97.66	98		18	107
			2-Fluorobiphenyl	100	93.20	93		20	109
			2,4,6-Tribromophenol	150	159.47	106		10	116
			Terphenyl-d14	100	102.97	103		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164237BL	PB164237BL	BF139955.D	2-Fluorophenol	150	122.00	81		18	112
			Phenol-d6	150	117.92	79		15	107
			Nitrobenzene-d5	100	90.07	90		18	107
			2-Fluorobiphenyl	100	85.74	86		20	109
			2,4,6-Tribromophenol	150	143.81	96		10	116
			Terphenyl-d14	100	80.18	80		10	105
PB164237BS	PB164237BS	BF139956.D	2-Fluorophenol	150	128.22	85		18	112
			Phenol-d6	150	125.98	84		15	107
			Nitrobenzene-d5	100	94.78	95		18	107
			2-Fluorobiphenyl	100	91.49	91		20	109
			2,4,6-Tribromophenol	150	157.73	105		10	116
			Terphenyl-d14	100	98.17	98		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164195TB	PB164195TB	BF139966.D	2-Fluorophenol	150	136.43	91		10	139
			Phenol-d6	150	133.12	89		10	134
			Nitrobenzene-d5	100	99.77	100		49	133
			2-Fluorobiphenyl	100	96.83	97		52	132
			2,4,6-Tribromophenol	150	153.95	103		44	137
			Terphenyl-d14	100	98.07	98		48	125

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4443-06DL	OG-315-HR-502-C	BF139968.D	2-Fluorophenol	150	68.24	45		18	112
			Phenol-d6	150	83.52	56		15	107
			Nitrobenzene-d5	100	60.24	60		18	107
			2-Fluorobiphenyl	100	82.11	82		20	109
			2,4,6-Tribromophenol	150	88.50	59		10	116
			Terphenyl-d14	100	60.76	61		10	105
P4458-01	280517	BF139969.D	2-Fluorophenol	150	75.48	50		18	112
			Phenol-d6	150	72.13	48		15	107
			Nitrobenzene-d5	100	55.01	55		18	107
			2-Fluorobiphenyl	100	59.25	59		20	109
			2,4,6-Tribromophenol	150	71.65	48		10	116
			Terphenyl-d14	100	40.05	40		10	105
PB164286BL	PB164286BL	BF139962.D	2-Fluorophenol	150	134.47	90		18	112
			Phenol-d6	150	130.67	87		15	107
			Nitrobenzene-d5	100	99.42	99		18	107
			2-Fluorobiphenyl	100	94.75	95		20	109
			2,4,6-Tribromophenol	150	156.45	104		10	116
			Terphenyl-d14	100	98.45	98		10	105
PB164286BS	PB164286BS	BF139963.D	2-Fluorophenol	150	123.26	82		18	112
			Phenol-d6	150	120.03	80		15	107
			Nitrobenzene-d5	100	91.81	92		18	107
			2-Fluorobiphenyl	100	86.53	87		20	109
			2,4,6-Tribromophenol	150	147.42	98		10	116
			Terphenyl-d14	100	95.71	96		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4468-03	ETGI-329	BF139988.D	2-Fluorophenol	150	86.49	58		18	112
			Phenol-d6	150	80.30	54		15	107
			Nitrobenzene-d5	100	64.42	64		18	107
			2-Fluorobiphenyl	100	65.15	65		20	109
			2,4,6-Tribromophenol	150	96.29	64		10	116
			Terphenyl-d14	100	54.93	55		10	105
P4468-05	ETGI-345	BF139980.D	2-Fluorophenol	150	78.43	52		18	112
			Phenol-d6	150	75.09	50		15	107
			Nitrobenzene-d5	100	58.70	59		18	107
			2-Fluorobiphenyl	100	57.65	58		20	109
			2,4,6-Tribromophenol	150	74.33	50		10	116
			Terphenyl-d14	100	40.60	41		10	105
P4472-01	BP-F-28	BF139981.D	2-Fluorophenol	150	85.30	57		18	112
			Phenol-d6	150	82.01	55		15	107
			Nitrobenzene-d5	100	64.49	64		18	107
			2-Fluorobiphenyl	100	64.82	65		20	109
			2,4,6-Tribromophenol	150	77.09	51		10	116
			Terphenyl-d14	100	44.14	44		10	105
P4473-01	TS-1	BF139985.D	2-Fluorophenol	150	75.71	50		18	112
			Phenol-d6	150	70.84	47		15	107
			Nitrobenzene-d5	100	61.70	62		18	107
			2-Fluorobiphenyl	100	59.56	60		20	109
			2,4,6-Tribromophenol	150	79.99	53		10	116
			Terphenyl-d14	100	35.21	35		10	105
P4474-01	TS-2	BF139984.D	2-Fluorophenol	150	84.89	57		18	112
			Phenol-d6	150	78.67	52		15	107
			Nitrobenzene-d5	100	65.43	65		18	107
			2-Fluorobiphenyl	100	62.92	63		20	109
			2,4,6-Tribromophenol	150	82.60	55		10	116
			Terphenyl-d14	100	38.03	38		10	105

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4397-06	WB-301-BOT	BF139967.D	2-Fluorophenol	150	134.05	89		10	139
			Phenol-d6	150	127.02	85		10	134
			Nitrobenzene-d5	100	98.61	99		49	133
			2-Fluorobiphenyl	100	91.95	92		52	132
			2,4,6-Tribromophenol	150	157.54	105		44	137
			Terphenyl-d14	100	91.21	91		48	125
P4397-06MS	WB-301-BOTMS	BF139970.D	2-Fluorophenol	150	127.22	85		10	139
			Phenol-d6	150	118.01	79		10	134
			Nitrobenzene-d5	100	99.60	100		49	133
			2-Fluorobiphenyl	100	101.95	102		52	132
			2,4,6-Tribromophenol	150	140.42	94		44	137
			Terphenyl-d14	100	79.00	79		48	125
P4397-06MSD	WB-301-BOTMSD	BF139971.D	2-Fluorophenol	150	139.53	93		10	139
			Phenol-d6	150	129.88	87		10	134
			Nitrobenzene-d5	100	111.21	111		49	133
			2-Fluorobiphenyl	100	112.40	112		52	132
			2,4,6-Tribromophenol	150	154.39	103		44	137
			Terphenyl-d14	100	84.91	85		48	125
P4468-04	ETGI-329	BF139974.D	2-Fluorophenol	150	125.95	84		10	139
			Phenol-d6	150	112.80	75		10	134
			Nitrobenzene-d5	100	100.34	100		49	133
			2-Fluorobiphenyl	100	101.95	102		52	132
			2,4,6-Tribromophenol	150	133.75	89		44	137
			Terphenyl-d14	100	73.28	73		48	125
P4468-06	ETGI-345	BF139973.D	2-Fluorophenol	150	116.25	77		10	139
			Phenol-d6	150	102.34	68		10	134
			Nitrobenzene-d5	100	98.54	99		49	133
			2-Fluorobiphenyl	100	96.92	97		52	132
			2,4,6-Tribromophenol	150	130.36	87		44	137
			Terphenyl-d14	100	69.38	69		48	125
P4472-04	BP-F-28	BF139972.D	2-Fluorophenol	150	124.79	83		10	139
			Phenol-d6	150	109.09	73		10	134
			Nitrobenzene-d5	100	104.58	105		49	133
			2-Fluorobiphenyl	100	105.49	105		52	132
			2,4,6-Tribromophenol	150	135.39	90		44	137
			Terphenyl-d14	100	74.99	75		48	125

Surrogate Summary

SW-846

SDG No.: **BF102324**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4486-01	EO-03-102224	BF139987.D	2-Fluorophenol	150	85.68	57		18	112
			Phenol-d6	150	77.94	52		15	107
			Nitrobenzene-d5	100	63.87	64		18	107
			2-Fluorobiphenyl	100	67.69	68		20	109
			2,4,6-Tribromophenol	150	93.64	62		10	116
			Terphenyl-d14	100	56.39	56		10	105
P4489-01	RT-2675	BF139986.D	2-Fluorophenol	150	107.18	71		18	112
			Phenol-d6	150	92.56	62		15	107
			Nitrobenzene-d5	100	288.64	289	*	18	107
			2-Fluorobiphenyl	100	62.93	63		20	109
			2,4,6-Tribromophenol	150	118.29	79		10	116
			Terphenyl-d14	100	44.08	44		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102324

Lab Code: CHEM

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139951.D

DFTPP Injection Date: 10/23/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	38.1
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	5.8
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139952.D	10/23/2024	09:20
PB164020BL	PB164020BL	BF139953.D	10/23/2024	09:48
PB164020BS	PB164020BS	BF139954.D	10/23/2024	10:17
PB164237BL	PB164237BL	BF139955.D	10/23/2024	10:45
PB164237BS	PB164237BS	BF139956.D	10/23/2024	11:14
PB164208BL	PB164208BL	BF139957.D	10/23/2024	11:42
PB164216BS	PB164216BS	BF139958.D	10/23/2024	12:10
PB164123BS	PB164123BS	BF139959.D	10/23/2024	12:39
PB164154BS	PB164154BS	BF139960.D	10/23/2024	13:07
PB164154BSD	PB164154BSD	BF139961.D	10/23/2024	13:36
PB164286BL	PB164286BL	BF139962.D	10/23/2024	14:04
PB164286BS	PB164286BS	BF139963.D	10/23/2024	14:33

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102324

Lab Code: CHEM

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139964.D

DFTPP Injection Date: 10/23/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (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	BF139965.D	10/23/2024	15:30
PB164195TB	PB164195TB	BF139966.D	10/23/2024	15:58
WB-301-BOT	P4397-06	BF139967.D	10/23/2024	16:32
OG-315-HR-502-COMP-30DL	P4443-06DL	BF139968.D	10/23/2024	17:01
280517	P4458-01	BF139969.D	10/23/2024	17:30
WB-301-BOTMS	P4397-06MS	BF139970.D	10/23/2024	17:59
WB-301-BOTMSD	P4397-06MSD	BF139971.D	10/23/2024	18:28
BP-F-28	P4472-04	BF139972.D	10/23/2024	18:56
ETGI-345	P4468-06	BF139973.D	10/23/2024	19:25
ETGI-329	P4468-04	BF139974.D	10/23/2024	19:54
WB-301-SW	P4397-04	BF139975.D	10/23/2024	20:22
WB-301-BOT	P4397-02	BF139976.D	10/23/2024	20:51
WB-301-BOTMS	P4397-02MS	BF139977.D	10/23/2024	21:20
WB-301-BOTMSD	P4397-02MSD	BF139978.D	10/23/2024	21:49
WB-301-TOP	P4397-01	BF139979.D	10/23/2024	22:17
ETGI-345	P4468-05	BF139980.D	10/23/2024	22:46
BP-F-28	P4472-01	BF139981.D	10/23/2024	23:14
SP-10	P4385-20	BF139982.D	10/23/2024	23:43

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102324

Lab Code: CHEM

SAS No.: BF102324 SDG NO.: BF102324

Lab File ID: BF139964.D

DFTPP Injection Date: 10/23/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	39
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (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
SP-7	P4385-14	BF139983.D	10/24/2024	00:11
TS-2	P4474-01	BF139984.D	10/24/2024	00:40
TS-1	P4473-01	BF139985.D	10/24/2024	01:08
RT-2675	P4489-01	BF139986.D	10/24/2024	01:37
EO-03-102224	P4486-01	BF139987.D	10/24/2024	02:06
ETGI-329	P4468-03	BF139988.D	10/24/2024	02:34