

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG No.: BF102924

Instrument ID: BNA_F Calibration Date/Time: 10/29/2024 : 09:37

Lab File ID: BF140100.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	0.698		-11.98	
Pyridine	1.476	1.348		-8.672	
2-Fluorophenol	1.278	1.231		-3.678	
Benzaldehyde	0.931	0.890		-4.404	
Aniline	1.542	1.377		-10.7	
Phenol-d6	1.655	1.553		-6.163	
Phenol	1.706	1.612		-5.51	20.0
bis(2-Chloroethyl)ether	1.319	1.262		-4.321	
2-Chlorophenol	1.306	1.256		-3.828	
1,2-Dichlorobenzene	1.398	1.386		-0.858	
1,3-Dichlorobenzene	1.499	1.484		-1.001	
1,4-Dichlorobenzene	1.498	1.480		-1.202	20.0
Benzyl Alcohol	1.214	1.157		-4.695	
2-Methylphenol	1.114	1.060		-4.847	
2,2-oxybis(1-Chloropropane)	2.248	2.041		-9.208	
Acetophenone	0.490	0.474		-3.265	
3+4-Methylphenols	1.424	1.345		-5.548	
n-Nitroso-di-n-propylamine	1.004	0.914	0.050	-8.964	
Nitrobenzene-d5	0.361	0.382		5.817	
Hexachloroethane	0.534	0.535		0.187	
Nitrobenzene	0.396	0.400		1.01	
Isophorone	0.685	0.661		-3.504	
2-Nitrophenol	0.149	0.175		17.45	20.0
2,4-Dimethylphenol	0.249	0.232		-6.827	
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	0.313		-0.318	
Benzoic acid	0.217	0.223		2.765	
Naphthalene	1.031	1.010		-2.037	
4-Chloroaniline	0.352	0.331		-5.966	
Hexachlorobutadiene	0.197	0.203		3.046	20.0
Caprolactam	0.090	0.090		0.0	
4-Chloro-3-methylphenol	0.314	0.310		-1.274	20.0
2-Methylnaphthalene	0.632	0.616		-2.532	
Hexachlorocyclopentadiene	0.188	0.193	0.050	2.66	
2,4,6-Trichlorophenol	0.382	0.376		-1.571	20.0
2-Fluorobiphenyl	1.210	1.180		-2.479	
2,4,5-Trichlorophenol	0.394	0.411		4.315	
1,1-Biphenyl	1.392	1.364		-2.011	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.121	1.108		-1.16	
2-Nitroaniline	0.343	0.385		12.245	
Dimethylphthalate	1.246	1.227		-1.525	
Acenaphthylene	1.621	1.605		-0.987	
2,6-Dinitrotoluene	0.270	0.295		9.259	
3-Nitroaniline	0.278	0.297		6.835	
Acenaphthene	1.049	1.061		1.144	20.0
2,4-Dinitrophenol	0.093	0.155	0.050	66.667	
4-Nitrophenol	0.214	0.236	0.050	10.28	
Dibenzofuran	1.505	1.476		-1.927	
2,4-Dinitrotoluene	0.332	0.388		16.867	
Diethylphthalate	1.223	1.207		-1.308	
4-Chlorophenyl-phenylether	0.579	0.583		0.691	
Fluorene	1.146	1.132		-1.222	
4-Nitroaniline	0.263	0.293		11.407	
4,6-Dinitro-2-methylphenol	0.082	0.119		45.122	
n-Nitrosodiphenylamine	0.599	0.566		-5.509	20.0
Azobenzene	1.297	1.255		-3.238	
2,4,6-Tribromophenol	0.187	0.203		8.556	
4-Bromophenyl-phenylether	0.206	0.207		0.485	
Hexachlorobenzene	0.232	0.232		0.0	
Atrazine	0.162	0.160		-1.235	
Pentachlorophenol	0.141	0.154		9.22	20.0
Phenanthrene	0.945	0.913		-3.386	
Anthracene	0.922	0.902		-2.169	
Carbazole	0.857	0.840		-1.984	
Di-n-butylphthalate	0.990	1.010		2.02	
Fluoranthene	0.955	0.943		-1.257	20.0
Benzidine	0.329	0.387		17.629	
Pyrene	1.751	1.837		4.911	
Terphenyl-d14	1.227	1.284		4.645	
Butylbenzylphthalate	0.525	0.589		12.19	
3,3-Dichlorobenzidine	0.380	0.407		7.105	
Benzo(a)anthracene	1.302	1.341		2.995	
Chrysene	1.194	1.129		-5.444	
Bis(2-ethylhexyl)phthalate	0.589	0.667		13.243	
Di-n-octyl phthalate	1.071	1.049		-2.054	20.0
Benzo(b)fluoranthene	1.218	1.185		-2.709	
Benzo(k)fluoranthene	1.051	1.034		-1.618	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG No.: BF102924

Instrument ID: BNA_F Calibration Date/Time: 10/29/2024 : 09:37

Lab File ID: BF140100.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	0.999		-0.299	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.323		2.797	
Dibenzo(a,h)anthracene	1.073	1.086		1.212	
Benzo(g,h,i)perylene	1.072	1.142		6.53	
1,2,4,5-Tetrachlorobenzene	0.540	0.549		1.667	
1,4-Dioxane	0.596	0.537		-9.899	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.316		2.265	
1-Methylnaphthalene	0.620	0.600		-3.226	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG No.: BF102924

Instrument ID: BNA_F Calibration Date/Time: 10/29/2024 : 16:01

Lab File ID: BF140113.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	0.724		-8.701	
Pyridine	1.476	1.367		-7.385	
2-Fluorophenol	1.278	1.205		-5.712	
Benzaldehyde	0.931	0.974		4.619	
Aniline	1.542	1.442		-6.485	
Phenol-d6	1.655	1.537		-7.13	
Phenol	1.706	1.605		-5.92	20.0
bis(2-Chloroethyl)ether	1.319	1.266		-4.018	
2-Chlorophenol	1.306	1.245		-4.671	
1,2-Dichlorobenzene	1.398	1.365		-2.361	
1,3-Dichlorobenzene	1.499	1.479		-1.334	
1,4-Dichlorobenzene	1.498	1.481		-1.135	20.0
Benzyl Alcohol	1.214	1.192		-1.812	
2-Methylphenol	1.114	1.067		-4.219	
2,2-oxybis(1-Chloropropane)	2.248	2.083		-7.34	
Acetophenone	0.490	0.470		-4.082	
3+4-Methylphenols	1.424	1.318		-7.444	
n-Nitroso-di-n-propylamine	1.004	0.946	0.050	-5.777	
Nitrobenzene-d5	0.361	0.383		6.094	
Hexachloroethane	0.534	0.545		2.06	
Nitrobenzene	0.396	0.402		1.515	
Isophorone	0.685	0.680		-0.73	
2-Nitrophenol	0.149	0.181		21.477	20.0
2,4-Dimethylphenol	0.249	0.233		-6.426	
bis(2-Chloroethoxy)methane	0.415	0.408		-1.687	
2,4-Dichlorophenol	0.283	0.282		-0.353	20.0
1,2,4-Trichlorobenzene	0.314	0.316		0.637	
Benzoic acid	0.217	0.232		6.912	
Naphthalene	1.031	1.010		-2.037	
4-Chloroaniline	0.352	0.329		-6.534	
Hexachlorobutadiene	0.197	0.207		5.076	20.0
Caprolactam	0.090	0.091		1.111	
4-Chloro-3-methylphenol	0.314	0.318		1.274	20.0
2-Methylnaphthalene	0.632	0.625		-1.108	
Hexachlorocyclopentadiene	0.188	0.190	0.050	1.064	
2,4,6-Trichlorophenol	0.382	0.377		-1.309	20.0
2-Fluorobiphenyl	1.210	1.189		-1.736	
2,4,5-Trichlorophenol	0.394	0.416		5.584	
1,1-Biphenyl	1.392	1.372		-1.437	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.121	1.104		-1.517	
2-Nitroaniline	0.343	0.381		11.079	
Dimethylphthalate	1.246	1.264		1.445	
Acenaphthylene	1.621	1.599		-1.357	
2,6-Dinitrotoluene	0.270	0.296		9.63	
3-Nitroaniline	0.278	0.292		5.036	
Acenaphthene	1.049	1.075		2.479	20.0
2,4-Dinitrophenol	0.093	0.159	0.050	70.968	
4-Nitrophenol	0.214	0.221	0.050	3.271	
Dibenzofuran	1.505	1.480		-1.661	
2,4-Dinitrotoluene	0.332	0.389		17.169	
Diethylphthalate	1.223	1.260		3.025	
4-Chlorophenyl-phenylether	0.579	0.591		2.073	
Fluorene	1.146	1.142		-0.349	
4-Nitroaniline	0.263	0.285		8.365	
4,6-Dinitro-2-methylphenol	0.082	0.125		52.439	
n-Nitrosodiphenylamine	0.599	0.594		-0.835	20.0
Azobenzene	1.297	1.268		-2.236	
2,4,6-Tribromophenol	0.187	0.205		9.626	
4-Bromophenyl-phenylether	0.206	0.220		6.796	
Hexachlorobenzene	0.232	0.242		4.31	
Atrazine	0.162	0.161		-0.617	
Pentachlorophenol	0.141	0.155		9.929	20.0
Phenanthrene	0.945	0.912		-3.492	
Anthracene	0.922	0.902		-2.169	
Carbazole	0.857	0.799		-6.768	
Di-n-butylphthalate	0.990	1.023		3.333	
Fluoranthene	0.955	0.899		-5.864	20.0
Benzidine	0.329	0.529		60.79	
Pyrene	1.751	1.679		-4.112	
Terphenyl-d14	1.227	1.209		-1.467	
Butylbenzylphthalate	0.525	0.610		16.19	
3,3-Dichlorobenzidine	0.380	0.442		16.316	
Benzo(a)anthracene	1.302	1.290		-0.922	
Chrysene	1.194	1.183		-0.921	
Bis(2-ethylhexyl)phthalate	0.589	0.782		32.767	
Di-n-octyl phthalate	1.071	1.324		23.623	20.0
Benzo(b)fluoranthene	1.218	1.164		-4.433	
Benzo(k)fluoranthene	1.051	1.021		-2.854	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_F Calibration Date/Time: 10/29/2024 : 16:01

Lab File ID: BF140113.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	0.991		-1.098	20.0
Indeno(1,2,3-cd)pyrene	1.287	1.296		0.699	
Dibenzo(a,h)anthracene	1.073	1.071		-0.186	
Benzo(g,h,i)perylene	1.072	1.091		1.772	
1,2,4,5-Tetrachlorobenzene	0.540	0.552		2.222	
1,4-Dioxane	0.596	0.528		-11.409	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.322		4.207	
1-Methylnaphthalene	0.620	0.608		-1.935	

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.: BF102924 SAS No.: BF102924 SDG No.: BF102924

Instrument ID: BNA_F Calibration Date/Time: 10/30/2024 : 01:11

Lab File ID: BF140133.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	0.745		-6.053	
Pyridine	1.476	1.362		-7.724	
2-Fluorophenol	1.278	1.208		-5.477	
Benzaldehyde	0.931	1.026		10.204	
Aniline	1.542	1.429		-7.328	
Phenol-d6	1.655	1.570		-5.136	
Phenol	1.706	1.650		-3.283	20.0
bis(2-Chloroethyl) ether	1.319	1.290		-2.199	
2-Chlorophenol	1.306	1.249		-4.364	
1,2-Dichlorobenzene	1.398	1.362		-2.575	
1,3-Dichlorobenzene	1.499	1.474		-1.668	
1,4-Dichlorobenzene	1.498	1.483		-1.001	20.0
Benzyl Alcohol	1.214	1.205		-0.741	
2-Methylphenol	1.114	1.079		-3.142	
2,2-oxybis(1-Chloropropane)	2.248	2.195		-2.358	
Acetophenone	0.490	0.476		-2.857	
3+4-Methylphenols	1.424	1.344		-5.618	
n-Nitroso-di-n-propylamine	1.004	0.981	0.050	-2.291	
Nitrobenzene-d5	0.361	0.385		6.648	
Hexachloroethane	0.534	0.538		0.749	
Nitrobenzene	0.396	0.406		2.525	
Isophorone	0.685	0.688		0.438	
2-Nitrophenol	0.149	0.171		14.765	20.0
2,4-Dimethylphenol	0.249	0.227		-8.835	
bis(2-Chloroethoxy) methane	0.415	0.418		0.723	
2,4-Dichlorophenol	0.283	0.275		-2.827	20.0
1,2,4-Trichlorobenzene	0.314	0.317		0.955	
Benzoic acid	0.217	0.120		-44.7	
Naphthalene	1.031	1.004		-2.619	
4-Chloroaniline	0.352	0.328		-6.818	
Hexachlorobutadiene	0.197	0.208		5.584	20.0
Caprolactam	0.090	0.077		-14.444	
4-Chloro-3-methylphenol	0.314	0.298		-5.096	20.0
2-Methylnaphthalene	0.632	0.617		-2.373	
Hexachlorocyclopentadiene	0.188	0.101	0.050	-46.277	
2,4,6-Trichlorophenol	0.382	0.373		-2.356	20.0
2-Fluorobiphenyl	1.210	1.250		3.306	
2,4,5-Trichlorophenol	0.394	0.358		-9.137	
1,1-Biphenyl	1.392	1.427		2.514	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.121	1.145		2.141	
2-Nitroaniline	0.343	0.381		11.079	
Dimethylphthalate	1.246	1.306		4.815	
Acenaphthylene	1.621	1.576		-2.776	
2,6-Dinitrotoluene	0.270	0.293		8.519	
3-Nitroaniline	0.278	0.273		-1.799	
Acenaphthene	1.049	0.981		-6.482	20.0
2,4-Dinitrophenol	0.093	0.016	0.050	-82.796	
4-Nitrophenol	0.214	0.159	0.050	-25.701	
Dibenzofuran	1.505	1.451		-3.588	
2,4-Dinitrotoluene	0.332	0.364		9.639	
Diethylphthalate	1.223	1.274		4.17	
4-Chlorophenyl-phenylether	0.579	0.581		0.345	
Fluorene	1.146	1.076		-6.108	
4-Nitroaniline	0.263	0.243		-7.605	
4,6-Dinitro-2-methylphenol	0.082	0.024		-70.732	
n-Nitrosodiphenylamine	0.599	0.665		11.018	20.0
Azobenzene	1.297	1.218		-6.091	
2,4,6-Tribromophenol	0.187	0.155		-17.112	
4-Bromophenyl-phenylether	0.206	0.237		15.049	
Hexachlorobenzene	0.232	0.244		5.172	
Atrazine	0.162	0.172		6.173	
Pentachlorophenol	0.141	0.112		-20.567	20.0
Phenanthrene	0.945	0.913		-3.386	
Anthracene	0.922	0.890		-3.471	
Carbazole	0.857	0.779		-9.102	
Di-n-butylphthalate	0.990	1.100		11.111	
Fluoranthene	0.955	0.883		-7.539	20.0
Benzidine	0.329	0.266		-19.149	
Pyrene	1.751	1.328		-24.158	
Terphenyl-d14	1.227	0.970		-20.945	
Butylbenzylphthalate	0.525	0.557		6.095	
3,3-Dichlorobenzidine	0.380	0.401		5.526	
Benzo(a)anthracene	1.302	1.272		-2.304	
Chrysene	1.194	1.221		2.261	
Bis(2-ethylhexyl)phthalate	0.589	0.789		33.956	
Di-n-octyl phthalate	1.071	1.442		34.641	20.0
Benzo(b)fluoranthene	1.218	1.410		15.764	
Benzo(k)fluoranthene	1.051	1.054		0.285	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG No.: BF102924

Instrument ID: BNA_F Calibration Date/Time: 10/30/2024 : 01:11

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.002	1.011		0.898	20.0
Indeno(1,2,3-cd)pyrene	1.287	0.973		-24.398	
Dibenzo(a,h)anthracene	1.073	0.807		-24.79	
Benzo(g,h,i)perylene	1.072	0.780		-27.239	
1,2,4,5-Tetrachlorobenzene	0.540	0.574		6.296	
1,4-Dioxane	0.596	0.543		-8.893	20.0
2,3,4,6-Tetrachlorophenol	0.309	0.243		-21.359	
1-Methylnaphthalene	0.620	0.596		-3.871	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BL	SDG No.:	BF102924
Lab Sample ID:	PB164461BL	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
BF140101.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BL	SDG No.:	BF102924
Lab Sample ID:	PB164461BL	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
BF140101.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BL	SDG No.:	BF102924
Lab Sample ID:	PB164461BL	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
BF140101.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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	118.939		18-112		79	SPK: -150
13127-88-3	Phenol-d6	115.917		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	89.653		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	86.032		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BL	SDG No.:	BF102924
Lab Sample ID:	PB164461BL	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
BF140101.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.09		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	81.652		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132334	6.887				
1146-65-2	Naphthalene-d8	522078	8.169				
15067-26-2	Acenaphthene-d10	293840	9.922				
1517-22-2	Phenanthrene-d10	532374	11.41				
1719-03-5	Chrysene-d12	353787	14.045				
1520-96-3	Perylene-d12	265432	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	91	J			2.257	
000111-06-8	Hexadecanoic acid, butyl ester	89.6	J			12.816	

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BS	SDG No.:	BF102924
Lab Sample ID:	PB164461BS	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
BF140102.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	420		180	270	330	ug/Kg
62-53-3	Aniline	1300		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	550		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BS	SDG No.:	BF102924
Lab Sample ID:	PB164461BS	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
BF140102.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	960		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25000		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BS	SDG No.:	BF102924
Lab Sample ID:	PB164461BS	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
BF140102.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	1400		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.073		18-112		81	SPK: -150
13127-88-3	Phenol-d6	119.434		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	92.111		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.582		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	PB164461BS	SDG No.:	BF102924
Lab Sample ID:	PB164461BS	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
BF140102.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.128		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	100.457		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127430	6.887				
1146-65-2	Naphthalene-d8	500801	8.169				
15067-26-2	Acenaphthene-d10	278385	9.928				
1517-22-2	Phenanthrene-d10	513541	11.416				
1719-03-5	Chrysene-d12	266065	14.051				
1520-96-3	Perylene-d12	256361	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:	PT-TRIAZINE-SOIL	SDG No.:	BF102924
Lab Sample ID:	P4495-12	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
BF140103.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164401

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:	PT-TRIAZINE-SOIL	SDG No.:	BF102924
Lab Sample ID:	P4495-12	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
BF140103.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164401

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	500		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:	PT-TRIAZINE-SOIL	SDG No.:	BF102924
Lab Sample ID:	P4495-12	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
BF140103.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164401

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	84.407		18-112		56	SPK: -150
13127-88-3	Phenol-d6	85.9		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	66.545		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	66.621		20-109		67	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:	PT-TRIAZINE-SOIL	SDG No.:	BF102924
Lab Sample ID:	P4495-12	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
BF140103.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.79		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	81.546		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114288	6.887				
1146-65-2	Naphthalene-d8	452815	8.169				
15067-26-2	Acenaphthene-d10	254415	9.922				
1517-22-2	Phenanthrene-d10	445374	11.41				
1719-03-5	Chrysene-d12	216948	14.045				
1520-96-3	Perylene-d12	229298	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.187	
074663-85-7	Cyclopropane, nonyl-	81.3	J			8.098	
006765-39-5	1-Heptadecene	130	J			10.316	
000119-61-9	Benzophenone	750	J			10.639	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	130	J			10.945	
001610-18-0	Prometon	610	J			11.033	
074685-29-3	9-Eicosene, (E)-	85.3	J			11.245	
000057-10-3	n-Hexadecanoic acid	210	J			11.933	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	70.6	J			12.433	
013601-88-2	1-Phenanthrenecarboxaldehyde, 1,2,	82.6	J			13.298	
000400-57-7	Heptafluorobutyric acid, n-octadec	200	J			13.898	
000638-66-4	Octadecanal	160	J			14.968	
000630-02-4	Octacosane	170	J			15.168	
002004-39-9	1-Heptacosanol	340	J			15.204	
007390-81-0	Oxirane, hexadecyl-	74.3	J			15.762	
000629-99-2	Pentacosane	300	J			16.004	
067860-04-2	Oxirane, heptadecyl-	76.9	J			16.821	
000112-95-8	Eicosane	120	J			17.133	
000083-47-6	.gamma.-Sitosterol	240	J			17.662	

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:	PT-TRIAZINE-SOIL	SDG No.:	BF102924
Lab Sample ID:	P4495-12	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
BF140103.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164401

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown18.686	97.9	J			18.686	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102924
Lab Sample ID:	P4561-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140104.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.6	U	60.6	190	230	ug/Kg
110-86-1	Pyridine	55.8	U	55.8	90.8	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.7	U	67.7	90.8	120	ug/Kg
108-95-2	Phenol	57.9	U	57.9	90.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.4	U	58.4	90.8	120	ug/Kg
95-57-8	2-Chlorophenol	58.3	U	58.3	90.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.1	U	59.1	90.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.1	U	60.1	90.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.4	U	60.4	90.8	120	ug/Kg
100-51-6	Benzyl Alcohol	58	U	58	190	230	ug/Kg
95-48-7	2-Methylphenol	56.3	U	56.3	90.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.5	U	63.5	90.8	120	ug/Kg
98-86-2	Acetophenone	60.7	U	60.7	90.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.7	U	55.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.9	55.9	ug/Kg
67-72-1	Hexachloroethane	58	U	58	90.8	120	ug/Kg
98-95-3	Nitrobenzene	63.4	U	63.4	90.8	120	ug/Kg
78-59-1	Isophorone	59.1	U	59.1	90.8	120	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	90.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.1	U	65.1	90.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.9	U	59.9	90.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.7	U	52.7	90.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.6	U	59.6	90.8	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.7	U	57.7	90.8	120	ug/Kg
106-47-8	4-Chloroaniline	57.7	U	57.7	90.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.2	U	58.2	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102924
Lab Sample ID:	P4561-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140104.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.6	U	60.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.1	U	54.1	90.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.6	U	57.6	90.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.9	U	49.9	90.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.7	U	51.7	90.8	120	ug/Kg
92-52-4	1,1-Biphenyl	61	U	61	90.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.2	U	58.2	90.8	120	ug/Kg
88-74-4	2-Nitroaniline	66.3	U	66.3	90.8	120	ug/Kg
131-11-3	Dimethylphthalate	57.1	U	57.1	90.8	120	ug/Kg
208-96-8	Acenaphthylene	60.4	U	60.4	90.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.1	U	58.1	90.8	120	ug/Kg
99-09-2	3-Nitroaniline	62.3	U	62.3	90.8	120	ug/Kg
83-32-9	Acenaphthene	56.6	U	56.6	90.8	120	ug/Kg
Total PAH	Total PAH	925.3	U	925.3	90.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81	U	81	190	230	ug/Kg
132-64-9	Dibenzofuran	58.9	U	58.9	90.8	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.2	U	60.2	90.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.3	U	118.3	90.8	240	ug/Kg
84-66-2	Diethylphthalate	55.9	U	55.9	90.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.8	U	59.8	90.8	120	ug/Kg
86-73-7	Fluorene	59.7	U	59.7	90.8	120	ug/Kg
100-01-6	4-Nitroaniline	74.7	U	74.7	90.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.7	U	81.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57	U	57	90.8	120	ug/Kg
103-33-3	Azobenzene	55.6	U	55.6	90.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.1	U	55.1	90.8	120	ug/Kg
118-74-1	Hexachlorobenzene	59.4	U	59.4	90.8	120	ug/Kg
1912-24-9	Atrazine	63.8	U	63.8	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102924
Lab Sample ID:	P4561-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140104.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54	U	54	190	230	ug/Kg
85-01-8	Phenanthrene	58.7	U	58.7	90.8	120	ug/Kg
120-12-7	Anthracene	58.9	U	58.9	90.8	120	ug/Kg
86-74-8	Carbazole	56.1	U	56.1	90.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.9	U	58.9	90.8	120	ug/Kg
206-44-0	Fluoranthene	57.1	U	57.1	90.8	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58	U	58	90.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.6	U	67.6	90.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.9	U	68.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.4	U	56.4	90.8	120	ug/Kg
218-01-9	Chrysene	55.5	U	55.5	90.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.5	U	63.5	90.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.8	U	76.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.6	U	56.6	90.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.7	U	57.7	90.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.9	U	64.9	90.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.5	U	54.5	90.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.7	U	56.7	90.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.9	U	55.9	90.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.6	U	60.6	90.8	120	ug/Kg
123-91-1	1,4-Dioxane	76.8	U	76.8	90.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.2	U	52.2	90.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.1	U	58.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.127		18-112		61	SPK: -150
13127-88-3	Phenol-d6	92.553		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	69.31		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	69.123		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18	SDG No.:	BF102924
Lab Sample ID:	P4561-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140104.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.242		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	67.369		10-105		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120255	6.886				
1146-65-2	Naphthalene-d8	471606	8.169				
15067-26-2	Acenaphthene-d10	261580	9.922				
1517-22-2	Phenanthrene-d10	439763	11.41				
1719-03-5	Chrysene-d12	220037	14.045				
1520-96-3	Perylene-d12	267262	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.193	
001119-40-0	Pentanedioic acid, dimethyl ester	50.5	J			7.698	
013798-23-7	Hexathiane	52.4	J			10.245	
000119-61-9	Benzophenone	310	J			10.633	
000057-10-3	n-Hexadecanoic acid	370	J			11.933	
000593-49-7	Heptacosane	130	J			12.022	
000057-11-4	Octadecanoic acid	81.7	J			12.716	
000630-02-4	Octacosane	270	J			12.851	
000646-31-1	Tetracosane	260	J			13.486	
1000351-74-9	Octacosyl trifluoroacetate	130	J			13.892	
000630-01-3	Hexacosane	230	J			14.474	
003322-62-1	9-Octadecenamide	63.8	J			14.81	
007098-22-8	Tetratetracontane	140	J			14.91	
000112-95-8	Eicosane	130	J			15.404	
000630-04-6	Hentriacontane	71.5	J			15.957	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	52.1	J			16.604	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MS	SDG No.:	BF102924
Lab Sample ID:	P4561-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140105.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		60.6	190	230	ug/Kg
110-86-1	Pyridine	930		55.8	90.8	120	ug/Kg
100-52-7	Benzaldehyde	290		130	190	230	ug/Kg
62-53-3	Aniline	730		67.7	90.8	120	ug/Kg
108-95-2	Phenol	1100		57.9	90.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		58.5	90.8	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.3	90.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		59.1	90.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		60.1	90.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		60.4	90.8	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		58	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		56.3	90.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		63.5	90.8	120	ug/Kg
98-86-2	Acetophenone	1000		60.7	90.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		28.1	55.9	55.9	ug/Kg
67-72-1	Hexachloroethane	1100		58	90.8	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.4	90.8	120	ug/Kg
78-59-1	Isophorone	1100		59.1	90.8	120	ug/Kg
88-75-5	2-Nitrophenol	1300		66	90.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		65.1	90.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59.9	90.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.7	90.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		59.6	90.8	120	ug/Kg
65-85-0	Benzoic acid	1100		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.7	90.8	120	ug/Kg
106-47-8	4-Chloroaniline	280		57.7	90.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58.2	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MS	SDG No.:	BF102924
Lab Sample ID:	P4561-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140105.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		60.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54.1	90.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		57.6	90.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.9	90.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.7	90.8	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		61	90.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58.2	90.8	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66.4	90.8	120	ug/Kg
131-11-3	Dimethylphthalate	1100		57.1	90.8	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.4	90.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		58.1	90.8	120	ug/Kg
99-09-2	3-Nitroaniline	600		62.3	90.8	120	ug/Kg
83-32-9	Acenaphthene	1200		56.6	90.8	120	ug/Kg
Total PAH	Total PAH	16860		925.5	90.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	81	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		59	90.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		118.3	90.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		60.2	90.8	120	ug/Kg
84-66-2	Diethylphthalate	1100		55.9	90.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.8	90.8	120	ug/Kg
86-73-7	Fluorene	1100		59.7	90.8	120	ug/Kg
100-01-6	4-Nitroaniline	1100		74.7	90.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		81.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		57	90.8	120	ug/Kg
103-33-3	Azobenzene	1200		55.6	90.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		55.1	90.8	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.4	90.8	120	ug/Kg
1912-24-9	Atrazine	1300		63.8	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MS	SDG No.:	BF102924
Lab Sample ID:	P4561-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140105.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	54	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58.7	90.8	120	ug/Kg
120-12-7	Anthracene	1100		59	90.8	120	ug/Kg
86-74-8	Carbazole	1000		56.1	90.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		58.9	90.8	120	ug/Kg
206-44-0	Fluoranthene	940		57.1	90.8	120	ug/Kg
92-87-5	Benzidine	1200		110	190	230	ug/Kg
129-00-0	Pyrene	1000		58	90.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		67.6	90.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	690		68.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.4	90.8	120	ug/Kg
218-01-9	Chrysene	1100		55.5	90.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		63.6	90.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		56.6	90.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.7	90.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		65	90.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990		54.5	90.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		56.7	90.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		55.9	90.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.6	90.8	120	ug/Kg
123-91-1	1,4-Dioxane	890		76.8	90.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		52.2	90.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		58.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.202		18-112		58	SPK: -150
13127-88-3	Phenol-d6	90.302		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	66.786		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	65.658		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MS	SDG No.:	BF102924
Lab Sample ID:	P4561-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140105.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.419		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	66.263		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119078	6.887				
1146-65-2	Naphthalene-d8	468695	8.169				
15067-26-2	Acenaphthene-d10	258838	9.928				
1517-22-2	Phenanthrene-d10	443678	11.416				
1719-03-5	Chrysene-d12	213800	14.051				
1520-96-3	Perylene-d12	269959	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MSD	SDG No.:	BF102924
Lab Sample ID:	P4561-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140106.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	920		60.7	190	230	ug/Kg
110-86-1	Pyridine	920		55.8	90.8	120	ug/Kg
100-52-7	Benzaldehyde	280		130	190	230	ug/Kg
62-53-3	Aniline	720		67.7	90.8	120	ug/Kg
108-95-2	Phenol	1100		57.9	90.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		58.5	90.8	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.3	90.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		59.1	90.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		60.1	90.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		60.4	90.8	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		58	190	230	ug/Kg
95-48-7	2-Methylphenol	1000		56.3	90.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		63.5	90.8	120	ug/Kg
98-86-2	Acetophenone	1000		60.7	90.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		28.2	55.9	55.9	ug/Kg
67-72-1	Hexachloroethane	1100		58	90.8	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.4	90.8	120	ug/Kg
78-59-1	Isophorone	1100		59.1	90.8	120	ug/Kg
88-75-5	2-Nitrophenol	1300		66	90.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		65.1	90.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		60	90.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.8	90.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		59.7	90.8	120	ug/Kg
65-85-0	Benzoic acid	1100		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.7	90.8	120	ug/Kg
106-47-8	4-Chloroaniline	270		57.7	90.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58.2	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MSD	SDG No.:	BF102924
Lab Sample ID:	P4561-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140106.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		60.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54.2	90.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		57.6	90.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3700	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.9	90.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.7	90.8	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		61.1	90.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58.2	90.8	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66.4	90.8	120	ug/Kg
131-11-3	Dimethylphthalate	1100		57.1	90.8	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.4	90.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		58.1	90.8	120	ug/Kg
99-09-2	3-Nitroaniline	590		62.3	90.8	120	ug/Kg
83-32-9	Acenaphthene	1200		56.7	90.8	120	ug/Kg
Total PAH	Total PAH	16780		926	90.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	81.1	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		59	90.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		118.3	90.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		60.2	90.8	120	ug/Kg
84-66-2	Diethylphthalate	1100		56	90.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.8	90.8	120	ug/Kg
86-73-7	Fluorene	1100		59.7	90.8	120	ug/Kg
100-01-6	4-Nitroaniline	1100		74.8	90.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		81.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		57	90.8	120	ug/Kg
103-33-3	Azobenzene	1200		55.6	90.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		55.1	90.8	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		59.4	90.8	120	ug/Kg
1912-24-9	Atrazine	1300		63.9	90.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MSD	SDG No.:	BF102924
Lab Sample ID:	P4561-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140106.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	54	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58.7	90.8	120	ug/Kg
120-12-7	Anthracene	1100		59	90.8	120	ug/Kg
86-74-8	Carbazole	1000		56.1	90.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		58.9	90.8	120	ug/Kg
206-44-0	Fluoranthene	930		57.1	90.8	120	ug/Kg
92-87-5	Benzidine	1200		110	190	230	ug/Kg
129-00-0	Pyrene	1000		58	90.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		67.6	90.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730		68.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.4	90.8	120	ug/Kg
218-01-9	Chrysene	1100		55.6	90.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		63.6	90.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		76.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		56.7	90.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.7	90.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		65	90.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		54.6	90.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		56.7	90.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	810		56	90.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.7	90.8	120	ug/Kg
123-91-1	1,4-Dioxane	860		76.9	90.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		52.2	90.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		58.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.394		18-112		56	SPK: -150
13127-88-3	Phenol-d6	87.071		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	66.639		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	64.768		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-18MSD	SDG No.:	BF102924
Lab Sample ID:	P4561-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.2
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
BF140106.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.233		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	64.72		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121800	6.892				
1146-65-2	Naphthalene-d8	465155	8.169				
15067-26-2	Acenaphthene-d10	256664	9.927				
1517-22-2	Phenanthrene-d10	439821	11.416				
1719-03-5	Chrysene-d12	211408	14.051				
1520-96-3	Perylene-d12	270997	15.527				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1	SDG No.:	BF102924
Lab Sample ID:	P4574-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140107.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1	SDG No.:	BF102924
Lab Sample ID:	P4574-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140107.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1	SDG No.:	BF102924
Lab Sample ID:	P4574-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140107.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	58.775		18-112		39	SPK: -150
13127-88-3	Phenol-d6	66.603		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	56.981		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	58.725		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-1	SDG No.:	BF102924
Lab Sample ID:	P4574-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140107.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.667		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	53.562		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120911	6.886				
1146-65-2	Naphthalene-d8	466864	8.169				
15067-26-2	Acenaphthene-d10	255534	9.922				
1517-22-2	Phenanthrene-d10	394541	11.41				
1719-03-5	Chrysene-d12	198199	14.057				
1520-96-3	Perylene-d12	254774	15.557				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-2	SDG No.:	BF102924
Lab Sample ID:	P4574-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140108.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-2	SDG No.:	BF102924
Lab Sample ID:	P4574-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140108.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.7	U	793.7	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-2	SDG No.:	BF102924
Lab Sample ID:	P4574-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140108.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.473		18-112		35	SPK: -150
13127-88-3	Phenol-d6	59.353		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	57.836		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	57.917		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-2	SDG No.:	BF102924
Lab Sample ID:	P4574-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140108.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	52.538		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	61.051		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119001	6.887				
1146-65-2	Naphthalene-d8	466279	8.169				
15067-26-2	Acenaphthene-d10	261725	9.922				
1517-22-2	Phenanthrene-d10	448014	11.41				
1719-03-5	Chrysene-d12	218815	14.057				
1520-96-3	Perylene-d12	264301	15.557				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-3	SDG No.:	BF102924
Lab Sample ID:	P4574-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	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
BF140109.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-3	SDG No.:	BF102924
Lab Sample ID:	P4574-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	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
BF140109.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-3	SDG No.:	BF102924
Lab Sample ID:	P4574-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	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
BF140109.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	44.851		18-112		30	SPK: -150
13127-88-3	Phenol-d6	49.979		15-107		33	SPK: -150
4165-60-0	Nitrobenzene-d5	45.502		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	47.548		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-3	SDG No.:	BF102924
Lab Sample ID:	P4574-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140109.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	48.186		10-116		32	SPK: -150
1718-51-0	Terphenyl-d14	49.878		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116741	6.887				
1146-65-2	Naphthalene-d8	458109	8.169				
15067-26-2	Acenaphthene-d10	254406	9.922				
1517-22-2	Phenanthrene-d10	440468	11.41				
1719-03-5	Chrysene-d12	213228	14.057				
1520-96-3	Perylene-d12	264291	15.562				

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102924
Lab Sample ID:	P4578-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
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
BF140110.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.3	U	97.3	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.1	U	98.1	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.1	U	97.1	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.1	U	49.1	97.4	97.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.9	U	91.9	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102924
Lab Sample ID:	P4578-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
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
BF140110.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.3	U	94.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.9	U	86.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.1	U	90.1	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.4	U	99.4	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.7	U	98.7	160	210	ug/Kg
Total PAH	Total PAH	1603.2	U	1603.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	97.5	U	97.5	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.3	U	99.3	160	210	ug/Kg
103-33-3	Azobenzene	96.9	U	96.9	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96	U	96	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102924
Lab Sample ID:	P4578-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
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
BF140110.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.1	U	94.1	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.7	U	97.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99.4	U	99.4	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.2	U	98.2	160	210	ug/Kg
218-01-9	Chrysene	96.8	U	96.8	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.7	U	98.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.1	U	95.1	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.8	U	98.8	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.5	U	97.5	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.9	U	90.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.916		18-112		60	SPK: -150
13127-88-3	Phenol-d6	88.822		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	66.162		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	66.103		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT	SDG No.:	BF102924
Lab Sample ID:	P4578-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
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
BF140110.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.352		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	70.904		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120686	6.887				
1146-65-2	Naphthalene-d8	473213	8.169				
15067-26-2	Acenaphthene-d10	267166	9.922				
1517-22-2	Phenanthrene-d10	461039	11.41				
1719-03-5	Chrysene-d12	224689	14.057				
1520-96-3	Perylene-d12	271519	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.199	
001119-40-0	Pentanedioic acid, dimethyl ester	83.2	J			7.698	
000119-61-9	Benzophenone	540	J			10.634	
000057-10-3	n-Hexadecanoic acid	340	J			11.934	
006385-15-5	Heptafluorobutyric acid, hexadecyl	240	J			13.898	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102924
Lab Sample ID:	P4578-07	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
BF140111.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102924
Lab Sample ID:	P4578-07	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
BF140111.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102924
Lab Sample ID:	P4578-07	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
BF140111.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

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	86.3	U	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	82.928		18-112		55	SPK: -150
13127-88-3	Phenol-d6	82.583		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	60.035		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	58.069		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-BOT-1	SDG No.:	BF102924
Lab Sample ID:	P4578-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
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
BF140111.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.84		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	67.911		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122139	6.887				
1146-65-2	Naphthalene-d8	478188	8.169				
15067-26-2	Acenaphthene-d10	267029	9.922				
1517-22-2	Phenanthrene-d10	461723	11.41				
1719-03-5	Chrysene-d12	225154	14.057				
1520-96-3	Perylene-d12	268509	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.193	
001119-40-0	Pentanedioic acid, dimethyl ester	78.2	J			7.698	
000119-61-9	Benzophenone	390	J			10.633	
000057-10-3	n-Hexadecanoic acid	280	J			11.933	
1000351-74-9	Octacosyl trifluoroacetate	220	J			13.898	

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BL	SDG No.:	BF102924
Lab Sample ID:	PB164497BL	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
BF140114.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BL	SDG No.:	BF102924
Lab Sample ID:	PB164497BL	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
BF140114.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BL	SDG No.:	BF102924
Lab Sample ID:	PB164497BL	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
BF140114.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

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	118.931		18-112		79	SPK: -150
13127-88-3	Phenol-d6	115.8		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	90.253		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	85.073		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BL	SDG No.:	BF102924
Lab Sample ID:	PB164497BL	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
BF140114.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.191		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	87.857		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131951	6.887				
1146-65-2	Naphthalene-d8	529341	8.169				
15067-26-2	Acenaphthene-d10	309747	9.922				
1517-22-2	Phenanthrene-d10	594247	11.41				
1719-03-5	Chrysene-d12	362694	14.063				
1520-96-3	Perylene-d12	299972	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.263	
000630-01-3	Hexacosane	86.6	J			14.239	

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BS	SDG No.:	BF102924
Lab Sample ID:	PB164497BS	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
BF140115.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	390		180	270	330	ug/Kg
62-53-3	Aniline	1200		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	540		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BS	SDG No.:	BF102924
Lab Sample ID:	PB164497BS	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
BF140115.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5500	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	870		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	24500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BS	SDG No.:	BF102924
Lab Sample ID:	PB164497BS	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
BF140115.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2900	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	2100		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.436		18-112		78	SPK: -150
13127-88-3	Phenol-d6	114.619		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	90.331		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.179		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164497BS	SDG No.:	BF102924
Lab Sample ID:	PB164497BS	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
BF140115.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.45		10-116		94	SPK: -150
1718-51-0	Terphenyl-d14	93.216		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134081	6.887				
1146-65-2	Naphthalene-d8	526800	8.169				
15067-26-2	Acenaphthene-d10	296679	9.928				
1517-22-2	Phenanthrene-d10	541600	11.416				
1719-03-5	Chrysene-d12	283467	14.068				
1520-96-3	Perylene-d12	279985	15.574				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140116.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.5	U	58.5	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.3	U	65.3	87.6	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.4	U	56.4	87.6	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57	U	57	87.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.3	U	58.3	87.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.9	U	55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	54.3	U	54.3	87.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.6	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	55.9	U	55.9	87.6	110	ug/Kg
98-95-3	Nitrobenzene	61.2	U	61.2	87.6	110	ug/Kg
78-59-1	Isophorone	57	U	57	87.6	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.8	U	62.8	87.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.8	U	57.8	87.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.6	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.1	U	56.1	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140116.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.5	U	58.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.2	U	52.2	87.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.6	U	55.6	87.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.1	U	48.1	87.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.9	U	58.9	87.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.1	U	56.1	87.6	110	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	87.6	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.6	110	ug/Kg
208-96-8	Acenaphthylene	58.3	U	58.3	87.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.6	110	ug/Kg
99-09-2	3-Nitroaniline	60.1	U	60.1	87.6	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.6	110	ug/Kg
Total PAH	Total PAH	892.9	U	892.9	87.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.2	U	78.2	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.2	U	114.2	87.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.1	U	58.1	87.6	110	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.6	110	ug/Kg
86-73-7	Fluorene	57.6	U	57.6	87.6	110	ug/Kg
100-01-6	4-Nitroaniline	72.1	U	72.1	87.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.8	U	78.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.6	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.6	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.6	110	ug/Kg
1912-24-9	Atrazine	61.6	U	61.6	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140116.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.6	U	56.6	87.6	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.6	110	ug/Kg
86-74-8	Carbazole	54.1	U	54.1	87.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.8	U	56.8	87.6	110	ug/Kg
206-44-0	Fluoranthene	55	U	55	87.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.9	U	55.9	87.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.2	U	65.2	87.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.4	U	66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	87.6	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	87.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.3	U	61.3	87.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.1	U	74.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.6	U	54.6	87.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.7	U	62.7	87.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.6	U	52.6	87.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.7	U	54.7	87.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	87.6	110	ug/Kg
123-91-1	1,4-Dioxane	74.1	U	74.1	87.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.971		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.972		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	68.813		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	65.514		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140116.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.547		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	69.7		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128284	6.887				
1146-65-2	Naphthalene-d8	516905	8.169				
15067-26-2	Acenaphthene-d10	297540	9.922				
1517-22-2	Phenanthrene-d10	534250	11.41				
1719-03-5	Chrysene-d12	284650	14.057				
1520-96-3	Perylene-d12	276233	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.204	
000119-61-9	Benzophenone	200	J			10.639	
000057-10-3	n-Hexadecanoic acid	220	J			11.933	
000057-11-4	Octadecanoic acid	48.7	J			12.721	
1000351-83-7	Tetracosyl heptafluorobutyrate	97	J			13.904	

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MS	SDG No.:	BF102924
Lab Sample ID:	P4594-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140117.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	950		58.4	180	220	ug/Kg
110-86-1	Pyridine	900		53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	270		120	180	220	ug/Kg
62-53-3	Aniline	840		65.2	87.5	110	ug/Kg
108-95-2	Phenol	1000		55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	1100		56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		57	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.3	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	980		58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	1000		53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.1	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	1000		55.9	87.5	110	ug/Kg
98-95-3	Nitrobenzene	1000		61.1	87.5	110	ug/Kg
78-59-1	Isophorone	1100		57	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	1200		63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		57.8	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980		57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	990		55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	370		55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		56.1	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MS	SDG No.:	BF102924
Lab Sample ID:	P4594-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140117.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.2	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.1	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	1000		58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		56.1	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	1200		64	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	1100		55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	1100		58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	620		60.1	87.5	110	ug/Kg
83-32-9	Acenaphthene	1200		54.6	87.5	110	ug/Kg
Total PAH	Total PAH	16930		892.1	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	78.1	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		56.8	87.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		58	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		114	87.5	220	ug/Kg
84-66-2	Diethylphthalate	1100		53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		57.6	87.5	110	ug/Kg
86-73-7	Fluorene	1000		57.6	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	1100		72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		78.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	1100		53.6	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	1300		61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MS	SDG No.:	BF102924
Lab Sample ID:	P4594-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140117.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	52	180	220	ug/Kg
85-01-8	Phenanthrene	1000		56.6	87.5	110	ug/Kg
120-12-7	Anthracene	1100		56.8	87.5	110	ug/Kg
86-74-8	Carbazole	980		54.1	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		56.8	87.5	110	ug/Kg
206-44-0	Fluoranthene	960		55	87.5	110	ug/Kg
92-87-5	Benzidine	1600		110	180	220	ug/Kg
129-00-0	Pyrene	1000		55.9	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		65.2	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	780		66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.3	87.5	110	ug/Kg
218-01-9	Chrysene	1100		53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		61.3	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		74.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		52.6	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		54.7	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	850		74.1	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	980		56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.277		18-112		60	SPK: -150
13127-88-3	Phenol-d6	92.265		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	68.348		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	65.69		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MS	SDG No.:	BF102924
Lab Sample ID:	P4594-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140117.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.925		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	68.582		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132457	6.886				
1146-65-2	Naphthalene-d8	527177	8.169				
15067-26-2	Acenaphthene-d10	297266	9.927				
1517-22-2	Phenanthrene-d10	510240	11.416				
1719-03-5	Chrysene-d12	257285	14.063				
1520-96-3	Perylene-d12	279776	15.568				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140118.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	860		58.4	180	220	ug/Kg
110-86-1	Pyridine	810		53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	250		120	180	220	ug/Kg
62-53-3	Aniline	790		65.2	87.5	110	ug/Kg
108-95-2	Phenol	950		55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	950		56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	940		56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	900		57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	990		55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	960		54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940		61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	910		58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	920		53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	930		55.9	87.5	110	ug/Kg
98-95-3	Nitrobenzene	930		61.1	87.5	110	ug/Kg
78-59-1	Isophorone	980		56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	1100		63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	960		50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	900		57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	940		160	180	220	ug/Kg
91-20-3	Naphthalene	920		55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	350		55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	950		56.1	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140118.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	990		58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		52.2	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	950		55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	990		48	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	950		58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	930		56.1	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	1100		63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	1000		55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	1000		58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	600		60	87.5	110	ug/Kg
83-32-9	Acenaphthene	1100		54.6	87.5	110	ug/Kg
Total PAH	Total PAH	15660		891.8	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2000	E	78.1	180	220	ug/Kg
132-64-9	Dibenzofuran	950		56.8	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		114	87.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58	87.5	110	ug/Kg
84-66-2	Diethylphthalate	1000		53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	960		57.6	87.5	110	ug/Kg
86-73-7	Fluorene	960		57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	990		72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	1100		53.6	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	980		57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	1200		61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140118.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	52	180	220	ug/Kg
85-01-8	Phenanthrene	960		56.5	87.5	110	ug/Kg
120-12-7	Anthracene	1000		56.8	87.5	110	ug/Kg
86-74-8	Carbazole	900		54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	880		55	87.5	110	ug/Kg
92-87-5	Benzidine	1500		110	180	220	ug/Kg
129-00-0	Pyrene	940		55.9	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	1200		65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740		66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	990		54.3	87.5	110	ug/Kg
218-01-9	Chrysene	990		53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.6	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	990		54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900		53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	780		74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	900		56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.044		18-112		55	SPK: -150
13127-88-3	Phenol-d6	83.733		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	62.836		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	61.24		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140118.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.262		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	61.716		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136471	6.886				
1146-65-2	Naphthalene-d8	534539	8.169				
15067-26-2	Acenaphthene-d10	298449	9.927				
1517-22-2	Phenanthrene-d10	515265	11.416				
1719-03-5	Chrysene-d12	259907	14.062				
1520-96-3	Perylene-d12	284229	15.574				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-1	SDG No.:	BF102924
Lab Sample ID:	P4597-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140119.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.9	U	60.9	190	230	ug/Kg
110-86-1	Pyridine	56	U	56	91.2	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68	U	68	91.2	120	ug/Kg
108-95-2	Phenol	58.2	U	58.2	91.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.7	U	58.7	91.2	120	ug/Kg
95-57-8	2-Chlorophenol	58.6	U	58.6	91.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.3	U	59.3	91.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.3	U	60.3	91.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.7	U	60.7	91.2	120	ug/Kg
100-51-6	Benzyl Alcohol	58.2	U	58.2	190	230	ug/Kg
95-48-7	2-Methylphenol	56.5	U	56.5	91.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.8	U	63.8	91.2	120	ug/Kg
98-86-2	Acetophenone	61	U	61	91.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	56	U	56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.3	U	28.3	56.1	56.1	ug/Kg
67-72-1	Hexachloroethane	58.2	U	58.2	91.2	120	ug/Kg
98-95-3	Nitrobenzene	63.7	U	63.7	91.2	120	ug/Kg
78-59-1	Isophorone	59.3	U	59.3	91.2	120	ug/Kg
88-75-5	2-Nitrophenol	66.3	U	66.3	91.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.4	U	65.4	91.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.2	U	60.2	91.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	91.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.9	U	59.9	91.2	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.9	U	57.9	91.2	120	ug/Kg
106-47-8	4-Chloroaniline	57.9	U	57.9	91.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.4	U	58.4	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-1	SDG No.:	BF102924
Lab Sample ID:	P4597-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140119.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.9	U	60.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.4	U	54.4	91.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.9	U	57.9	91.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.1	U	50.1	91.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.9	U	51.9	91.2	120	ug/Kg
92-52-4	1,1-Biphenyl	61.3	U	61.3	91.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.4	U	58.4	91.2	120	ug/Kg
88-74-4	2-Nitroaniline	66.6	U	66.6	91.2	120	ug/Kg
131-11-3	Dimethylphthalate	57.3	U	57.3	91.2	120	ug/Kg
208-96-8	Acenaphthylene	60.7	U	60.7	91.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.4	U	58.4	91.2	120	ug/Kg
99-09-2	3-Nitroaniline	62.6	U	62.6	91.2	120	ug/Kg
83-32-9	Acenaphthene	56.9	U	56.9	91.2	120	ug/Kg
Total PAH	Total PAH	929.5	U	929.5	91.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.4	U	81.4	190	230	ug/Kg
132-64-9	Dibenzofuran	59.2	U	59.2	91.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.9	U	118.9	91.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.5	U	60.5	91.2	120	ug/Kg
84-66-2	Diethylphthalate	56.2	U	56.2	91.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	91.2	120	ug/Kg
86-73-7	Fluorene	60	U	60	91.2	120	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	91.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.1	U	82.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.2	U	57.2	91.2	120	ug/Kg
103-33-3	Azobenzene	55.8	U	55.8	91.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.3	U	55.3	91.2	120	ug/Kg
118-74-1	Hexachlorobenzene	59.6	U	59.6	91.2	120	ug/Kg
1912-24-9	Atrazine	64.1	U	64.1	91.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-1	SDG No.:	BF102924
Lab Sample ID:	P4597-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140119.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.2	U	54.2	190	230	ug/Kg
85-01-8	Phenanthrene	58.9	U	58.9	91.2	120	ug/Kg
120-12-7	Anthracene	59.2	U	59.2	91.2	120	ug/Kg
86-74-8	Carbazole	56.3	U	56.3	91.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.1	U	59.1	91.2	120	ug/Kg
206-44-0	Fluoranthene	84	J	57.3	91.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	71.2	J	58.2	91.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.9	U	67.9	91.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.2	U	69.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.6	U	56.6	91.2	120	ug/Kg
218-01-9	Chrysene	55.8	U	55.8	91.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.8	U	63.8	91.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.2	U	77.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.9	U	56.9	91.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	U	57.9	91.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.2	U	65.2	91.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.8	U	54.8	91.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	91.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.2	U	56.2	91.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.9	U	60.9	91.2	120	ug/Kg
123-91-1	1,4-Dioxane	77.2	U	77.2	91.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.4	U	52.4	91.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.4	U	58.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.904		18-112		51	SPK: -150
13127-88-3	Phenol-d6	77.167		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	59.47		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	57.632		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-1	SDG No.:	BF102924
Lab Sample ID:	P4597-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140119.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.733		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	57.903		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129583	6.887				
1146-65-2	Naphthalene-d8	523406	8.169				
15067-26-2	Acenaphthene-d10	298630	9.922				
1517-22-2	Phenanthrene-d10	522278	11.41				
1719-03-5	Chrysene-d12	261589	14.063				
1520-96-3	Perylene-d12	276912	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.116	
000119-61-9	Benzophenone	250	J			10.634	
000057-10-3	n-Hexadecanoic acid	110	J			11.934	
1000351-75-1	Tricosyl trifluoroacetate	91.7	J			13.904	

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F15	SDG No.:	BF102924
Lab Sample ID:	P4594-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140120.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.7	U	53.7	87.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.4	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.4	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.8	U	57.8	87.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.4	110	ug/Kg
100-51-6	Benzyl Alcohol	55.8	U	55.8	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.1	U	61.1	87.4	110	ug/Kg
98-86-2	Acetophenone	58.4	U	58.4	87.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.8	U	55.8	87.4	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.4	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.4	110	ug/Kg
88-75-5	2-Nitrophenol	63.5	U	63.5	87.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.4	U	57.4	87.4	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.4	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	87.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F15	SDG No.:	BF102924
Lab Sample ID:	P4594-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140120.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.4	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	87.4	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.4	110	ug/Kg
131-11-3	Dimethylphthalate	54.9	U	54.9	87.4	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.4	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.4	110	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	87.4	110	ug/Kg
Total PAH	Total PAH	890.6	U	890.6	87.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.8	U	113.8	87.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.4	110	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.4	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.4	110	ug/Kg
100-01-6	4-Nitroaniline	71.9	U	71.9	87.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.4	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.4	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.4	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F15	SDG No.:	BF102924
Lab Sample ID:	P4594-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140120.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	56.5	U	56.5	87.4	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.4	110	ug/Kg
86-74-8	Carbazole	54	U	54	87.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.4	110	ug/Kg
206-44-0	Fluoranthene	54.9	U	54.9	87.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.8	U	55.8	87.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.3	U	66.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.3	U	54.3	87.4	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.9	U	73.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.5	U	54.5	87.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.5	U	55.5	87.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.5	U	62.5	87.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.5	U	52.5	87.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.4	110	ug/Kg
123-91-1	1,4-Dioxane	73.9	U	73.9	87.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.72		18-112		46	SPK: -150
13127-88-3	Phenol-d6	69.466		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	50.96		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	48.301		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F15	SDG No.:	BF102924
Lab Sample ID:	P4594-17	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
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
BF140120.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.926		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	49.313		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127733	6.887				
1146-65-2	Naphthalene-d8	507290	8.169				
15067-26-2	Acenaphthene-d10	292876	9.922				
1517-22-2	Phenanthrene-d10	523762	11.41				
1719-03-5	Chrysene-d12	267281	14.057				
1520-96-3	Perylene-d12	274638	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	780	J			2.199	
000119-61-9	Benzophenone	79.5	J			10.633	
000057-10-3	n-Hexadecanoic acid	170	J			11.933	
1000406-04-8	Pentadecafluorooctanoic acid, octa	85.2	J			13.904	
000301-02-0	9-Octadecenamide, (Z)-	48.2	J			14.839	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F11	SDG No.:	BF102924
Lab Sample ID:	P4598-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF140121.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.9	U	57.9	180	220	ug/Kg
110-86-1	Pyridine	53.3	U	53.3	86.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.7	U	64.7	86.8	110	ug/Kg
108-95-2	Phenol	55.3	U	55.3	86.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.9	U	55.9	86.8	110	ug/Kg
95-57-8	2-Chlorophenol	55.7	U	55.7	86.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.5	U	56.5	86.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.4	U	57.4	86.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	86.8	110	ug/Kg
100-51-6	Benzyl Alcohol	55.4	U	55.4	180	220	ug/Kg
95-48-7	2-Methylphenol	53.8	U	53.8	86.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.7	U	60.7	86.8	110	ug/Kg
98-86-2	Acetophenone	58	U	58	86.8	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	53.4	53.4	ug/Kg
67-72-1	Hexachloroethane	55.4	U	55.4	86.8	110	ug/Kg
98-95-3	Nitrobenzene	60.6	U	60.6	86.8	110	ug/Kg
78-59-1	Isophorone	56.5	U	56.5	86.8	110	ug/Kg
88-75-5	2-Nitrophenol	63.1	U	63.1	86.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.2	U	62.2	86.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.3	U	57.3	86.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.4	U	50.4	86.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57	U	57	86.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.1	U	55.1	86.8	110	ug/Kg
106-47-8	4-Chloroaniline	55.1	U	55.1	86.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.6	U	55.6	86.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F11	SDG No.:	BF102924
Lab Sample ID:	P4598-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF140121.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.9	U	57.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.7	U	51.7	86.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.1	U	55.1	86.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.6	U	47.6	86.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.4	U	49.4	86.8	110	ug/Kg
92-52-4	1,1-Biphenyl	58.3	U	58.3	86.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.6	U	55.6	86.8	110	ug/Kg
88-74-4	2-Nitroaniline	63.4	U	63.4	86.8	110	ug/Kg
131-11-3	Dimethylphthalate	54.5	U	54.5	86.8	110	ug/Kg
208-96-8	Acenaphthylene	57.7	U	57.7	86.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.5	U	55.5	86.8	110	ug/Kg
99-09-2	3-Nitroaniline	59.5	U	59.5	86.8	110	ug/Kg
83-32-9	Acenaphthene	54.1	U	54.1	86.8	110	ug/Kg
Total PAH	Total PAH	884.4	U	884.4	86.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.4	U	77.4	180	220	ug/Kg
132-64-9	Dibenzofuran	56.3	U	56.3	86.8	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	86.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113	U	113	86.8	220	ug/Kg
84-66-2	Diethylphthalate	53.5	U	53.5	86.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.1	U	57.1	86.8	110	ug/Kg
86-73-7	Fluorene	57.1	U	57.1	86.8	110	ug/Kg
100-01-6	4-Nitroaniline	71.4	U	71.4	86.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.1	U	78.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.5	U	54.5	86.8	110	ug/Kg
103-33-3	Azobenzene	53.1	U	53.1	86.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.7	U	52.7	86.8	110	ug/Kg
118-74-1	Hexachlorobenzene	56.7	U	56.7	86.8	110	ug/Kg
1912-24-9	Atrazine	61	U	61	86.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F11	SDG No.:	BF102924
Lab Sample ID:	P4598-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF140121.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.6	U	51.6	180	220	ug/Kg
85-01-8	Phenanthrene	56.1	U	56.1	86.8	110	ug/Kg
120-12-7	Anthracene	56.3	U	56.3	86.8	110	ug/Kg
86-74-8	Carbazole	53.6	U	53.6	86.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.3	U	56.3	86.8	110	ug/Kg
206-44-0	Fluoranthene	54.5	U	54.5	86.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.4	U	55.4	86.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.6	U	64.6	86.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.8	U	65.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.9	U	53.9	86.8	110	ug/Kg
218-01-9	Chrysene	53.1	U	53.1	86.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.7	U	60.7	86.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.4	U	73.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.1	U	54.1	86.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.1	U	55.1	86.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.1	U	62.1	86.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.1	U	52.1	86.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.2	U	54.2	86.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.5	U	53.5	86.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.9	U	57.9	86.8	110	ug/Kg
123-91-1	1,4-Dioxane	73.4	U	73.4	86.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.9	U	49.9	86.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.5	U	55.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.874		18-112		53	SPK: -150
13127-88-3	Phenol-d6	77.805		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	60.462		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	59.737		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F11	SDG No.:	BF102924
Lab Sample ID:	P4598-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
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
BF140121.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.247		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	57.192		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129174	6.887				
1146-65-2	Naphthalene-d8	516877	8.169				
15067-26-2	Acenaphthene-d10	290268	9.922				
1517-22-2	Phenanthrene-d10	491714	11.41				
1719-03-5	Chrysene-d12	252944	14.057				
1520-96-3	Perylene-d12	281407	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			2.21	
000141-79-7	3-Penten-2-one, 4-methyl-	340	A			4.51	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.116	
000119-61-9	Benzophenone	220	J			10.634	
000057-10-3	n-Hexadecanoic acid	170	J			11.933	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	95.4	J			13.904	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102924
Lab Sample ID:	P4567-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140122.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.6	U	56.6	180	220	ug/Kg
110-86-1	Pyridine	52.1	U	52.1	84.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.2	U	63.2	84.8	110	ug/Kg
108-95-2	Phenol	54.1	U	54.1	84.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.6	U	54.6	84.8	110	ug/Kg
95-57-8	2-Chlorophenol	54.5	U	54.5	84.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.2	U	55.2	84.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.1	U	56.1	84.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.4	U	56.4	84.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.1	U	54.1	180	220	ug/Kg
95-48-7	2-Methylphenol	52.6	U	52.6	84.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.3	U	59.3	84.8	110	ug/Kg
98-86-2	Acetophenone	56.7	U	56.7	84.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.1	U	52.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.3	U	26.3	52.2	52.2	ug/Kg
67-72-1	Hexachloroethane	54.1	U	54.1	84.8	110	ug/Kg
98-95-3	Nitrobenzene	59.2	U	59.2	84.8	110	ug/Kg
78-59-1	Isophorone	55.2	U	55.2	84.8	110	ug/Kg
88-75-5	2-Nitrophenol	61.6	U	61.6	84.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.8	U	60.8	84.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56	U	56	84.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.2	U	49.2	84.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.7	U	55.7	84.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	53.9	U	53.9	84.8	110	ug/Kg
106-47-8	4-Chloroaniline	53.9	U	53.9	84.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.3	U	54.3	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102924
Lab Sample ID:	P4567-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140122.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.6	U	56.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.6	U	50.6	84.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.8	U	53.8	84.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.6	U	46.6	84.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.3	U	48.3	84.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57	U	57	84.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.3	U	54.3	84.8	110	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	84.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	84.8	110	ug/Kg
208-96-8	Acenaphthylene	56.4	U	56.4	84.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.3	U	54.3	84.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.2	U	58.2	84.8	110	ug/Kg
83-32-9	Acenaphthene	52.9	U	52.9	84.8	110	ug/Kg
Total PAH	Total PAH	864.4	U	864.4	84.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.7	U	75.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.1	U	55.1	84.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.5	U	110.5	84.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.2	U	56.2	84.8	110	ug/Kg
84-66-2	Diethylphthalate	52.2	U	52.2	84.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.8	U	55.8	84.8	110	ug/Kg
86-73-7	Fluorene	55.8	U	55.8	84.8	110	ug/Kg
100-01-6	4-Nitroaniline	69.8	U	69.8	84.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.3	U	76.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.2	U	53.2	84.8	110	ug/Kg
103-33-3	Azobenzene	51.9	U	51.9	84.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.5	U	51.5	84.8	110	ug/Kg
118-74-1	Hexachlorobenzene	55.4	U	55.4	84.8	110	ug/Kg
1912-24-9	Atrazine	59.6	U	59.6	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102924
Lab Sample ID:	P4567-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140122.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.4	U	50.4	180	220	ug/Kg
85-01-8	Phenanthrene	54.8	U	54.8	84.8	110	ug/Kg
120-12-7	Anthracene	55.1	U	55.1	84.8	110	ug/Kg
86-74-8	Carbazole	52.4	U	52.4	84.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	84.8	110	ug/Kg
206-44-0	Fluoranthene	53.3	U	53.3	84.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	54.1	U	54.1	84.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.1	U	63.1	84.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.3	U	64.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	52.6	U	52.6	84.8	110	ug/Kg
218-01-9	Chrysene	51.9	U	51.9	84.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.4	U	59.4	84.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.8	U	71.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.9	U	52.9	84.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.9	U	53.9	84.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.7	U	60.7	84.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.9	U	50.9	84.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	84.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52.2	U	52.2	84.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.6	U	56.6	84.8	110	ug/Kg
123-91-1	1,4-Dioxane	71.8	U	71.8	84.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.7	U	48.7	84.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.3	U	54.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.689		18-112		52	SPK: -150
13127-88-3	Phenol-d6	76.083		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	61.593		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.548		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-2	SDG No.:	BF102924
Lab Sample ID:	P4567-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140122.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.126		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	46.318		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131136	6.887				
1146-65-2	Naphthalene-d8	503166	8.169				
15067-26-2	Acenaphthene-d10	260127	9.922				
1517-22-2	Phenanthrene-d10	377150	11.41				
1719-03-5	Chrysene-d12	247934	14.057				
1520-96-3	Perylene-d12	240453	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	910	J			2.187	
000119-61-9	Benzophenone	150	J			10.633	
000057-10-3	n-Hexadecanoic acid	230	J			11.933	
000057-11-4	Octadecanoic acid	90.7	J			12.722	
000301-02-0	9-Octadecenamide, (Z)-	44.8	J			13.474	

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.01	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
BF140123.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.9	U	58.9	180	220	ug/Kg
110-86-1	Pyridine	54.2	U	54.2	88.2	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.8	U	65.8	88.2	120	ug/Kg
108-95-2	Phenol	56.3	U	56.3	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.8	U	56.8	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	56.7	U	56.7	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.4	U	57.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.4	U	58.4	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.7	U	58.7	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	56.3	U	56.3	180	220	ug/Kg
95-48-7	2-Methylphenol	54.7	U	54.7	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.7	U	61.7	88.2	120	ug/Kg
98-86-2	Acetophenone	59	U	59	88.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.2	U	54.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	56.3	U	56.3	88.2	120	ug/Kg
98-95-3	Nitrobenzene	61.6	U	61.6	88.2	120	ug/Kg
78-59-1	Isophorone	57.4	U	57.4	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.1	U	64.1	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.2	U	63.2	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.2	U	58.2	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.2	U	51.2	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58	U	58	88.2	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.1	U	56.1	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	56.1	U	56.1	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.5	U	56.5	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.01	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
BF140123.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.9	U	58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	88.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.5	U	48.5	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.2	U	50.2	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	59.3	U	59.3	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.5	U	56.5	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	64.5	U	64.5	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	55.4	U	55.4	88.2	120	ug/Kg
208-96-8	Acenaphthylene	58.7	U	58.7	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.5	U	56.5	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	60.5	U	60.5	88.2	120	ug/Kg
83-32-9	Acenaphthene	55	U	55	88.2	120	ug/Kg
Total PAH	Total PAH	5312.2	U	899.2	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.7	U	78.7	180	220	ug/Kg
132-64-9	Dibenzofuran	57.3	U	57.3	88.2	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15	U	115	88.2	240	ug/Kg
84-66-2	Diethylphthalate	54.4	U	54.4	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.1	U	58.1	88.2	120	ug/Kg
86-73-7	Fluorene	58	U	58	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	72.6	U	72.6	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.4	U	79.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.4	U	55.4	88.2	120	ug/Kg
103-33-3	Azobenzene	54	U	54	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.5	U	53.5	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	57.7	U	57.7	88.2	120	ug/Kg
1912-24-9	Atrazine	62	U	62	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.01	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
BF140123.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.5	U	52.5	180	220	ug/Kg
85-01-8	Phenanthrene	400		57	88.2	120	ug/Kg
120-12-7	Anthracene	57.3	U	57.3	88.2	120	ug/Kg
86-74-8	Carbazole	67.2	J	54.5	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.2	U	57.2	88.2	120	ug/Kg
206-44-0	Fluoranthene	940		55.4	88.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	620		56.3	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.7	U	65.7	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.9	U	66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	350		54.8	88.2	120	ug/Kg
218-01-9	Chrysene	650		53.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140		61.8	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.6	U	74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		55	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	430		56.1	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	500		63.1	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		53	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72.2	J	55.1	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		54.4	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	74.6	U	74.6	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.5	U	56.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.871		18-112		56	SPK: -150
13127-88-3	Phenol-d6	82.758		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	66.548		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	68.417		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.01	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
BF140123.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.242		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	51.336		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125217	6.887				
1146-65-2	Naphthalene-d8	481788	8.169				
15067-26-2	Acenaphthene-d10	246693	9.922				
1517-22-2	Phenanthrene-d10	351887	11.41				
1719-03-5	Chrysene-d12	238166	14.057				
1520-96-3	Perylene-d12	239712	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	920	J			2.193	
000119-61-9	Benzophenone	86.9	J			10.634	
000057-10-3	n-Hexadecanoic acid	400	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	98.8	J			12.028	
000084-65-1	9,10-Anthracenedione	130	J			12.227	
000057-11-4	Octadecanoic acid	64.2	J			12.722	
033543-31-6	Fluoranthene, 2-methyl-	67.9	J			13.18	
000479-79-8	11H-Benzo[a]fluoren-11-one	45.9	J			13.686	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	71.5	J			13.804	
027208-37-3	Cyclopenta[cd]pyrene	47.3	J			13.857	
000082-05-3	7H-Benz[de]anthracen-7-one	90.9	J			13.898	
000593-45-3	Octadecane	83.7	J			15.204	
000192-97-2	Benzo[e]pyrene	470	J			15.433	
013187-99-0	2-Bromo dodecane	100	J			16.045	
1000190-54-9	10-Bromo-1,2,3,4-tetrahydro-phenan	130	J			16.886	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102924
Lab Sample ID:	P4574-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140124.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102924
Lab Sample ID:	P4574-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140124.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102924
Lab Sample ID:	P4574-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140124.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.487		18-112		40	SPK: -150
13127-88-3	Phenol-d6	58.258		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	47.958		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	54.047		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	GRAVEL-1	SDG No.:	BF102924
Lab Sample ID:	P4574-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140124.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	57.253		10-116		38	SPK: -150
1718-51-0	Terphenyl-d14	37.542		10-105		38	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126258	6.887				
1146-65-2	Naphthalene-d8	469909	8.169				
15067-26-2	Acenaphthene-d10	223464	9.922				
1517-22-2	Phenanthrene-d10	282286	11.416				
1719-03-5	Chrysene-d12	214709	14.069				
1520-96-3	Perylene-d12	209710	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	730	J			2.181	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-TOP-1	SDG No.:	BF102924
Lab Sample ID:	P4578-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140125.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	150	U	150	460	560	ug/Kg
110-86-1	Pyridine	140	U	140	220	290	ug/Kg
100-52-7	Benzaldehyde	310	U	310	460	560	ug/Kg
62-53-3	Aniline	160	U	160	220	290	ug/Kg
108-95-2	Phenol	140	U	140	220	290	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	220	290	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	220	290	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	220	290	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	U	150	220	290	ug/Kg
106-46-7	1,4-Dichlorobenzene	150	U	150	220	290	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	460	560	ug/Kg
95-48-7	2-Methylphenol	140	U	140	220	290	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	220	290	ug/Kg
98-86-2	Acetophenone	150	U	150	220	290	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	460	560	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.5	U	68.5	140	140	ug/Kg
67-72-1	Hexachloroethane	140	U	140	220	290	ug/Kg
98-95-3	Nitrobenzene	150	U	150	220	290	ug/Kg
78-59-1	Isophorone	140	U	140	220	290	ug/Kg
88-75-5	2-Nitrophenol	160	U	160	220	290	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	220	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	220	290	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	220	290	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	150	U	150	220	290	ug/Kg
65-85-0	Benzoic acid	400	U	400	460	560	ug/Kg
91-20-3	Naphthalene	140	U	140	220	290	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	220	290	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-TOP-1	SDG No.:	BF102924
Lab Sample ID:	P4578-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140125.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	150	U	150	460	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	220	290	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	220	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	460	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	220	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	220	290	ug/Kg
92-52-4	1,1-Biphenyl	150	U	150	220	290	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	220	290	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	220	290	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	220	290	ug/Kg
208-96-8	Acenaphthylene	150	U	150	220	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	220	290	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	220	290	ug/Kg
83-32-9	Acenaphthene	140	U	140	220	290	ug/Kg
Total PAH	Total PAH	2270	U	2270	220	4640	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	410	460	560	ug/Kg
100-02-7	4-Nitrophenol	200	U	200	460	560	ug/Kg
132-64-9	Dibenzofuran	140	U	140	220	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	220	290	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	290	U	290	220	580	ug/Kg
84-66-2	Diethylphthalate	140	U	140	220	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	U	150	220	290	ug/Kg
86-73-7	Fluorene	150	U	150	220	290	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	220	290	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	460	560	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	220	290	ug/Kg
103-33-3	Azobenzene	140	U	140	220	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	220	290	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	220	290	ug/Kg
1912-24-9	Atrazine	160	U	160	220	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-TOP-1	SDG No.:	BF102924
Lab Sample ID:	P4578-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140125.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130	U	130	460	560	ug/Kg
85-01-8	Phenanthrene	200	J	140	220	290	ug/Kg
120-12-7	Anthracene	140	U	140	220	290	ug/Kg
86-74-8	Carbazole	140	U	140	220	290	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	220	290	ug/Kg
206-44-0	Fluoranthene	180	J	140	220	290	ug/Kg
92-87-5	Benzidine	280	U	280	460	560	ug/Kg
129-00-0	Pyrene	190	J	140	220	290	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	220	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	460	560	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	140	220	290	ug/Kg
218-01-9	Chrysene	140	U	140	220	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	220	290	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	460	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	220	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	220	290	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	220	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	220	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	220	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	220	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	220	290	ug/Kg
123-91-1	1,4-Dioxane	190	U	190	220	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	220	290	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	290	290	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.631		18-112		52	SPK: -150
13127-88-3	Phenol-d6	77.418		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	58.708		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	59.267		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WB-305-TOP-1	SDG No.:	BF102924
Lab Sample ID:	P4578-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	41.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140125.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.581		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	42.418		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121877	6.887				
1146-65-2	Naphthalene-d8	473789	8.169				
15067-26-2	Acenaphthene-d10	240944	9.922				
1517-22-2	Phenanthrene-d10	345918	11.41				
1719-03-5	Chrysene-d12	236214	14.051				
1520-96-3	Perylene-d12	244867	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.193	
001119-40-0	Pentanedioic acid, dimethyl ester	120	J			7.698	
000119-61-9	Benzophenone	540	J			10.634	
000057-10-3	n-Hexadecanoic acid	430	J			11.933	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	200	J			12.022	
1000351-75-1	Tricosyl trifluoroacetate	180	J			13.898	
000192-97-2	Benzo[e]pyrene	140	J			15.11	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102924
Lab Sample ID:	P4561-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140126.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.6	U	53.6	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65	U	65	87.3	110	ug/Kg
108-95-2	Phenol	55.6	U	55.6	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.3	110	ug/Kg
98-86-2	Acetophenone	58.3	U	58.3	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.3	110	ug/Kg
98-95-3	Nitrobenzene	60.9	U	60.9	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.4	U	63.4	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.4	U	55.4	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.4	U	55.4	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102924
Lab Sample ID:	P4561-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140126.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.8	U	54.8	87.3	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.8	U	55.8	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.4	U	54.4	87.3	110	ug/Kg
Total PAH	Total PAH	889.4	U	889.4	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.7	U	113.7	87.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.5	U	78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.4	U	53.4	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.3	U	61.3	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102924
Lab Sample ID:	P4561-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140126.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	54.8	U	54.8	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.2	U	54.2	87.3	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.8	U	73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.4	U	54.4	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.4	U	55.4	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.4	U	62.4	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.4	U	52.4	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.8	U	73.8	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.1	U	50.1	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.8	U	55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.548		18-112		54	SPK: -150
13127-88-3	Phenol-d6	80.908		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	63.156		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	65.696		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F-19	SDG No.:	BF102924
Lab Sample ID:	P4561-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140126.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.638		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	47.255		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124374	6.887				
1146-65-2	Naphthalene-d8	486569	8.169				
15067-26-2	Acenaphthene-d10	249649	9.922				
1517-22-2	Phenanthrene-d10	350468	11.41				
1719-03-5	Chrysene-d12	248754	14.051				
1520-96-3	Perylene-d12	237714	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	980	J			2.199	
000119-61-9	Benzophenone	140	J			10.633	
000057-10-3	n-Hexadecanoic acid	120	J			11.933	
018835-33-1	1-Hexacosene	84.1	J			13.892	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102924
Lab Sample ID:	P4567-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140127.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.2	U	58.2	180	220	ug/Kg
110-86-1	Pyridine	53.6	U	53.6	87.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65	U	65	87.2	110	ug/Kg
108-95-2	Phenol	55.6	U	55.6	87.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.1	U	56.1	87.2	110	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	87.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.7	U	56.7	87.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58	U	58	87.2	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.2	110	ug/Kg
98-86-2	Acetophenone	58.3	U	58.3	87.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.5	U	53.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27	U	27	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.2	110	ug/Kg
98-95-3	Nitrobenzene	60.9	U	60.9	87.2	110	ug/Kg
78-59-1	Isophorone	56.7	U	56.7	87.2	110	ug/Kg
88-75-5	2-Nitrophenol	63.4	U	63.4	87.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.5	U	62.5	87.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.5	U	57.5	87.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.6	U	50.6	87.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.4	U	55.4	87.2	110	ug/Kg
106-47-8	4-Chloroaniline	55.4	U	55.4	87.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102924
Lab Sample ID:	P4567-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140127.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.2	U	58.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.3	U	55.3	87.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.6	U	49.6	87.2	110	ug/Kg
92-52-4	1,1-Biphenyl	58.6	U	58.6	87.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.2	110	ug/Kg
88-74-4	2-Nitroaniline	63.7	U	63.7	87.2	110	ug/Kg
131-11-3	Dimethylphthalate	54.8	U	54.8	87.2	110	ug/Kg
208-96-8	Acenaphthylene	58	U	58	87.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.8	U	55.8	87.2	110	ug/Kg
99-09-2	3-Nitroaniline	59.8	U	59.8	87.2	110	ug/Kg
83-32-9	Acenaphthene	54.4	U	54.4	87.2	110	ug/Kg
Total PAH	Total PAH	888.7	U	888.7	87.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.8	U	77.8	180	220	ug/Kg
132-64-9	Dibenzofuran	56.6	U	56.6	87.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.6	U	113.6	87.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.8	U	57.8	87.2	110	ug/Kg
84-66-2	Diethylphthalate	53.7	U	53.7	87.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.4	U	57.4	87.2	110	ug/Kg
86-73-7	Fluorene	57.3	U	57.3	87.2	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.5	U	78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.7	U	54.7	87.2	110	ug/Kg
103-33-3	Azobenzene	53.4	U	53.4	87.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.9	U	52.9	87.2	110	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	87.2	110	ug/Kg
1912-24-9	Atrazine	61.3	U	61.3	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102924
Lab Sample ID:	P4567-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140127.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.8	U	51.8	180	220	ug/Kg
85-01-8	Phenanthrene	56.3	U	56.3	87.2	110	ug/Kg
120-12-7	Anthracene	56.6	U	56.6	87.2	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.5	U	56.5	87.2	110	ug/Kg
206-44-0	Fluoranthene	54.8	U	54.8	87.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.9	U	64.9	87.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.1	U	66.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.1	U	54.1	87.2	110	ug/Kg
218-01-9	Chrysene	53.3	U	53.3	87.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	U	61	87.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.8	U	73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.4	U	54.4	87.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.4	U	55.4	87.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.4	U	62.4	87.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.4	U	52.4	87.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.7	U	53.7	87.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.2	U	58.2	87.2	110	ug/Kg
123-91-1	1,4-Dioxane	73.8	U	73.8	87.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.1	U	50.1	87.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.8	U	55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.811		18-112		58	SPK: -150
13127-88-3	Phenol-d6	86.3		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	70.108		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	71.038		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	WC-3	SDG No.:	BF102924
Lab Sample ID:	P4567-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140127.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164461

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.496		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	51.153		10-105		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120971	6.887				
1146-65-2	Naphthalene-d8	459316	8.169				
15067-26-2	Acenaphthene-d10	236245	9.922				
1517-22-2	Phenanthrene-d10	335599	11.41				
1719-03-5	Chrysene-d12	241022	14.057				
1520-96-3	Perylene-d12	228949	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.193	
000119-61-9	Benzophenone	180	J			10.633	
000057-10-3	n-Hexadecanoic acid	200	J			11.933	
000301-02-0	9-Octadecenamide, (Z)-	49.4	J			13.474	
1000406-04-8	Pentadecafluorooctanoic acid, octa	100	J			13.898	

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F12	SDG No.:	BF102924
Lab Sample ID:	P4598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140128.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59	U	59	180	220	ug/Kg
110-86-1	Pyridine	54.3	U	54.3	88.4	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.9	U	65.9	88.4	120	ug/Kg
108-95-2	Phenol	56.4	U	56.4	88.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.9	U	56.9	88.4	120	ug/Kg
95-57-8	2-Chlorophenol	56.8	U	56.8	88.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.5	U	57.5	88.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.5	U	58.5	88.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.8	U	58.8	88.4	120	ug/Kg
100-51-6	Benzyl Alcohol	56.4	U	56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	54.8	U	54.8	88.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.8	U	61.8	88.4	120	ug/Kg
98-86-2	Acetophenone	59.1	U	59.1	88.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.3	U	54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	56.4	U	56.4	88.4	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.4	120	ug/Kg
78-59-1	Isophorone	57.5	U	57.5	88.4	120	ug/Kg
88-75-5	2-Nitrophenol	64.3	U	64.3	88.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.4	U	63.4	88.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	88.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.1	U	58.1	88.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.2	U	56.2	88.4	120	ug/Kg
106-47-8	4-Chloroaniline	56.2	U	56.2	88.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F12	SDG No.:	BF102924
Lab Sample ID:	P4598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140128.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59	U	59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.7	U	52.7	88.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.1	U	56.1	88.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.3	U	50.3	88.4	120	ug/Kg
92-52-4	1,1-Biphenyl	59.4	U	59.4	88.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.4	120	ug/Kg
88-74-4	2-Nitroaniline	64.6	U	64.6	88.4	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.4	120	ug/Kg
208-96-8	Acenaphthylene	58.8	U	58.8	88.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.6	U	56.6	88.4	120	ug/Kg
99-09-2	3-Nitroaniline	60.7	U	60.7	88.4	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.4	120	ug/Kg
Total PAH	Total PAH	901.2	U	901.2	88.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.9	U	78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	57.4	U	57.4	88.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.2	U	115.2	88.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	88.4	120	ug/Kg
84-66-2	Diethylphthalate	54.5	U	54.5	88.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.2	U	58.2	88.4	120	ug/Kg
86-73-7	Fluorene	58.1	U	58.1	88.4	120	ug/Kg
100-01-6	4-Nitroaniline	72.8	U	72.8	88.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.6	U	79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.5	U	55.5	88.4	120	ug/Kg
103-33-3	Azobenzene	54.1	U	54.1	88.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.4	120	ug/Kg
118-74-1	Hexachlorobenzene	57.8	U	57.8	88.4	120	ug/Kg
1912-24-9	Atrazine	62.2	U	62.2	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F12	SDG No.:	BF102924
Lab Sample ID:	P4598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140128.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.6	U	52.6	180	220	ug/Kg
85-01-8	Phenanthrene	57.1	U	57.1	88.4	120	ug/Kg
120-12-7	Anthracene	57.4	U	57.4	88.4	120	ug/Kg
86-74-8	Carbazole	54.6	U	54.6	88.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.3	U	57.3	88.4	120	ug/Kg
206-44-0	Fluoranthene	55.6	U	55.6	88.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.4	U	56.4	88.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.8	U	65.8	88.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.1	U	67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.9	U	54.9	88.4	120	ug/Kg
218-01-9	Chrysene	54.1	U	54.1	88.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.9	U	61.9	88.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.8	U	74.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.2	U	55.2	88.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.2	U	56.2	88.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.2	U	63.2	88.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.1	U	53.1	88.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.2	U	55.2	88.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.5	U	54.5	88.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	88.4	120	ug/Kg
123-91-1	1,4-Dioxane	74.8	U	74.8	88.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.8	U	50.8	88.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.6	U	56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.435		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.945		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	55.633		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	59.318		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	BP-F12	SDG No.:	BF102924
Lab Sample ID:	P4598-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140128.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	60.986		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	44.026		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125215	6.887				
1146-65-2	Naphthalene-d8	488385	8.169				
15067-26-2	Acenaphthene-d10	248126	9.922				
1517-22-2	Phenanthrene-d10	349852	11.41				
1719-03-5	Chrysene-d12	245891	14.051				
1520-96-3	Perylene-d12	234454	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	920	J			2.199	
000141-79-7	3-Penten-2-one, 4-methyl-	110	A			4.505	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	66.4	A			5.116	
000119-61-9	Benzophenone	210	J			10.634	
000638-53-9	Tridecanoic acid	100	J			11.933	
1010406-40-5	Butyl hexadecyl ether	75.5	J			13.898	
000301-02-0	9-Octadecenamide, (Z)-	65.3	J			14.822	

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140129.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

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

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140129.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

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

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140129.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	58.406		18-112		39	SPK: -150
13127-88-3	Phenol-d6	57.467		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	47.115		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	50.547		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140129.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	47.368		10-116		32	SPK: -150
1718-51-0	Terphenyl-d14	37.187		10-105		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126824	6.887				
1146-65-2	Naphthalene-d8	480403	8.169				
15067-26-2	Acenaphthene-d10	247294	9.922				
1517-22-2	Phenanthrene-d10	350317	11.41				
1719-03-5	Chrysene-d12	259401	14.051				
1520-96-3	Perylene-d12	235722	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	630	J			2.187	
1000351-83-8	Heneicosyl heptafluorobutyrate	40.6	J			13.898	

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-2	SDG No.:	BF102924
Lab Sample ID:	P4597-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140130.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.9	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.1	U	24.1	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg



Client:			Date Collected:	10/28/2024 12:00:00 AM	
Project:			Date Received:	10/28/2024 12:00:00 AM	
Client Sample ID:	BLUE-2-2		SDG No.:	BF102924	
Lab Sample ID:	P4597-10		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	0	
Sample Wt/Vol:	50.09	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140130.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.5	U	50.5	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-2	SDG No.:	BF102924
Lab Sample ID:	P4597-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140130.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.9	100	ug/Kg
92-87-5	Benzidine	97.6	U	97.6	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.637		18-112		52	SPK: -150
13127-88-3	Phenol-d6	75.291		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	62.787		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	66.109		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	BLUE-2-2	SDG No.:	BF102924
Lab Sample ID:	P4597-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140130.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.362		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	46.241		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126449	6.887				
1146-65-2	Naphthalene-d8	478663	8.169				
15067-26-2	Acenaphthene-d10	241095	9.922				
1517-22-2	Phenanthrene-d10	337373	11.41				
1719-03-5	Chrysene-d12	254150	14.051				
1520-96-3	Perylene-d12	236900	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	680	J			2.193	
000141-79-7	3-Penten-2-one, 4-methyl-	94.6	A			4.504	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.116	
000107-70-0	2-Pentanone, 4-methoxy-4-methyl-	48.9	J			5.904	
000119-61-9	Benzophenone	63.1	J			10.634	
000057-10-3	n-Hexadecanoic acid	120	J			11.933	
1000406-04-8	Pentadecafluorooctanoic acid, octa	78.3	J			13.898	

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102924
Lab Sample ID:	P4594-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140131.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.2	U	65.2	87.5	110	ug/Kg
108-95-2	Phenol	55.8	U	55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	56.2	U	56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.2	U	58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.8	U	55.8	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.7	U	53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.8	U	55.8	87.5	110	ug/Kg
98-95-3	Nitrobenzene	61.1	U	61.1	87.5	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	55.6	U	55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102924
Lab Sample ID:	P4594-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140131.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.8	U	49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.5	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.5	110	ug/Kg
Total PAH	Total PAH	891.6	U	891.6	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	180	220	ug/Kg
132-64-9	Dibenzofuran	56.8	U	56.8	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	114	U	114	87.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	87.5	110	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	87.5	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.1	U	53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	57.2	U	57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	61.5	U	61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102924
Lab Sample ID:	P4594-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140131.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	56.5	U	56.5	87.5	110	ug/Kg
120-12-7	Anthracene	56.8	U	56.8	87.5	110	ug/Kg
86-74-8	Carbazole	54	U	54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	55	U	55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.8	U	55.8	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.3	U	66.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.3	U	54.3	87.5	110	ug/Kg
218-01-9	Chrysene	53.5	U	53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.6	U	54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.6	U	55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.6	U	62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.5	U	52.5	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.9	U	53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	74	U	74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	62.384		18-112		42	SPK: -150
13127-88-3	Phenol-d6	63.38		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	45.707		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	49.116		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF102924
Lab Sample ID:	P4594-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BF140131.D	1	10/29/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164497

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	51.787		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	33.839		10-105		34	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125413	6.886				
1146-65-2	Naphthalene-d8	486249	8.169				
15067-26-2	Acenaphthene-d10	241517	9.922				
1517-22-2	Phenanthrene-d10	338082	11.41				
1719-03-5	Chrysene-d12	258017	14.051				
1520-96-3	Perylene-d12	243228	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	840	J			2.187	
000119-61-9	Benzophenone	64.1	J			10.633	
000057-10-3	n-Hexadecanoic acid	56.1	J			11.933	
006971-40-0	17-Pentatriacontene	59.7	J			13.898	

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BL	SDG No.:	BF102924
Lab Sample ID:	PB164500BL	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
BF140134.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BL	SDG No.:	BF102924
Lab Sample ID:	PB164500BL	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
BF140134.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BL	SDG No.:	BF102924
Lab Sample ID:	PB164500BL	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
BF140134.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.324		10-139		78	SPK: -150
13127-88-3	Phenol-d6	111.904		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	89.458		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.331		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BL	SDG No.:	BF102924
Lab Sample ID:	PB164500BL	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
BF140134.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.616		44-137		58	SPK: -150
1718-51-0	Terphenyl-d14	71.07		48-125		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121260	6.887				
1146-65-2	Naphthalene-d8	475752	8.169				
15067-26-2	Acenaphthene-d10	251906	9.922				
1517-22-2	Phenanthrene-d10	379497	11.41				
1719-03-5	Chrysene-d12	263688	14.051				
1520-96-3	Perylene-d12	209364	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.7	J			2.246	

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164478TB	SDG No.:	BF102924
Lab Sample ID:	PB164478TB	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
BF140135.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164478TB	SDG No.:	BF102924
Lab Sample ID:	PB164478TB	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
BF140135.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164478TB	SDG No.:	BF102924
Lab Sample ID:	PB164478TB	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
BF140135.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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	110.937		10-139		74	SPK: -150
13127-88-3	Phenol-d6	108.078		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	85.673		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.57		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164478TB	SDG No.:	BF102924
Lab Sample ID:	PB164478TB	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
BF140135.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.074		44-137		53	SPK: -150
1718-51-0	Terphenyl-d14	68.356		48-125		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127237	6.887				
1146-65-2	Naphthalene-d8	499637	8.169				
15067-26-2	Acenaphthene-d10	262397	9.922				
1517-22-2	Phenanthrene-d10	375636	11.41				
1719-03-5	Chrysene-d12	259145	14.051				
1520-96-3	Perylene-d12	208644	15.533				

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BS	SDG No.:	BF102924
Lab Sample ID:	PB164500BS	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
BF140136.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41		1	8	10	ug/L
110-86-1	Pyridine	36.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	11.9		4	8	10	ug/L
62-53-3	Aniline	33.7		1.6	4	5	ug/L
108-95-2	Phenol	42.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.7		1.4	4	5	ug/L
98-86-2	Acetophenone	41.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	41.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.9		1	4	5	ug/L
98-95-3	Nitrobenzene	42.5		1.3	4	5	ug/L
78-59-1	Isophorone	44.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	50.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.6		1.1	4	5	ug/L
65-85-0	Benzoic acid	33.3		5.5	8	10	ug/L
91-20-3	Naphthalene	42		1	4	5	ug/L
106-47-8	4-Chloroaniline	14.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BS	SDG No.:	BF102924
Lab Sample ID:	PB164500BS	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
BF140136.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	40.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42.9		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	44.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	27.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	44.4		0.81	4	5	ug/L
Total PAH	Total PAH	688.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	66.1		6.4	8	10	ug/L
100-02-7	4-Nitrophenol	76.4		2	8	10	ug/L
132-64-9	Dibenzofuran	42.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.1		0.98	4	5	ug/L
86-73-7	Fluorene	41.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	39.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46		0.89	4	5	ug/L
103-33-3	Azobenzene	42		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.7		1.1	4	5	ug/L
1912-24-9	Atrazine	55.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BS	SDG No.:	BF102924
Lab Sample ID:	PB164500BS	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
BF140136.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	69.8		1.9	8	10	ug/L
85-01-8	Phenanthrene	43.2		0.89	4	5	ug/L
120-12-7	Anthracene	45.4		1.1	4	5	ug/L
86-74-8	Carbazole	41.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	40.4		1.3	4	5	ug/L
92-87-5	Benzidine	43.8		4.1	8	10	ug/L
129-00-0	Pyrene	39.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	55.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.8		0.94	4	5	ug/L
218-01-9	Chrysene	46.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	58.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	52.3		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	37.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	37.2		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	40.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.917		10-139		79	SPK: -150
13127-88-3	Phenol-d6	114.708		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	90.624		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	84.687		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	PB164500BS	SDG No.:	BF102924
Lab Sample ID:	PB164500BS	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
BF140136.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.406		44-137		78	SPK: -150
1718-51-0	Terphenyl-d14	84.374		48-125		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136623	6.886				
1146-65-2	Naphthalene-d8	537858	8.169				
15067-26-2	Acenaphthene-d10	301173	9.927				
1517-22-2	Phenanthrene-d10	487755	11.416				
1719-03-5	Chrysene-d12	271029	14.057				
1520-96-3	Perylene-d12	240894	15.533				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140137.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140137.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140137.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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	113.941		10-139		76	SPK: -150
13127-88-3	Phenol-d6	109.394		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	89.811		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	92.28		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-1	SDG No.:	BF102924
Lab Sample ID:	P4597-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140137.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.301		44-137		70	SPK: -150
1718-51-0	Terphenyl-d14	74.787		48-125		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125621	6.893				
1146-65-2	Naphthalene-d8	488828	8.169				
15067-26-2	Acenaphthene-d10	246659	9.922				
1517-22-2	Phenanthrene-d10	349061	11.41				
1719-03-5	Chrysene-d12	265078	14.051				
1520-96-3	Perylene-d12	210669	15.533				

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-06	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
BF140138.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-06	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
BF140138.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-06	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
BF140138.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.103		10-139		85	SPK: -150
13127-88-3	Phenol-d6	121.245		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	99.984		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	101.151		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	10/28/2024 12:00:00 AM
Project:		Date Received:	10/28/2024 12:00:00 AM
Client Sample ID:	RED-1-2	SDG No.:	BF102924
Lab Sample ID:	P4597-06	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
BF140138.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.746		44-137		79	SPK: -150
1718-51-0	Terphenyl-d14	80.758		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126659	6.886				
1146-65-2	Naphthalene-d8	501647	8.169				
15067-26-2	Acenaphthene-d10	256654	9.922				
1517-22-2	Phenanthrene-d10	367001	11.41				
1719-03-5	Chrysene-d12	252344	14.051				
1520-96-3	Perylene-d12	187953	15.533				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102924
Lab Sample ID:	P4594-04	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
BF140139.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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	28.5	J	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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102924
Lab Sample ID:	P4594-04	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
BF140139.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102924
Lab Sample ID:	P4594-04	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
BF140139.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.721		10-139		78	SPK: -150
13127-88-3	Phenol-d6	114.076		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	94.721		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	94.426		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF102924
Lab Sample ID:	P4594-04	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
BF140139.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.661		44-137		74	SPK: -150
1718-51-0	Terphenyl-d14	73.252		48-125		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125591	6.892				
1146-65-2	Naphthalene-d8	480116	8.169				
15067-26-2	Acenaphthene-d10	245651	9.922				
1517-22-2	Phenanthrene-d10	344252	11.41				
1719-03-5	Chrysene-d12	255394	14.051				
1520-96-3	Perylene-d12	200557	15.533				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MS	SDG No.:	BF102924
Lab Sample ID:	P4594-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140140.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	330		10.3	80	100	ug/L
110-86-1	Pyridine	220		15.5	40	50	ug/L
100-52-7	Benzaldehyde	66.9	J	40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	360		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	370		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	390		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	300		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	280		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	290		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	410		16	80	100	ug/L
95-48-7	2-Methylphenol	410		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	360		13.5	40	50	ug/L
98-86-2	Acetophenone	380		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	390		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	400		14.8	25	25	ug/L
67-72-1	Hexachloroethane	280		10.1	40	50	ug/L
98-95-3	Nitrobenzene	380		12.7	40	50	ug/L
78-59-1	Isophorone	430		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	470		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	480		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	410		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	430		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	350		11	40	50	ug/L
65-85-0	Benzoic acid	290		54.7	80	100	ug/L
91-20-3	Naphthalene	370		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	110		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	350		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MS	SDG No.:	BF102924
Lab Sample ID:	P4594-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140140.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	340		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	400		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1000	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	450		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	430		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	440		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	420		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	490		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	490		9.3	40	50	ug/L
208-96-8	Acenaphthylene	460		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	270		13.7	40	50	ug/L
83-32-9	Acenaphthene	450		8.1	40	50	ug/L
Total PAH	Total PAH	7110		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	490		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	670		20	80	100	ug/L
132-64-9	Dibenzofuran	440		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	440		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	480		15.2	40	50	ug/L
84-66-2	Diethylphthalate	470		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	450		9.8	40	50	ug/L
86-73-7	Fluorene	420		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	370		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	350		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	520		8.9	40	50	ug/L
103-33-3	Azobenzene	430		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	490		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MS	SDG No.:	BF102924
Lab Sample ID:	P4594-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140140.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	730		18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	430		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	520		14.7	40	50	ug/L
206-44-0	Fluoranthene	440		12.9	40	50	ug/L
92-87-5	Benzidine	56.7	J	40.7	80	100	ug/L
129-00-0	Pyrene	360		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	270		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	470		9.4	40	50	ug/L
218-01-9	Chrysene	490		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	640		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	500		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	560		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	520		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	390		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	390		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	340		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	270		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	410		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	380		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108.353		10-139		72	SPK: -150
13127-88-3	Phenol-d6	103.982		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	91.652		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	89.903		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MS	SDG No.:	BF102924
Lab Sample ID:	P4594-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140140.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.918		44-137		75	SPK: -150
1718-51-0	Terphenyl-d14	76.45		48-125		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127559	6.892				
1146-65-2	Naphthalene-d8	485788	8.169				
15067-26-2	Acenaphthene-d10	254836	9.928				
1517-22-2	Phenanthrene-d10	363078	11.416				
1719-03-5	Chrysene-d12	244508	14.057				
1520-96-3	Perylene-d12	212975	15.539				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-04MSD	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
BF140141.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	340		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	67.3	J	40	80	100	ug/L
62-53-3	Aniline	220		16	40	50	ug/L
108-95-2	Phenol	370		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	380		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	410		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	310		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	290		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	290		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	420		16	80	100	ug/L
95-48-7	2-Methylphenol	420		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	370		13.5	40	50	ug/L
98-86-2	Acetophenone	390		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	410		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	420		14.8	25	25	ug/L
67-72-1	Hexachloroethane	290		10.1	40	50	ug/L
98-95-3	Nitrobenzene	390		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	490		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	500		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	420		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	440		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	350		11	40	50	ug/L
65-85-0	Benzoic acid	340		54.7	80	100	ug/L
91-20-3	Naphthalene	370		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	110		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	350		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-04MSD	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
BF140141.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	380		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	450		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	420		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	460		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	450		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	440		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	430		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	500		9.3	40	50	ug/L
208-96-8	Acenaphthylene	470		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	490		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	250		13.7	40	50	ug/L
83-32-9	Acenaphthene	470		8.1	40	50	ug/L
Total PAH	Total PAH	7300		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	700		64.2	80	100	ug/L
100-02-7	4-Nitrophenol	730		20	80	100	ug/L
132-64-9	Dibenzofuran	450		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1010		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
84-66-2	Diethylphthalate	490		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		9.8	40	50	ug/L
86-73-7	Fluorene	440		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	440		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	510		8.9	40	50	ug/L
103-33-3	Azobenzene	450		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	520		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	460		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-04MSD	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
BF140141.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	770		18.5	80	100	ug/L
85-01-8	Phenanthrene	470		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	420		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		14.7	40	50	ug/L
206-44-0	Fluoranthene	420		12.9	40	50	ug/L
92-87-5	Benzidine	51.1	J	40.7	80	100	ug/L
129-00-0	Pyrene	410		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	570		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	240		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	490		9.4	40	50	ug/L
218-01-9	Chrysene	510		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	690		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	500		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	530		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	400		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	400		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	350		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	440		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	260		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	440		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	400		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.035		10-139		75	SPK: -150
13127-88-3	Phenol-d6	108.369		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	93.132		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	90.385		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	TP-4MSD	SDG No.:	BF102924
Lab Sample ID:	P4594-04MSD	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
BF140141.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.708		44-137		82	SPK: -150
1718-51-0	Terphenyl-d14	86.925		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136316	6.893				
1146-65-2	Naphthalene-d8	524655	8.169				
15067-26-2	Acenaphthene-d10	282930	9.928				
1517-22-2	Phenanthrene-d10	439248	11.416				
1719-03-5	Chrysene-d12	246770	14.057				
1520-96-3	Perylene-d12	211296	15.539				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140142.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140142.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140142.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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	103.544		10-139		69	SPK: -150
13127-88-3	Phenol-d6	95.489		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	87.921		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.594		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F17	SDG No.:	BF102924
Lab Sample ID:	P4594-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140142.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.719		44-137		72	SPK: -150
1718-51-0	Terphenyl-d14	78.289		48-125		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129375	6.887				
1146-65-2	Naphthalene-d8	507430	8.169				
15067-26-2	Acenaphthene-d10	266364	9.922				
1517-22-2	Phenanthrene-d10	401322	11.41				
1719-03-5	Chrysene-d12	255998	14.051				
1520-96-3	Perylene-d12	188586	15.533				

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F16	SDG No.:	BF102924
Lab Sample ID:	P4594-12	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
BF140143.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F16	SDG No.:	BF102924
Lab Sample ID:	P4594-12	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
BF140143.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F16	SDG No.:	BF102924
Lab Sample ID:	P4594-12	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
BF140143.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

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	103.703		10-139		69	SPK: -150
13127-88-3	Phenol-d6	95.975		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	87.789		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.483		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	10/26/2024 12:00:00 AM
Project:		Date Received:	10/26/2024 12:00:00 AM
Client Sample ID:	BP-F16	SDG No.:	BF102924
Lab Sample ID:	P4594-12	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
BF140143.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164500

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.258		44-137		70	SPK: -150
1718-51-0	Terphenyl-d14	80.63		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126489	6.887				
1146-65-2	Naphthalene-d8	505147	8.169				
15067-26-2	Acenaphthene-d10	267797	9.922				
1517-22-2	Phenanthrene-d10	404359	11.41				
1719-03-5	Chrysene-d12	249311	14.051				
1520-96-3	Perylene-d12	183532	15.539				

Hit Summary Sheet SW-846

SDG No.: BF102924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PT-TRIAZINE-SOIL								
P4495-12	PT-TRIAZINE-SOIL	Solid	.gamma.-Sitosterol	*	240.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	1-Heptacosanol	*	340.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	1-Heptadecene	*	130.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	1-Phenanthrenecarboxaldehyde, 1	*	82.600	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	10,18-Bisnorabieta-8,11,13-triene	*	70.600	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	9-Eicosene, (E)-	*	85.300	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Benzophenone	*	750.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Cyclopropane, nonyl-	*	81.300	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Eicosane	*	120.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Heptafluorobutyric acid, n-octade	*	200.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Methanone, (1-hydroxycyclohexy	*	130.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	n-Hexadecanoic acid	*	210.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Octacosane	*	170.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Octadecanal	*	160.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Oxirane, heptadecyl-	*	76.900	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Oxirane, hexadecyl-	*	74.300	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Pentacosane	*	300.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	Prometon	*	610.000	J		
P4495-12	PT-TRIAZINE-SOIL	Solid	unknown18.686	*	97.900	J		
			Total Tics :		4,928.90			
P4495-12	PT-TRIAZINE-SOIL	Solid	Atrazine		500.000	91.3	170	ug/Kg
			Total Svoc :		500.00			
			Total Concentration:		5,428.90			
Client ID : BP-F-19								
P4561-01	BP-F-19	Solid	1-Hexacosene	*	84.100	J		
P4561-01	BP-F-19	Solid	Benzophenone	*	140.000	J		
P4561-01	BP-F-19	Solid	Butane, 2-methoxy-2-methyl-	*	980.000	J		
P4561-01	BP-F-19	Solid	n-Hexadecanoic acid	*	120.000	J		
			Total Tics :		1,324.10			
			Total Concentration:		1,324.10			
Client ID : BP-F-18								
P4561-05	BP-F-18	Solid	9-Octadecenamide	*	63.800	J		
P4561-05	BP-F-18	Solid	Benzophenone	*	310.000	J		
P4561-05	BP-F-18	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P4561-05	BP-F-18	Solid	Eicosane	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BF102924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4561-05	BP-F-18	Solid	Hentriacontane	*	71.500	J		
P4561-05	BP-F-18	Solid	Heptacosane	*	130.000	J		
P4561-05	BP-F-18	Solid	Hexacosane	*	230.000	J		
P4561-05	BP-F-18	Solid	Hexadecane, 2,6,10,14-tetramethy	*	52.100	J		
P4561-05	BP-F-18	Solid	Hexathiane	*	52.400	J		
P4561-05	BP-F-18	Solid	n-Hexadecanoic acid	*	370.000	J		
P4561-05	BP-F-18	Solid	Octacosane	*	270.000	J		
P4561-05	BP-F-18	Solid	Octacosyl trifluoroacetate	*	130.000	J		
P4561-05	BP-F-18	Solid	Octadecanoic acid	*	81.700	J		
P4561-05	BP-F-18	Solid	Pentanedioic acid, dimethyl ester	*	50.500	J		
P4561-05	BP-F-18	Solid	Tetracosane	*	260.000	J		
P4561-05	BP-F-18	Solid	Tetratetracontane	*	140.000	J		
Total Tics :					3,642.00			
Total Concentration:					3,642.00			
Client ID : WC-2								
P4567-05	WC-2	Solid	9-Octadecenamide, (Z)-	*	44.800	J		
P4567-05	WC-2	Solid	Benzophenone	*	150.000	J		
P4567-05	WC-2	Solid	Butane, 2-methoxy-2-methyl-	*	910.000	J		
P4567-05	WC-2	Solid	n-Hexadecanoic acid	*	230.000	J		
P4567-05	WC-2	Solid	Octadecanoic acid	*	90.700	J		
Total Tics :					1,425.50			
Total Concentration:					1,425.50			
Client ID : WC-3								
P4567-09	WC-3	Solid	9-Octadecenamide, (Z)-	*	49.400	J		
P4567-09	WC-3	Solid	Benzophenone	*	180.000	J		
P4567-09	WC-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4567-09	WC-3	Solid	n-Hexadecanoic acid	*	200.000	J		
P4567-09	WC-3	Solid	Pentadecafluorooctanoic acid, oct:	*	100.000	J		
Total Tics :					1,629.40			
Total Concentration:					1,629.40			
Client ID : GRAVEL-1								
P4574-01	GRAVEL-1	Solid	Butane, 2-methoxy-2-methyl-	*	730.000	J		
Total Tics :					730.00			
Total Concentration:					730.00			
Client ID : WB-305-TOP-1								
P4578-04	WB-305-TOP-1	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	200.000	J		
P4578-04	WB-305-TOP-1	Solid	Benzo[e]pyrene	*	140.000	J		
P4578-04	WB-305-TOP-1	Solid	Benzophenone	*	540.000	J		
P4578-04	WB-305-TOP-1	Solid	Butane, 2-methoxy-2-methyl-	*	2,600.000	J		

Hit Summary Sheet SW-846

SDG No.: BF102924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4578-04	WB-305-TOP-1	Solid	n-Hexadecanoic acid	*	430.000	J		
P4578-04	WB-305-TOP-1	Solid	Pentanedioic acid, dimethyl ester	*	120.000	J		
P4578-04	WB-305-TOP-1	Solid	Tricosyl trifluoroacetate	*	180.000	J		
Total Tics :					4,210.00			
P4578-04	WB-305-TOP-1	Solid	Benzo(a)anthracene		140.000	J	140	ug/Kg
P4578-04	WB-305-TOP-1	Solid	Fluoranthene		180.000	J	140	ug/Kg
P4578-04	WB-305-TOP-1	Solid	Phenanthrene		200.000	J	140	ug/Kg
P4578-04	WB-305-TOP-1	Solid	Pyrene		190.000	J	140	ug/Kg
Total Svoc :					710.00			
Total Concentration:					4,920.00			
Client ID : WB-305-BOT								
P4578-05	WB-305-BOT	Solid	Benzophenone	*	540.000	J		
P4578-05	WB-305-BOT	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P4578-05	WB-305-BOT	Solid	Heptafluorobutyric acid, hexadecy	*	240.000	J		
P4578-05	WB-305-BOT	Solid	n-Hexadecanoic acid	*	340.000	J		
P4578-05	WB-305-BOT	Solid	Pentanedioic acid, dimethyl ester	*	83.200	J		
Total Tics :					3,403.20			
Total Concentration:					3,403.20			
Client ID : WB-305-BOT-1								
P4578-07	WB-305-BOT-1	Solid	Benzophenone	*	390.000	J		
P4578-07	WB-305-BOT-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P4578-07	WB-305-BOT-1	Solid	n-Hexadecanoic acid	*	280.000	J		
P4578-07	WB-305-BOT-1	Solid	Octacosyl trifluoroacetate	*	220.000	J		
P4578-07	WB-305-BOT-1	Solid	Pentanedioic acid, dimethyl ester	*	78.200	J		
Total Tics :					2,868.20			
Total Concentration:					2,868.20			
Client ID : TP-4								
P4594-04	TP-4	water	Pyridine		28.500	J	15.5	50 ug/L
Total Svoc :					28.50			
Total Concentration:					28.50			
Client ID : BP-F17								
P4594-05	BP-F17	Solid	Benzophenone	*	200.000	J		
P4594-05	BP-F17	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4594-05	BP-F17	Solid	n-Hexadecanoic acid	*	220.000	J		
P4594-05	BP-F17	Solid	Octadecanoic acid	*	48.700	J		
P4594-05	BP-F17	Solid	Tetracosyl heptafluorobutyrate	*	97.000	J		
Total Tics :					1,665.70			
Total Concentration:					1,665.70			

Hit Summary Sheet SW-846

SDG No.: BF102924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-5								
P4594-13	TP-5	Solid	17-Pentatriacontene	*	59.700	J		
P4594-13	TP-5	Solid	Benzophenone	*	64.100	J		
P4594-13	TP-5	Solid	Butane, 2-methoxy-2-methyl-	*	840.000	J		
P4594-13	TP-5	Solid	n-Hexadecanoic acid	*	56.100	J		
Total Tics :					1,019.90			
Total Concentration:					1,019.90			
Client ID : BP-F15								
P4594-17	BP-F15	Solid	9-Octadecenamide, (Z)-	*	48.200	J		
P4594-17	BP-F15	Solid	Benzophenone	*	79.500	J		
P4594-17	BP-F15	Solid	Butane, 2-methoxy-2-methyl-	*	780.000	J		
P4594-17	BP-F15	Solid	n-Hexadecanoic acid	*	170.000	J		
P4594-17	BP-F15	Solid	Pentadecafluorooctanoic acid, oct-	*	85.200	J		
Total Tics :					1,162.90			
Total Concentration:					1,162.90			
Client ID : RED-1-1								
P4597-01	RED-1-1	Solid	10-Bromo-1,2,3,4-tetrahydro-pher	*	130.000	J		
P4597-01	RED-1-1	Solid	11H-Benzo[a]fluoren-11-one	*	45.900	J		
P4597-01	RED-1-1	Solid	2-Bromo dodecane	*	100.000	J		
P4597-01	RED-1-1	Solid	4H-Cyclopenta[def]phenanthrene	*	98.800	J		
P4597-01	RED-1-1	Solid	7H-Benz[de]anthracen-7-one	*	90.900	J		
P4597-01	RED-1-1	Solid	9,10-Anthracenedione	*	130.000	J		
P4597-01	RED-1-1	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	71.500	J		
P4597-01	RED-1-1	Solid	Benzo[e]pyrene	*	470.000	J		
P4597-01	RED-1-1	Solid	Benzophenone	*	86.900	J		
P4597-01	RED-1-1	Solid	Butane, 2-methoxy-2-methyl-	*	920.000	J		
P4597-01	RED-1-1	Solid	Cyclopenta[cd]pyrene	*	47.300	J		
P4597-01	RED-1-1	Solid	Fluoranthene, 2-methyl-	*	67.900	J		
P4597-01	RED-1-1	Solid	n-Hexadecanoic acid	*	400.000	J		
P4597-01	RED-1-1	Solid	Octadecane	*	83.700	J		
P4597-01	RED-1-1	Solid	Octadecanoic acid	*	64.200	J		
Total Tics :					2,807.10			
P4597-01	RED-1-1	Solid	Benzo(a)anthracene		350.000	54.8	120	ug/Kg
P4597-01	RED-1-1	Solid	Benzo(a)pyrene		500.000	63.1	120	ug/Kg
P4597-01	RED-1-1	Solid	Benzo(b)fluoranthene		780.000	55	120	ug/Kg
P4597-01	RED-1-1	Solid	Benzo(g,h,i)perylene		290.000	54.4	120	ug/Kg
P4597-01	RED-1-1	Solid	Benzo(k)fluoranthene		430.000	56.1	120	ug/Kg
P4597-01	RED-1-1	Solid	Bis(2-ethylhexyl)phthalate		140.000	61.8	120	ug/Kg
P4597-01	RED-1-1	Solid	Carbazole		67.200	J 54.5	120	ug/Kg
P4597-01	RED-1-1	Solid	Chrysene		650.000	53.9	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF102924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4597-01	RED-1-1	Solid	Dibenzo(a,h)anthracene	72.200	J	55.1	120	ug/Kg
P4597-01	RED-1-1	Solid	Fluoranthene	940.000		55.4	120	ug/Kg
P4597-01	RED-1-1	Solid	Indeno(1,2,3-cd)pyrene	280.000		53	120	ug/Kg
P4597-01	RED-1-1	Solid	Phenanthrene	400.000		57	120	ug/Kg
P4597-01	RED-1-1	Solid	Pyrene	620.000		56.3	120	ug/Kg
Total Svoc :				5,519.40				
Total Concentration:				8,326.50				
Client ID : RED-1-2								
P4597-04	RED-1-2	Solid	Butane, 2-methoxy-2-methyl-	*	630.000	J		
P4597-04	RED-1-2	Solid	Heneicosyl heptafluorobutyrate	*	40.600	J		
Total Tics :				670.60				
Total Concentration:				670.60				
Client ID : BLUE-2-1								
P4597-07	BLUE-2-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P4597-07	BLUE-2-1	Solid	Benzophenone	*	250.000	J		
P4597-07	BLUE-2-1	Solid	Butane, 2-methoxy-2-methyl-	*	900.000	J		
P4597-07	BLUE-2-1	Solid	n-Hexadecanoic acid	*	110.000	J		
P4597-07	BLUE-2-1	Solid	Tricosyl trifluoroacetate	*	91.700	J		
Total Tics :				1,501.70				
P4597-07	BLUE-2-1	Solid	Fluoranthene		84.000	J	57.3	120 ug/Kg
P4597-07	BLUE-2-1	Solid	Pyrene		71.200	J	58.2	120 ug/Kg
Total Svoc :				155.20				
Total Concentration:				1,656.90				
Client ID : BLUE-2-2								
P4597-10	BLUE-2-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	260.000	A		
P4597-10	BLUE-2-2	Solid	2-Pentanone, 4-methoxy-4-methyl	*	48.900	J		
P4597-10	BLUE-2-2	Solid	3-Penten-2-one, 4-methyl-	*	94.600	A		
P4597-10	BLUE-2-2	Solid	Benzophenone	*	63.100	J		
P4597-10	BLUE-2-2	Solid	Butane, 2-methoxy-2-methyl-	*	680.000	J		
P4597-10	BLUE-2-2	Solid	n-Hexadecanoic acid	*	120.000	J		
P4597-10	BLUE-2-2	Solid	Pentadecafluorooctanoic acid, oct	*	78.300	J		
Total Tics :				1,344.90				
Total Concentration:				1,344.90				
Client ID : BP-F12								
P4598-01	BP-F12	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	66.400	A		
P4598-01	BP-F12	Solid	3-Penten-2-one, 4-methyl-	*	110.000	A		
P4598-01	BP-F12	Solid	9-Octadecenamide, (Z)-	*	65.300	J		
P4598-01	BP-F12	Solid	Benzophenone	*	210.000	J		
P4598-01	BP-F12	Solid	Butane, 2-methoxy-2-methyl-	*	920.000	J		

Hit Summary Sheet SW-846

SDG No.: BF102924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4598-01	BP-F12	Solid	Butyl hexadecyl ether	*	75.500	J		
P4598-01	BP-F12	Solid	Tridecanoic acid	*	100.000	J		
Total Tics :					1,547.20			
Total Concentration:					1,547.20			
Client ID : BP-F11								
P4598-05	BP-F11	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	260.000	A		
P4598-05	BP-F11	Solid	3-Penten-2-one, 4-methyl-	*	340.000	A		
P4598-05	BP-F11	Solid	Benzophenone	*	220.000	J		
P4598-05	BP-F11	Solid	Butane, 2-methoxy-2-methyl-	*	950.000	J		
P4598-05	BP-F11	Solid	Ethanol, 2-(tetradecyloxy)-	*	95.400	J		
P4598-05	BP-F11	Solid	n-Hexadecanoic acid	*	170.000	J		
Total Tics :					2,035.40			
Total Concentration:					2,035.40			



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.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:05

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	PB164461BL	132334	6.89	522078	8.17	293840	9.92
02	PB164461BS	127430	6.89	500801	8.17	278385	9.93
03	PT-TRIAZINE-SOIL	114288	6.89	452815	8.17	254415	9.92
04	BP-F-18	120255	6.89	471606	8.17	261580	9.92
05	BP-F-18MS	119078	6.89	468695	8.17	258838	9.93
06	BP-F-18MSD	121800	6.89	465155	8.17	256664	9.93
07	CONCRETE-1	120911	6.89	466864	8.17	255534	9.92
08	CONCRETE-2	119001	6.89	466279	8.17	261725	9.92
09	CONCRETE-3	116741	6.89	458109	8.17	254406	9.92
10	WB-305-BOT	120686	6.89	473213	8.17	267166	9.92
11	WB-305-BOT-1	122139	6.89	478188	8.17	267029	9.92
12	PB164497BL	131951	6.89	529341	8.17	309747	9.92
13	PB164497BS	134081	6.89	526800	8.17	296679	9.93
14	BP-F17	128284	6.89	516905	8.17	297540	9.92
15	BP-F17MS	132457	6.89	527177	8.17	297266	9.93
16	BP-F17MSD	136471	6.89	534539	8.17	298449	9.93
17	BLUE-2-1	129583	6.89	523406	8.17	298630	9.92
18	BP-F15	127733	6.89	507290	8.17	292876	9.92
19	BP-F11	129174	6.89	516877	8.17	290268	9.92
20	WC-2	131136	6.89	503166	8.17	260127	9.92
21	RED-1-1	125217	6.89	481788	8.17	246693	9.92
22	GRAVEL-1	126258	6.89	469909	8.17	223464	9.92
23	WB-305-TOP-1	121877	6.89	473789	8.17	240944	9.92



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 21:39

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	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	BP-F-19	124374	6.89	486569	8.17	249649	9.92
25	WC-3	120971	6.89	459316	8.17	236245	9.92
26	BP-F12	125215	6.89	488385	8.17	248126	9.92
27	RED-1-2	126824	6.89	480403	8.17	247294	9.92
28	BLUE-2-2	126449	6.89	478663	8.17	241095	9.92
29	TP-5	125413	6.89	486249	8.17	241517	9.92
30	PB164500BL	121260	6.89	475752	8.17	251906	9.92
31	PB164478TB	127237	6.89	499637	8.17	262397	9.92
32	PB164500BS	136623	6.89	537858	8.17	301173	9.93
33	RED-1-1	125621	6.89	488828	8.17	246659	9.92
34	RED-1-2	126659	6.89	501647	8.17	256654	9.92
35	TP-4	125591	6.89	480116	8.17	245651	9.92
36	TP-4MS	127559	6.89	485788	8.17	254836	9.93
37	TP-4MSD	136316	6.89	524655	8.17	282930	9.93
38	BP-F17	129375	6.89	507430	8.17	266364	9.92
39	BP-F16	126489	6.89	505147	8.17	267797	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 05:58

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	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.						

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.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF140100.D Time Analyzed: 10:05

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	138305	6.893	518016	8.18	286088	9.93
UPPER LIMIT	276610	7.393	1036032	8.675	572176	10.428
LOWER LIMIT	69152.5	6.393	259008	7.675	143044	9.428
EPA SAMPLE NO.						
01 PB164461BL	132334	6.89	522078	8.17	293840	9.92
02 PB164461BS	127430	6.89	500801	8.17	278385	9.93
03 PT-TRIAZINE-SOIL	114288	6.89	452815	8.17	254415	9.92
04 BP-F-18	120255	6.89	471606	8.17	261580	9.92
05 BP-F-18MS	119078	6.89	468695	8.17	258838	9.93
06 BP-F-18MSD	121800	6.89	465155	8.17	256664	9.93
07 CONCRETE-1	120911	6.89	466864	8.17	255534	9.92
08 CONCRETE-2	119001	6.89	466279	8.17	261725	9.92
09 CONCRETE-3	116741	6.89	458109	8.17	254406	9.92
10 WB-305-BOT	120686	6.89	473213	8.17	267166	9.92
11 WB-305-BOT-1	122139	6.89	478188	8.17	267029	9.92

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.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF140113.D Time Analyzed: 16:26

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	154336	6.892	582321	8.18	326390	9.93
	UPPER LIMIT	308672	7.392	1164642	8.675	652780	10.428
	LOWER LIMIT	77168	6.392	291160.5	7.675	163195	9.428
	EPA SAMPLE NO.						
01	PB164497BL	131951	6.89	529341	8.17	309747	9.92
02	PB164497BS	134081	6.89	526800	8.17	296679	9.93
03	BP-F17	128284	6.89	516905	8.17	297540	9.92
04	BP-F17MS	132457	6.89	527177	8.17	297266	9.93
05	BP-F17MSD	136471	6.89	534539	8.17	298449	9.93
06	BLUE-2-1	129583	6.89	523406	8.17	298630	9.92
07	BP-F15	127733	6.89	507290	8.17	292876	9.92
08	BP-F11	129174	6.89	516877	8.17	290268	9.92
09	WC-2	131136	6.89	503166	8.17	260127	9.92
10	RED-1-1	125217	6.89	481788	8.17	246693	9.92
11	GRAVEL-1	126258	6.89	469909	8.17	223464	9.92
12	WB-305-TOP-1	121877	6.89	473789	8.17	240944	9.92
13	BP-F-19	124374	6.89	486569	8.17	249649	9.92
14	WC-3	120971	6.89	459316	8.17	236245	9.92
15	BP-F12	125215	6.89	488385	8.17	248126	9.92
16	RED-1-2	126824	6.89	480403	8.17	247294	9.92
17	BLUE-2-2	126449	6.89	478663	8.17	241095	9.92
18	TP-5	125413	6.89	486249	8.17	241517	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF140113.D Time Analyzed: 23:49

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	154336	6.892	582321	8.18	326390	9.93
UPPER LIMIT	308672	7.392	1164642	8.675	652780	10.428
LOWER LIMIT	77168	6.392	291160.5	7.675	163195	9.428
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BF140133.D Time Analyzed: 02:04

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	138100	6.893	525538	8.18	277202	9.93
UPPER LIMIT	276200	7.393	1051076	8.675	554404	10.428
LOWER LIMIT	69050	6.393	262769	7.675	138601	9.428
EPA SAMPLE NO.						
01 PB164500BL	121260	6.89	475752	8.17	251906	9.92
02 PB164478TB	127237	6.89	499637	8.17	262397	9.92
03 PB164500BS	136623	6.89	537858	8.17	301173	9.93
04 RED-1-1	125621	6.89	488828	8.17	246659	9.92
05 RED-1-2	126659	6.89	501647	8.17	256654	9.92
06 TP-4	125591	6.89	480116	8.17	245651	9.92
07 TP-4MS	127559	6.89	485788	8.17	254836	9.93
08 TP-4MSD	136316	6.89	524655	8.17	282930	9.93
09 BP-F17	129375	6.89	507430	8.17	266364	9.92
10 BP-F16	126489	6.89	505147	8.17	267797	9.92

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.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 10:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	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	PB164461BL	532374	11.41	353787	14.05	265432	15.53
02	PB164461BS	513541	11.42	266065	14.05	256361	15.53
03	PT-TRIAZINE-SOIL	445374	11.41	216948	14.05	229298	15.53
04	BP-F-18	439763	11.41	220037	14.05	267262	15.53
05	BP-F-18MS	443678	11.42	213800	14.05	269959	15.53
06	BP-F-18MSD	439821	11.42	211408	14.05	270997	15.53
07	CONCRETE-1	394541	11.41	198199	14.06	254774	15.56
08	CONCRETE-2	448014	11.41	218815	14.06	264301	15.56
09	CONCRETE-3	440468	11.41	213228	14.06	264291	15.56
10	WB-305-BOT	461039	11.41	224689	14.06	271519	15.55
11	WB-305-BOT-1	461723	11.41	225154	14.06	268509	15.56
12	PB164497BL	594247	11.41	362694	14.06	299972	15.57
13	PB164497BS	541600	11.42	283467	14.07	279985	15.57
14	BP-F17	534250	11.41	284650	14.06	276233	15.56
15	BP-F17MS	510240	11.42	257285	14.06	279776	15.57
16	BP-F17MSD	515265	11.42	259907	14.06	284229	15.57
17	BLUE-2-1	522278	11.41	261589	14.06	276912	15.58
18	BP-F15	523762	11.41	267281	14.06	274638	15.56
19	BP-F11	491714	11.41	252944	14.06	281407	15.56
20	WC-2	377150	11.41	247934	14.06	240453	15.56
21	RED-1-1	351887	11.41	238166	14.06	239712	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 20:47

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	GRAVEL-1	282286 *	11.42	214709	14.07	209710	15.57
23	WB-305-TOP-1	345918	11.41	236214	14.05	244867	15.55
24	BP-F-19	350468	11.41	248754	14.05	237714	15.54
25	WC-3	335599	11.41	241022	14.06	228949	15.55
26	BP-F12	349852	11.41	245891	14.05	234454	15.54
27	RED-1-2	350317	11.41	259401	14.05	235722	15.54
28	BLUE-2-2	337373	11.41	254150	14.05	236900	15.54
29	TP-5	338082	11.41	258017	14.05	243228	15.54
30	PB164500BL	379497	11.41	263688	14.05	209364	15.53
31	PB164478TB	375636	11.41	259145	14.05	208644	15.53
32	PB164500BS	487755	11.42	271029	14.06	240894	15.53
33	RED-1-1	349061	11.41	265078	14.05	210669	15.53
34	RED-1-2	367001	11.41	252344	14.05	187953	15.53
35	TP-4	344252	11.41	255394	14.05	200557	15.53
36	TP-4MS	363078	11.42	244508	14.06	212975	15.54
37	TP-4MSD	439248	11.42	246770	14.06	211296	15.54
38	BP-F17	401322	11.41	255998	14.05	188586	15.53
39	BP-F16	404359	11.41	249311	14.05	183532	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BF139848.D Time Analyzed: 05:58

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	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.						

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.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF140100.D Time Analyzed: 10:05

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	513809	11.416	264357	14.051	264628	15.527
	UPPER LIMIT	1027618	11.916	528714	14.551	529256	16.027
	LOWER LIMIT	256904.5	10.916	132178.5	13.551	132314	15.027
	EPA SAMPLE NO.						
01	PB164461BL	532374	11.41	353787	14.05	265432	15.53
02	PB164461BS	513541	11.42	266065	14.05	256361	15.53
03	PT-TRIAZINE-SOIL	445374	11.41	216948	14.05	229298	15.53
04	BP-F-18	439763	11.41	220037	14.05	267262	15.53
05	BP-F-18MS	443678	11.42	213800	14.05	269959	15.53
06	BP-F-18MSD	439821	11.42	211408	14.05	270997	15.53
07	CONCRETE-1	394541	11.41	198199	14.06	254774	15.56
08	CONCRETE-2	448014	11.41	218815	14.06	264301	15.56
09	CONCRETE-3	440468	11.41	213228	14.06	264291	15.56
10	WB-305-BOT	461039	11.41	224689	14.06	271519	15.55
11	WB-305-BOT-1	461723	11.41	225154	14.06	268509	15.56

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.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF140113.D Time Analyzed: 16:26

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	563401	11.416	296186	14.074	329400	15.592
	UPPER LIMIT	1126802	11.916	592372	14.574	658800	16.092
	LOWER LIMIT	281700.5	10.916	148093	13.574	164700	15.092
	EPA SAMPLE NO.						
01	PB164497BL	594247	11.41	362694	14.06	299972	15.57
02	PB164497BS	541600	11.42	283467	14.07	279985	15.57
03	BP-F17	534250	11.41	284650	14.06	276233	15.56
04	BP-F17MS	510240	11.42	257285	14.06	279776	15.57
05	BP-F17MSD	515265	11.42	259907	14.06	284229	15.57
06	BLUE-2-1	522278	11.41	261589	14.06	276912	15.58
07	BP-F15	523762	11.41	267281	14.06	274638	15.56
08	BP-F11	491714	11.41	252944	14.06	281407	15.56
09	WC-2	377150	11.41	247934	14.06	240453	15.56
10	RED-1-1	351887	11.41	238166	14.06	239712	15.56
11	GRAVEL-1	282286	11.42	214709	14.07	209710	15.57
12	WB-305-TOP-1	345918	11.41	236214	14.05	244867	15.55
13	BP-F-19	350468	11.41	248754	14.05	237714	15.54
14	WC-3	335599	11.41	241022	14.06	228949	15.55
15	BP-F12	349852	11.41	245891	14.05	234454	15.54
16	RED-1-2	350317	11.41	259401	14.05	235722	15.54
17	BLUE-2-2	337373	11.41	254150	14.05	236900	15.54
18	TP-5	338082	11.41	258017	14.05	243228	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BF140113.D Time Analyzed: 23:49

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	563401	11.416	296186	14.074	329400	15.592
UPPER LIMIT	1126802	11.916	592372	14.574	658800	16.092
LOWER LIMIT	281700.5	10.916	148093	13.574	164700	15.092
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF102924 SAS No.: BF102924 SDG NO.: BF102924

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BF140133.D Time Analyzed: 02:04

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	403543	11.416	272891	14.057	265895	15.539
	UPPER LIMIT	807086	11.916	545782	14.557	531790	16.039
	LOWER LIMIT	201771.5	10.916	136445.5	13.557	132947.5	15.039
	EPA SAMPLE NO.						
01	PB164500BL	379497	11.41	263688	14.05	209364	15.53
02	PB164478TB	375636	11.41	259145	14.05	208644	15.53
03	PB164500BS	487755	11.42	271029	14.06	240894	15.53
04	RED-1-1	349061	11.41	265078	14.05	210669	15.53
05	RED-1-2	367001	11.41	252344	14.05	187953	15.53
06	TP-4	344252	11.41	255394	14.05	200557	15.53
07	TP-4MS	363078	11.42	244508	14.06	212975	15.54
08	TP-4MSD	439248	11.42	246770	14.06	211296	15.54
09	BP-F17	401322	11.41	255998	14.05	188586	15.53
10	BP-F16	404359	11.41	249311	14.05	183532	15.54

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.: **BF102924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164461BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	420	ug/Kg	25				10	133	
	Aniline	1700	1300	ug/Kg	76				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	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	1500	ug/Kg	88				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	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				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	550	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5600	ug/Kg	170		*		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	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	960	ug/Kg	56				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25000	ug/Kg	92				57	104	
	2,4-Dinitrophenol	3300	4300	ug/Kg	130		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164461BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3400	ug/Kg	100				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	2200	ug/Kg	129		*		76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				47	152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	1400	ug/Kg	42				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				54	135	
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164497BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	390	ug/Kg	23				10	133	
	Aniline	1700	1200	ug/Kg	71				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	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				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	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	540	ug/Kg	32				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				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	5500	ug/Kg	167		*		45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				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	870	ug/Kg	51				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	24500	ug/Kg	90				57	104	
	2,4-Dinitrophenol	3300	4200	ug/Kg	127				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164497BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				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	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	2200	ug/Kg	129		*		76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				47	152	
	Pentachlorophenol	3300	2900	ug/Kg	88				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	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	2100	ug/Kg	64				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2100	ug/Kg	124				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164500BS	n-Nitrosodimethylamine	50	41	ug/L	82				55	108	
	Pyridine	50	36.4	ug/L	73				29	97	
	Benzaldehyde	50	11.9	ug/L	24				10	162	
	Aniline	50	33.7	ug/L	67				10	130	
	Phenol	50	42.7	ug/L	85				66	118	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				62	103	
	2-Chlorophenol	50	44.9	ug/L	90				70	117	
	1,2-Dichlorobenzene	50	43.2	ug/L	86				72	102	
	1,3-Dichlorobenzene	50	41.4	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	41.5	ug/L	83				76	103	
	Benzyl Alcohol	50	45.4	ug/L	91				36	93	
	2-Methylphenol	50	44.2	ug/L	88				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.7	ug/L	87				65	100	
	Acetophenone	50	41.9	ug/L	84				60	104	
	3+4-Methylphenols	50	41.9	ug/L	84				67	106	
	N-Nitroso-di-n-propylamine	50	43.6	ug/L	87				57	107	
	Hexachloroethane	50	42.9	ug/L	86				76	118	
	Nitrobenzene	50	42.5	ug/L	85				58	106	
	Isophorone	50	44.5	ug/L	89				61	102	
	2-Nitrophenol	50	50.3	ug/L	101				70	115	
	2,4-Dimethylphenol	50	50.5	ug/L	101				42	142	
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87				58	109	
	2,4-Dichlorophenol	50	43.7	ug/L	87				66	115	
	1,2,4-Trichlorobenzene	50	41.6	ug/L	83				41	115	
	Benzoic acid	50	33.3	ug/L	67				10	125	
	Naphthalene	50	42	ug/L	84				64	107	
	4-Chloroaniline	50	14.7	ug/L	29				10	85	
	Hexachlorobutadiene	50	43.5	ug/L	87				69	101	
	Caprolactam	50	40.5	ug/L	81				58	128	
	4-Chloro-3-methylphenol	50	43.9	ug/L	88				65	114	
	2-Methylnaphthalene	50	43	ug/L	86				64	107	
	Hexachlorocyclopentadiene	100	130	ug/L	130				36	160	
	2,4,6-Trichlorophenol	50	42.9	ug/L	86				61	110	
	2,4,5-Trichlorophenol	50	41.4	ug/L	83				70	106	
	1,1-Biphenyl	50	42.5	ug/L	85				72	98	
	2-Chloronaphthalene	50	41.3	ug/L	83				59	106	
	2-Nitroaniline	50	49	ug/L	98				73	114	
	Dimethylphthalate	50	45.7	ug/L	91				64	103	
	Acenaphthylene	50	44.9	ug/L	90				79	103	
	2,6-Dinitrotoluene	50	45.1	ug/L	90				64	110	
	3-Nitroaniline	50	27.3	ug/L	55				28	100	
	Acenaphthene	50	44.4	ug/L	89				59	113	
	Total PAH	800	688.8	ug/L	86				59	113	
	2,4-Dinitrophenol	100	66.1	ug/L	66				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF102924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164500BS	4-Nitrophenol	100	76.4	ug/L	76				45	147	
	Dibenzofuran	50	42.4	ug/L	85				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	94.2	ug/L	94				60	115	
	2,4-Dinitrotoluene	50	49.1	ug/L	98				60	115	
	Diethylphthalate	50	44.8	ug/L	90				63	105	
	4-Chlorophenyl-phenylether	50	43.1	ug/L	86				61	104	
	Fluorene	50	41.3	ug/L	83				64	107	
	4-Nitroaniline	50	43.1	ug/L	86				55	125	
	4,6-Dinitro-2-methylphenol	50	39.9	ug/L	80				62	132	
	N-Nitrosodiphenylamine	50	46	ug/L	92				61	109	
	Azobenzene	50	42	ug/L	84				59	106	
	4-Bromophenyl-phenylether	50	47.1	ug/L	94				73	103	
	Hexachlorobenzene	50	44.7	ug/L	89				73	106	
	Atrazine	50	55.6	ug/L	111				76	120	
	Pentachlorophenol	100	69.8	ug/L	70				47	114	
	Phenanthrene	50	43.2	ug/L	86				62	109	
	Anthracene	50	45.4	ug/L	91				65	110	
	Carbazole	50	41.2	ug/L	82				62	106	
	Di-n-butylphthalate	50	48.7	ug/L	97				64	106	
	Fluoranthene	50	40.4	ug/L	81				64	110	
	Benzidine	100	43.8	ug/L	44				10	94	
	Pyrene	50	39.7	ug/L	79				71	103	
	Butylbenzylphthalate	50	55.6	ug/L	111		*		61	105	
	3,3-Dichlorobenzidine	50	29.5	ug/L	59				43	108	
	Benzo(a)anthracene	50	44.8	ug/L	90				62	107	
	Chrysene	50	46.7	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	63.5	ug/L	127		*		59	110	
	Di-n-octyl phthalate	50	58.1	ug/L	116				52	139	
	Benzo(b)fluoranthene	50	47.3	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	52.3	ug/L	105				77	105	
	Benzo(a)pyrene	50	48.9	ug/L	98				72	131	
	Indeno(1,2,3-cd)pyrene	50	37.3	ug/L	75				72	105	
	Dibenz(a,h)anthracene	50	37.2	ug/L	74		*		78	115	
	Benzo(g,h,i)perylene	50	33	ug/L	66		*		75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.4	ug/L	87				72	101	
	1,4-Dioxane	50	33.7	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	40.7	ug/L	81				63	116	
	1-Methylnaphthalene	50	41	ug/L	82				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PT-TRIAZINE-SOIL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102924

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140103.D

Lab Sample ID: P4495-12

Instrument ID: BNA_F

Date Extracted: 10/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 11:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PT-TRIAZINE-SOIL	P4495-12	BF140103.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164461BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102924

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140101.D

Lab Sample ID: PB164461BL

Instrument ID: BNA_F

Date Extracted: 10/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 10:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164461BS	PB164461BS	BF140102.D	10/29/2024
WC-2	P4567-05	BF140122.D	10/29/2024
BP-F-18	P4561-05	BF140104.D	10/29/2024
BP-F-18MS	P4561-05MS	BF140105.D	10/29/2024
BP-F-18MSD	P4561-05MSD	BF140106.D	10/29/2024
CONCRETE-1	P4574-07	BF140107.D	10/29/2024
CONCRETE-2	P4574-09	BF140108.D	10/29/2024
CONCRETE-3	P4574-11	BF140109.D	10/29/2024
WB-305-BOT	P4578-05	BF140110.D	10/29/2024
WB-305-BOT-1	P4578-07	BF140111.D	10/29/2024
GRAVEL-1	P4574-01	BF140124.D	10/29/2024
WB-305-TOP-1	P4578-04	BF140125.D	10/29/2024
BP-F-19	P4561-01	BF140126.D	10/29/2024
WC-3	P4567-09	BF140127.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164497BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102924

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140114.D

Lab Sample ID: PB164497BL

Instrument ID: BNA_F

Date Extracted: 10/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 16:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164497BS	PB164497BS	BF140115.D	10/29/2024
BP-F17	P4594-05	BF140116.D	10/29/2024
BP-F17MS	P4594-05MS	BF140117.D	10/29/2024
BP-F17MSD	P4594-05MSD	BF140118.D	10/29/2024
BLUE-2-1	P4597-07	BF140119.D	10/29/2024
BP-F15	P4594-17	BF140120.D	10/29/2024
BP-F11	P4598-05	BF140121.D	10/29/2024
BP-F12	P4598-01	BF140128.D	10/29/2024
RED-1-2	P4597-04	BF140129.D	10/29/2024
BLUE-2-2	P4597-10	BF140130.D	10/29/2024
TP-5	P4594-13	BF140131.D	10/29/2024
RED-1-1	P4597-01	BF140123.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164500BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF102924SAS No.: BF102924 SDG NO.: BF102924Lab File ID: BF140134.DLab Sample ID: PB164500BLInstrument ID: BNA_FDate Extracted: 10/29/2024Matrix: (soil/water) waterDate Analyzed: 10/30/2024Level: (low/med) LOWTime Analyzed: 02:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164478TB	PB164478TB	BF140135.D	10/30/2024
PB164500BS	PB164500BS	BF140136.D	10/30/2024
RED-1-1	P4597-03	BF140137.D	10/30/2024
RED-1-2	P4597-06	BF140138.D	10/30/2024
TP-4	P4594-04	BF140139.D	10/30/2024
TP-4MS	P4594-04MS	BF140140.D	10/30/2024
TP-4MSD	P4594-04MSD	BF140141.D	10/30/2024
BP-F17	P4594-08	BF140142.D	10/30/2024
BP-F16	P4594-12	BF140143.D	10/30/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4594-05MS		Client Sample ID: BP-F17MS		DataFile: BF140117.D							
n-Nitrosodimethylamine	1100		950	ug/Kg	86				66	124	
Pyridine	1100		900	ug/Kg	82				45	119	
Benzaldehyde	1100		270	ug/Kg	25				10	86	
Aniline	1100		840	ug/Kg	76				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				54	125	
2-Chlorophenol	1100		1100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		980	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1100		990	ug/Kg	90				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91				65	110	
Acetophenone	1100		980	ug/Kg	89				75	111	
3+4-Methylphenols	1100		1000	ug/Kg	91				66	104	
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				44	135	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		980	ug/Kg	89				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100		990	ug/Kg	90				72	110	
4-Chloroaniline	1100		370	ug/Kg	34				10	91	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2200		3400	ug/Kg	155				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1200	ug/Kg	109				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		620	ug/Kg	56				30	99	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		16930	ug/Kg	96				70	121	
2,4-Dinitrophenol	2200		2900	ug/Kg	132				10	155	
4-Nitrophenol	2200		2100	ug/Kg	95				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105				55	128	
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1600	ug/Kg	145				10	160	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2200		2100	ug/Kg	95				47	128	
Phenanthrene	1100		1000	ug/Kg	91				52	128	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		980	ug/Kg	89				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		960	ug/Kg	87				44	125	
Benzydine	2200		1600	ug/Kg	73				10	119	
Pyrene	1100		1000	ug/Kg	91				26	142	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		780	ug/Kg	71				33	116	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1500	ug/Kg	136				42	169	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				23	175	
Benzo(b)fluoranthene	1100		980	ug/Kg	89				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100		1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100		1000	ug/Kg	91				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		850	ug/Kg	77				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				69	112	
1-Methylnaphthalene	1100		980	ug/Kg	89				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4594-05MSD		Client Sample ID: BP-F17MSD		DataFile: BF140118.D							
n-Nitrosodimethylamine	1100		860	ug/Kg	78		10		66	124	20
Pyridine	1100		810	ug/Kg	74		10		45	119	20
Benzaldehyde	1100		250	ug/Kg	23		8		10	86	20
Aniline	1100		790	ug/Kg	72		5		10	88	20
Phenol	1100		950	ug/Kg	86		6		67	126	20
bis(2-Chloroethyl)ether	1100		940	ug/Kg	85		7		54	125	20
2-Chlorophenol	1100		950	ug/Kg	86		15		79	107	20
1,2-Dichlorobenzene	1100		940	ug/Kg	85		7		61	105	20
1,3-Dichlorobenzene	1100		900	ug/Kg	82		8		62	101	20
1,4-Dichlorobenzene	1100		910	ug/Kg	83		8		63	104	20
Benzyl Alcohol	1100		990	ug/Kg	90		11		47	126	20
2-Methylphenol	1100		960	ug/Kg	87		14		66	122	20
2,2-oxybis(1-Chloropropane)	1100		940	ug/Kg	85		7		65	110	20
Acetophenone	1100		910	ug/Kg	83		7		75	111	20
3+4-Methylphenols	1100		920	ug/Kg	84		8		66	104	20
N-Nitroso-di-n-propylamine	1100		940	ug/Kg	85		7		59	119	20
Hexachloroethane	1100		930	ug/Kg	85		7		65	117	20
Nitrobenzene	1100		930	ug/Kg	85		7		70	119	20
Isophorone	1100		980	ug/Kg	89		12		76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100		9		54	145	20
2,4-Dimethylphenol	1100		1100	ug/Kg	100		9		44	135	20
bis(2-Chloroethoxy)methane	1100		950	ug/Kg	86		6		68	112	20
2,4-Dichlorophenol	1100		960	ug/Kg	87		4		72	118	20
1,2,4-Trichlorobenzene	1100		900	ug/Kg	82		8		57	103	20
Benzoic acid	1100		940	ug/Kg	85		7		50	104	20
Naphthalene	1100		920	ug/Kg	84		7		72	110	20
4-Chloroaniline	1100		350	ug/Kg	32		6		10	91	20
Hexachlorobutadiene	1100		950	ug/Kg	86		6		66	114	20
Caprolactam	1100		990	ug/Kg	90		11		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		12		57	132	20
2-Methylnaphthalene	1100		950	ug/Kg	86		6		59	123	20
Hexachlorocyclopentadiene	2200		3100	ug/Kg	141		9		10	175	20
2,4,6-Trichlorophenol	1100		990	ug/Kg	90		11		72	117	20
2,4,5-Trichlorophenol	1100		980	ug/Kg	89		12		72	117	20
1,1-Biphenyl	1100		950	ug/Kg	86		6		75	113	20
2-Chloronaphthalene	1100		930	ug/Kg	85		7		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		9		69	127	20
Dimethylphthalate	1100		1000	ug/Kg	91		9		70	113	20
Acenaphthylene	1100		1000	ug/Kg	91		9		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		9		70	125	20
3-Nitroaniline	1100		600	ug/Kg	55		2		30	99	20
Acenaphthene	1100		1100	ug/Kg	100		9		70	121	20
Total PAH	17600		15660	ug/Kg	89		8		70	121	20
2,4-Dinitrophenol	2200		2700	ug/Kg	123		7		10	155	20
4-Nitrophenol	2200		2000	ug/Kg	91		4		45	133	20
Dibenzofuran	1100		950	ug/Kg	86		6		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		10		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
Diethylphthalate	1100		1000	ug/Kg	91		9		70	112	20
4-Chlorophenyl-phenylether	1100		960	ug/Kg	87		4		71	108	20
Fluorene	1100		960	ug/Kg	87		4		68	116	20
4-Nitroaniline	1100		990	ug/Kg	90		11		55	120	20
4,6-Dinitro-2-methylphenol	1100		1500	ug/Kg	136		6		10	160	20
N-Nitrosodiphenylamine	1100		990	ug/Kg	90		11		73	118	20
Azobenzene	1100		1100	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		9		65	121	20
Hexachlorobenzene	1100		980	ug/Kg	89		2		67	118	20
Atrazine	1100		1200	ug/Kg	109		8		79	127	20
Pentachlorophenol	2200		1900	ug/Kg	86		10		47	128	20
Phenanthrene	1100		960	ug/Kg	87		4		52	128	20
Anthracene	1100		1000	ug/Kg	91		9		62	124	20
Carbazole	1100		900	ug/Kg	82		8		59	119	20
Di-n-butylphthalate	1100		1000	ug/Kg	91		9		69	118	20
Fluoranthene	1100		880	ug/Kg	80		8		44	125	20
Benzydine	2200		1500	ug/Kg	68		7		10	119	20
Pyrene	1100		940	ug/Kg	85		7		26	142	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		8		64	126	20
3,3-Dichlorobenzidine	1100		740	ug/Kg	67		6		33	116	20
Benzo(a)anthracene	1100		990	ug/Kg	90		11		71	114	20
Chrysene	1100		990	ug/Kg	90		11		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1300	ug/Kg	118		14		42	169	20
Di-n-octyl phthalate	1100		1200	ug/Kg	109		8		23	175	20
Benzo(b)fluoranthene	1100		960	ug/Kg	87		2		67	121	20
Benzo(k)fluoranthene	1100		970	ug/Kg	88		13		57	134	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91		9		40	129	20
Dibenz(a,h)anthracene	1100		990	ug/Kg	90		11		43	123	20
Benzo(g,h,i)perylene	1100		900	ug/Kg	82		10		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		950	ug/Kg	86		6		69	124	20
1,4-Dioxane	1100		780	ug/Kg	71		8		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		9		69	112	20
1-Methylnaphthalene	1100		900	ug/Kg	82		8		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4561-05MS		Client Sample ID: BP-F-18MS		DataFile: BF140105.D							
n-Nitrosodimethylamine	1200		970	ug/Kg	81				66	124	
Pyridine	1200		930	ug/Kg	78				45	119	
Benzaldehyde	1200		290	ug/Kg	24				10	86	
Aniline	1200		730	ug/Kg	61				10	88	
Phenol	1200		1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				54	125	
2-Chlorophenol	1200		1100	ug/Kg	92				79	107	
1,2-Dichlorobenzene	1200		1100	ug/Kg	92				61	105	
1,3-Dichlorobenzene	1200		1000	ug/Kg	83				62	101	
1,4-Dichlorobenzene	1200		1000	ug/Kg	83				63	104	
Benzyl Alcohol	1200		1100	ug/Kg	92				47	126	
2-Methylphenol	1200		1100	ug/Kg	92				66	122	
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92				65	110	
Acetophenone	1200		1000	ug/Kg	83				75	111	
3+4-Methylphenols	1200		1000	ug/Kg	83				66	104	
N-Nitroso-di-n-propylamine	1200		1100	ug/Kg	92				59	119	
Hexachloroethane	1200		1100	ug/Kg	92				65	117	
Nitrobenzene	1200		1000	ug/Kg	83				70	119	
Isophorone	1200		1100	ug/Kg	92				76	122	
2-Nitrophenol	1200		1300	ug/Kg	108				54	145	
2,4-Dimethylphenol	1200		1200	ug/Kg	100				44	135	
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		1000	ug/Kg	83				72	110	
4-Chloroaniline	1200		280	ug/Kg	23				10	91	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200		1100	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2300		3900	ug/Kg	170				10	175	
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1100	ug/Kg	92				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				69	127	
Dimethylphthalate	1200		1100	ug/Kg	92				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		1100	ug/Kg	92				70	125	
3-Nitroaniline	1200		600	ug/Kg	50				30	99	
Acenaphthene	1200		1200	ug/Kg	100				70	121	
Total PAH	19200		16860	ug/Kg	88				70	121	
2,4-Dinitrophenol	2300		3100	ug/Kg	135				10	155	
4-Nitrophenol	2300		2300	ug/Kg	100				45	133	
Dibenzofuran	1200		1100	ug/Kg	92				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2300	ug/Kg	96				55	128	
Diethylphthalate	1200		1100	ug/Kg	92				70	112	
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92				71	108	
Fluorene	1200		1100	ug/Kg	92				68	116	
4-Nitroaniline	1200		1100	ug/Kg	92				55	120	
4,6-Dinitro-2-methylphenol	1200		1700	ug/Kg	142				10	160	
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92				73	118	
Azobenzene	1200		1200	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1100	ug/Kg	92				67	118	
Atrazine	1200		1300	ug/Kg	108				79	127	
Pentachlorophenol	2300		2200	ug/Kg	96				47	128	
Phenanthrene	1200		1100	ug/Kg	92				52	128	
Anthracene	1200		1100	ug/Kg	92				62	124	
Carbazole	1200		1000	ug/Kg	83				59	119	
Di-n-butylphthalate	1200		1100	ug/Kg	92				69	118	
Fluoranthene	1200		940	ug/Kg	78				44	125	
Benzydine	2300		1200	ug/Kg	52				10	119	
Pyrene	1200		1000	ug/Kg	83				26	142	
Butylbenzylphthalate	1200		1300	ug/Kg	108				64	126	
3,3-Dichlorobenzidine	1200		690	ug/Kg	58				33	116	
Benzo(a)anthracene	1200		1100	ug/Kg	92				71	114	
Chrysene	1200		1100	ug/Kg	92				57	121	
bis(2-Ethylhexyl)phthalate	1200		1500	ug/Kg	125				42	169	
Di-n-octyl phthalate	1200		1300	ug/Kg	108				23	175	
Benzo(b)fluoranthene	1200		1000	ug/Kg	83				67	121	
Benzo(k)fluoranthene	1200		1100	ug/Kg	92				57	134	
Benzo(a)pyrene	1200		1200	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1200		990	ug/Kg	83				40	129	
Dibenz(a,h)anthracene	1200		1000	ug/Kg	83				43	123	
Benzo(g,h,i)perylene	1200		830	ug/Kg	69				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92				69	124	
1,4-Dioxane	1200		890	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92				69	112	
1-Methylnaphthalene	1200		1000	ug/Kg	83				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4561-05MSD		Client Sample ID: BP-F-18MSD		DataFile: BF140106.D							
n-Nitrosodimethylamine	1200		920	ug/Kg	77		5		66	124	20
Pyridine	1200		920	ug/Kg	77		1		45	119	20
Benzaldehyde	1200		280	ug/Kg	23		4		10	86	20
Aniline	1200		720	ug/Kg	60		2		10	88	20
Phenol	1200		1100	ug/Kg	92		0		67	126	20
bis(2-Chloroethyl)ether	1200		1000	ug/Kg	83		10		54	125	20
2-Chlorophenol	1200		1100	ug/Kg	92		0		79	107	20
1,2-Dichlorobenzene	1200		1000	ug/Kg	83		10		61	105	20
1,3-Dichlorobenzene	1200		1000	ug/Kg	83		0		62	101	20
1,4-Dichlorobenzene	1200		1000	ug/Kg	83		0		63	104	20
Benzyl Alcohol	1200		1100	ug/Kg	92		0		47	126	20
2-Methylphenol	1200		1000	ug/Kg	83		10		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1000	ug/Kg	83		10		65	110	20
Acetophenone	1200		1000	ug/Kg	83		0		75	111	20
3+4-Methylphenols	1200		1000	ug/Kg	83		0		66	104	20
N-Nitroso-di-n-propylamine	1200		1000	ug/Kg	83		10		59	119	20
Hexachloroethane	1200		1100	ug/Kg	92		0		65	117	20
Nitrobenzene	1200		1000	ug/Kg	83		0		70	119	20
Isophorone	1200		1100	ug/Kg	92		0		76	122	20
2-Nitrophenol	1200		1300	ug/Kg	108		0		54	145	20
2,4-Dimethylphenol	1200		1200	ug/Kg	100		0		44	135	20
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92		0		68	112	20
2,4-Dichlorophenol	1200		1100	ug/Kg	92		0		72	118	20
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83		0		57	103	20
Benzoic acid	1200		1100	ug/Kg	92		0		50	104	20
Naphthalene	1200		1000	ug/Kg	83		0		72	110	20
4-Chloroaniline	1200		270	ug/Kg	23		0		10	91	20
Hexachlorobutadiene	1200		1100	ug/Kg	92		0		66	114	20
Caprolactam	1200		1100	ug/Kg	92		0		51	134	20
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92		0		57	132	20
2-Methylnaphthalene	1200		1100	ug/Kg	92		0		59	123	20
Hexachlorocyclopentadiene	2300		3700	ug/Kg	161		5		10	175	20
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92		0		72	117	20
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92		0		72	117	20
1,1-Biphenyl	1200		1100	ug/Kg	92		0		75	113	20
2-Chloronaphthalene	1200		1100	ug/Kg	92		0		67	118	20
2-Nitroaniline	1200		1200	ug/Kg	100		0		69	127	20
Dimethylphthalate	1200		1100	ug/Kg	92		0		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		0		79	118	20
2,6-Dinitrotoluene	1200		1100	ug/Kg	92		0		70	125	20
3-Nitroaniline	1200		590	ug/Kg	49		2		30	99	20
Acenaphthene	1200		1200	ug/Kg	100		0		70	121	20
Total PAH	19200		16780	ug/Kg	87		1		70	121	20
2,4-Dinitrophenol	2300		3100	ug/Kg	135		0		10	155	20
4-Nitrophenol	2300		2300	ug/Kg	100		0		45	133	20
Dibenzofuran	1200		1100	ug/Kg	92		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2300	ug/Kg	96		0		55	128	20
Diethylphthalate	1200		1100	ug/Kg	92		0		70	112	20
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92		0		71	108	20
Fluorene	1200		1100	ug/Kg	92		0		68	116	20
4-Nitroaniline	1200		1100	ug/Kg	92		0		55	120	20
4,6-Dinitro-2-methylphenol	1200		1700	ug/Kg	142		0		10	160	20
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92		0		73	118	20
Azobenzene	1200		1200	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92		0		65	121	20
Hexachlorobenzene	1200		1100	ug/Kg	92		0		67	118	20
Atrazine	1200		1300	ug/Kg	108		0		79	127	20
Pentachlorophenol	2300		2100	ug/Kg	91		5		47	128	20
Phenanthrene	1200		1100	ug/Kg	92		0		52	128	20
Anthracene	1200		1100	ug/Kg	92		0		62	124	20
Carbazole	1200		1000	ug/Kg	83		0		59	119	20
Di-n-butylphthalate	1200		1100	ug/Kg	92		0		69	118	20
Fluoranthene	1200		930	ug/Kg	78		0		44	125	20
Benzydine	2300		1200	ug/Kg	52		0		10	119	20
Pyrene	1200		1000	ug/Kg	83		0		26	142	20
Butylbenzylphthalate	1200		1300	ug/Kg	108		0		64	126	20
3,3-Dichlorobenzidine	1200		730	ug/Kg	61		5		33	116	20
Benzo(a)anthracene	1200		1100	ug/Kg	92		0		71	114	20
Chrysene	1200		1100	ug/Kg	92		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1400	ug/Kg	117		7		42	169	20
Di-n-octyl phthalate	1200		1300	ug/Kg	108		0		23	175	20
Benzo(b)fluoranthene	1200		1000	ug/Kg	83		0		67	121	20
Benzo(k)fluoranthene	1200		1100	ug/Kg	92		0		57	134	20
Benzo(a)pyrene	1200		1200	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200		970	ug/Kg	81		2		40	129	20
Dibenz(a,h)anthracene	1200		970	ug/Kg	81		2		43	123	20
Benzo(g,h,i)perylene	1200		810	ug/Kg	68		1		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92		0		69	124	20
1,4-Dioxane	1200		860	ug/Kg	72		3		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92		0		69	112	20
1-Methylnaphthalene	1200		1000	ug/Kg	83		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4594-04MS		Client Sample ID: TP-4MS		DataFile: BF140140.D							
n-Nitrosodimethylamine	500		330	ug/L	66				10	130	
Pyridine	500		220	ug/L	44				10	109	
Benzaldehyde	500		66.9	ug/L	13				10	137	
Aniline	500		190	ug/L	38				10	130	
Phenol	500		360	ug/L	72				10	130	
bis(2-Chloroethyl)ether	500		370	ug/L	74				29	141	
2-Chlorophenol	500		390	ug/L	78				23	127	
1,2-Dichlorobenzene	500		300	ug/L	60	*			61	114	
1,3-Dichlorobenzene	500		280	ug/L	56	*			65	106	
1,4-Dichlorobenzene	500		290	ug/L	58				55	125	
Benzyl Alcohol	500		410	ug/L	82				31	94	
2-Methylphenol	500		410	ug/L	82				37	126	
2,2-oxybis(1-Chloropropane)	500		360	ug/L	72				36	141	
Acetophenone	500		380	ug/L	76				31	164	
3+4-Methylphenols	500		390	ug/L	78				31	127	
N-Nitroso-di-n-propylamine	500		400	ug/L	80				36	147	
Hexachloroethane	500		280	ug/L	56				49	110	
Nitrobenzene	500		380	ug/L	76				62	112	
Isophorone	500		430	ug/L	86				39	146	
2-Nitrophenol	500		470	ug/L	94				30	148	
2,4-Dimethylphenol	500		480	ug/L	96				17	143	
bis(2-Chloroethoxy)methane	500		410	ug/L	82				39	143	
2,4-Dichlorophenol	500		430	ug/L	86				22	146	
1,2,4-Trichlorobenzene	500		350	ug/L	70				66	110	
Benzoic acid	500		290	ug/L	58				10	101	
Naphthalene	500		370	ug/L	74				17	157	
4-Chloroaniline	500		110	ug/L	22				10	95	
Hexachlorobutadiene	500		350	ug/L	70				52	125	
Caprolactam	500		340	ug/L	68				10	130	
4-Chloro-3-methylphenol	500		430	ug/L	86				17	148	
2-Methylnaphthalene	500		400	ug/L	80				38	146	
Hexachlorocyclopentadiene	1000		1000	ug/L	100				20	153	
2,4,6-Trichlorophenol	500		450	ug/L	90				78	112	
2,4,5-Trichlorophenol	500		430	ug/L	86				71	111	
1,1-Biphenyl	500		440	ug/L	88				38	154	
2-Chloronaphthalene	500		420	ug/L	84				41	145	
2-Nitroaniline	500		490	ug/L	98				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		460	ug/L	92				40	141	
2,6-Dinitrotoluene	500		460	ug/L	92				43	148	
3-Nitroaniline	500		270	ug/L	54				10	111	
Acenaphthene	500		450	ug/L	90				37	146	
Total PAH	8000		7110	ug/L	89				37	146	
2,4-Dinitrophenol	1000		490	ug/L	49				14	167	
4-Nitrophenol	1000		670	ug/L	67				10	130	
Dibenzofuran	500		440	ug/L	88				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		940	ug/L	94				50	142	
2,4-Dinitrotoluene	500		480	ug/L	96				50	142	
Diethylphthalate	500		470	ug/L	94				41	148	
4-Chlorophenyl-phenylether	500		450	ug/L	90				38	149	
Fluorene	500		420	ug/L	84				39	144	
4-Nitroaniline	500		370	ug/L	74				27	138	
4,6-Dinitro-2-methylphenol	500		350	ug/L	70				32	175	
N-Nitrosodiphenylamine	500		520	ug/L	104				40	150	
Azobenzene	500		430	ug/L	86				72	112	
4-Bromophenyl-phenylether	500		530	ug/L	106				42	151	
Hexachlorobenzene	500		490	ug/L	98				72	115	
Atrazine	500		490	ug/L	98				20	162	
Pentachlorophenol	1000		730	ug/L	73				25	139	
Phenanthrene	500		470	ug/L	94				40	147	
Anthracene	500		480	ug/L	96				41	146	
Carbazole	500		430	ug/L	86				37	154	
Di-n-butylphthalate	500		520	ug/L	104				40	151	
Fluoranthene	500		440	ug/L	88				42	146	
Benzidine	1000		56.7	ug/L	6	*			10	130	
Pyrene	500		360	ug/L	72				41	149	
Butylbenzylphthalate	500		520	ug/L	104				39	155	
3,3-Dichlorobenzidine	500		270	ug/L	54				10	114	
Benzo(a)anthracene	500		470	ug/L	94				41	147	
Chrysene	500		490	ug/L	98				44	144	
bis(2-Ethylhexyl)phthalate	500		650	ug/L	130				33	160	
Di-n-octyl phthalate	500		640	ug/L	128				36	158	
Benzo(b)fluoranthene	500		500	ug/L	100				40	150	
Benzo(k)fluoranthene	500		560	ug/L	112				40	147	
Benzo(a)pyrene	500		520	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	500		390	ug/L	78				30	166	
Dibenz(a,h)anthracene	500		390	ug/L	78				23	172	
Benzo(g,h,i)perylene	500		340	ug/L	68				27	167	
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*			89	102	
1,4-Dioxane	500		270	ug/L	54				38	130	
2,3,4,6-Tetrachlorophenol	500		410	ug/L	82	*			91	111	
1-Methylnaphthalene	500		380	ug/L	76				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4594-04MSD	Client Sample ID:	TP-4MSD					DataFile:	BF140141.D		
n-Nitrosodimethylamine	500		340	ug/L	68		3		10	130	20
Pyridine	500		260	ug/L	52		17		10	109	20
Benzaldehyde	500		67.3	ug/L	13		0		10	137	20
Aniline	500		220	ug/L	44		15		10	130	20
Phenol	500		370	ug/L	74		3		10	130	20
bis(2-Chloroethyl)ether	500		380	ug/L	76		3		29	141	20
2-Chlorophenol	500		410	ug/L	82		5		23	127	20
1,2-Dichlorobenzene	500		310	ug/L	62		3		61	114	20
1,3-Dichlorobenzene	500		290	ug/L	58	*	4		65	106	20
1,4-Dichlorobenzene	500		290	ug/L	58		0		55	125	20
Benzyl Alcohol	500		420	ug/L	84		2		31	94	20
2-Methylphenol	500		420	ug/L	84		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		370	ug/L	74		3		36	141	20
Acetophenone	500		390	ug/L	78		3		31	164	20
3+4-Methylphenols	500		410	ug/L	82		5		31	127	20
N-Nitroso-di-n-propylamine	500		420	ug/L	84		5		36	147	20
Hexachloroethane	500		290	ug/L	58		4		49	110	20
Nitrobenzene	500		390	ug/L	78		3		62	112	20
Isophorone	500		440	ug/L	88		2		39	146	20
2-Nitrophenol	500		490	ug/L	98		4		30	148	20
2,4-Dimethylphenol	500		500	ug/L	100		4		17	143	20
bis(2-Chloroethoxy)methane	500		420	ug/L	84		2		39	143	20
2,4-Dichlorophenol	500		440	ug/L	88		2		22	146	20
1,2,4-Trichlorobenzene	500		350	ug/L	70		0		66	110	20
Benzoic acid	500		340	ug/L	68		16		10	101	20
Naphthalene	500		370	ug/L	74		0		17	157	20
4-Chloroaniline	500		110	ug/L	22		0		10	95	20
Hexachlorobutadiene	500		350	ug/L	70		0		52	125	20
Caprolactam	500		380	ug/L	76		11		10	130	20
4-Chloro-3-methylphenol	500		450	ug/L	90		5		17	148	20
2-Methylnaphthalene	500		420	ug/L	84		5		38	146	20
Hexachlorocyclopentadiene	1000		1100	ug/L	110		10		20	153	20
2,4,6-Trichlorophenol	500		460	ug/L	92		2		78	112	20
2,4,5-Trichlorophenol	500		450	ug/L	90		5		71	111	20
1,1-Biphenyl	500		440	ug/L	88		0		38	154	20
2-Chloronaphthalene	500		430	ug/L	86		2		41	145	20
2-Nitroaniline	500		510	ug/L	102		4		39	151	20
Dimethylphthalate	500		500	ug/L	100		2		42	147	20
Acenaphthylene	500		470	ug/L	94		2		40	141	20
2,6-Dinitrotoluene	500		490	ug/L	98		6		43	148	20
3-Nitroaniline	500		250	ug/L	50		8		10	111	20
Acenaphthene	500		470	ug/L	94		4		37	146	20
Total PAH	8000		7300	ug/L	91		2		37	146	20
2,4-Dinitrophenol	1000		700	ug/L	70		35	*	14	167	20
4-Nitrophenol	1000		730	ug/L	73		9		10	130	20
Dibenzofuran	500		450	ug/L	90		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1010	ug/L	101		7		50	142	20
2,4-Dinitrotoluene	500		520	ug/L	104		8		50	142	20
Diethylphthalate	500		490	ug/L	98		4		41	148	20
4-Chlorophenyl-phenylether	500		460	ug/L	92		2		38	149	20
Fluorene	500		440	ug/L	88		5		39	144	20
4-Nitroaniline	500		420	ug/L	84		13		27	138	20
4,6-Dinitro-2-methylphenol	500		440	ug/L	88		23	*	32	175	20
N-Nitrosodiphenylamine	500		510	ug/L	102		2		40	150	20
Azobenzene	500		450	ug/L	90		5		72	112	20
4-Bromophenyl-phenylether	500		520	ug/L	104		2		42	151	20
Hexachlorobenzene	500		490	ug/L	98		0		72	115	20
Atrazine	500		460	ug/L	92		6		20	162	20
Pentachlorophenol	1000		770	ug/L	77		5		25	139	20
Phenanthrene	500		470	ug/L	94		0		40	147	20
Anthracene	500		480	ug/L	96		0		41	146	20
Carbazole	500		420	ug/L	84		2		37	154	20
Di-n-butylphthalate	500		530	ug/L	106		2		40	151	20
Fluoranthene	500		420	ug/L	84		5		42	146	20
Benzidine	1000		51.1	ug/L	5	*	18		10	130	20
Pyrene	500		410	ug/L	82		13		41	149	20
Butylbenzylphthalate	500		570	ug/L	114		9		39	155	20
3,3-Dichlorobenzidine	500		240	ug/L	48		12		10	114	20
Benzo(a)anthracene	500		490	ug/L	98		4		41	147	20
Chrysene	500		510	ug/L	102		4		44	144	20
bis(2-Ethylhexyl)phthalate	500		690	ug/L	138		6		33	160	20
Di-n-octyl phthalate	500		650	ug/L	130		2		36	158	20
Benzo(b)fluoranthene	500		500	ug/L	100		0		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		5		40	147	20
Benzo(a)pyrene	500		530	ug/L	106		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		400	ug/L	80		3		30	166	20
Dibenz(a,h)anthracene	500		400	ug/L	80		3		23	172	20
Benzo(g,h,i)perylene	500		350	ug/L	70		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		440	ug/L	88	*	0		89	102	20
1,4-Dioxane	500		260	ug/L	52		4		38	130	20
2,3,4,6-Tetrachlorophenol	500		440	ug/L	88	*	7		91	111	20
1-Methylnaphthalene	500		400	ug/L	80		5		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4495-12	PT-TRIAZINE-SOIBF140103.D		2-Fluorophenol	150	84.41	56		18	112
			Phenol-d6	150	85.90	57		15	107
			Nitrobenzene-d5	100	66.55	67		18	107
			2-Fluorobiphenyl	100	66.62	67		20	109
			2,4,6-Tribromophenol	150	109.79	73		10	116
			Terphenyl-d14	100	81.55	82		10	105

Surrogate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4561-01	BP-F-19	BF140126.D	2-Fluorophenol	150	81.55	54		18	112
			Phenol-d6	150	80.91	54		15	107
			Nitrobenzene-d5	100	63.16	63		18	107
			2-Fluorobiphenyl	100	65.70	66		20	109
			2,4,6-Tribromophenol	150	68.64	46		10	116
			Terphenyl-d14	100	47.26	47		10	105
P4561-05	BP-F-18	BF140104.D	2-Fluorophenol	150	91.13	61		18	112
			Phenol-d6	150	92.55	62		15	107
			Nitrobenzene-d5	100	69.31	69		18	107
			2-Fluorobiphenyl	100	69.12	69		20	109
			2,4,6-Tribromophenol	150	107.24	71		10	116
			Terphenyl-d14	100	67.37	67		10	105
P4561-05MS	BP-F-18MS	BF140105.D	2-Fluorophenol	150	87.20	58		18	112
			Phenol-d6	150	90.30	60		15	107
			Nitrobenzene-d5	100	66.79	67		18	107
			2-Fluorobiphenyl	100	65.66	66		20	109
			2,4,6-Tribromophenol	150	104.42	70		10	116
			Terphenyl-d14	100	66.26	66		10	105
P4561-05MSD	BP-F-18MSD	BF140106.D	2-Fluorophenol	150	84.39	56		18	112
			Phenol-d6	150	87.07	58		15	107
			Nitrobenzene-d5	100	66.64	67		18	107
			2-Fluorobiphenyl	100	64.77	65		20	109
			2,4,6-Tribromophenol	150	103.23	69		10	116
			Terphenyl-d14	100	64.72	65		10	105
P4567-05	WC-2	BF140122.D	2-Fluorophenol	150	77.69	52		18	112
			Phenol-d6	150	76.08	51		15	107
			Nitrobenzene-d5	100	61.59	62		18	107
			2-Fluorobiphenyl	100	61.55	62		20	109
			2,4,6-Tribromophenol	150	75.13	50		10	116
			Terphenyl-d14	100	46.32	46		10	105
P4567-09	WC-3	BF140127.D	2-Fluorophenol	150	86.81	58		18	112
			Phenol-d6	150	86.30	58		15	107
			Nitrobenzene-d5	100	70.11	70		18	107
			2-Fluorobiphenyl	100	71.04	71		20	109
			2,4,6-Tribromophenol	150	77.50	52		10	116
			Terphenyl-d14	100	51.15	51		10	105
P4574-01	GRAVEL-1	BF140124.D	2-Fluorophenol	150	59.49	40		18	112
			Phenol-d6	150	58.26	39		15	107
			Nitrobenzene-d5	100	47.96	48		18	107
			2-Fluorobiphenyl	100	54.05	54		20	109
			2,4,6-Tribromophenol	150	57.25	38		10	116
			Terphenyl-d14	100	37.54	38		10	105
P4574-07	CONCRETE-1	BF140107.D	2-Fluorophenol	150	58.78	39		18	112
			Phenol-d6	150	66.60	44		15	107
			Nitrobenzene-d5	100	56.98	57		18	107
			2-Fluorobiphenyl	100	58.73	59		20	109
			2,4,6-Tribromophenol	150	58.67	39		10	116
			Terphenyl-d14	100	53.56	54		10	105
P4574-09	CONCRETE-2	BF140108.D	2-Fluorophenol	150	52.47	35		18	112

Surrogate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4574-09	CONCRETE-2	BF140108.D	Phenol-d6	150	59.35	40		15	107
			Nitrobenzene-d5	100	57.84	58		18	107
			2-Fluorobiphenyl	100	57.92	58		20	109
			2,4,6-Tribromophenol	150	52.54	35		10	116
			Terphenyl-d14	100	61.05	61		10	105
P4574-11	CONCRETE-3	BF140109.D	2-Fluorophenol	150	44.85	30		18	112
			Phenol-d6	150	49.98	33		15	107
			Nitrobenzene-d5	100	45.50	46		18	107
			2-Fluorobiphenyl	100	47.55	48		20	109
			2,4,6-Tribromophenol	150	48.19	32		10	116
P4578-04	WB-305-TOP-1	BF140125.D	Terphenyl-d14	100	49.88	50		10	105
			2-Fluorophenol	150	78.63	52		18	112
			Phenol-d6	150	77.42	52		15	107
			Nitrobenzene-d5	100	58.71	59		18	107
			2-Fluorobiphenyl	100	59.27	59		20	109
P4578-05	WB-305-BOT	BF140110.D	2,4,6-Tribromophenol	150	63.58	42		10	116
			Terphenyl-d14	100	42.42	42		10	105
			2-Fluorophenol	150	89.92	60		18	112
			Phenol-d6	150	88.82	59		15	107
			Nitrobenzene-d5	100	66.16	66		18	107
P4578-07	WB-305-BOT-1	BF140111.D	2-Fluorobiphenyl	100	66.10	66		20	109
			2,4,6-Tribromophenol	150	102.35	68		10	116
			Terphenyl-d14	100	70.90	71		10	105
			2-Fluorophenol	150	82.93	55		18	112
			Phenol-d6	150	82.58	55		15	107
PB164461BL	PB164461BL	BF140101.D	Nitrobenzene-d5	100	60.04	60		18	107
			2-Fluorobiphenyl	100	58.07	58		20	109
			2,4,6-Tribromophenol	150	93.84	63		10	116
			Terphenyl-d14	100	67.91	68		10	105
			2-Fluorophenol	150	118.94	79		18	112
PB164461BS	PB164461BS	BF140102.D	Phenol-d6	150	115.92	77		15	107
			Nitrobenzene-d5	100	89.65	90		18	107
			2-Fluorobiphenyl	100	86.03	86		20	109
			2,4,6-Tribromophenol	150	135.09	90		10	116
			Terphenyl-d14	100	81.65	82		10	105
			2-Fluorophenol	150	122.07	81		18	112
			Phenol-d6	150	119.43	80		15	107
			Nitrobenzene-d5	100	92.11	92		18	107
			2-Fluorobiphenyl	100	87.58	88		20	109
			2,4,6-Tribromophenol	150	144.13	96		10	116
			Terphenyl-d14	100	100.46	100		10	105

Surrogate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4594-05	BP-F17	BF140116.D	2-Fluorophenol	150	91.97	61		18	112
			Phenol-d6	150	91.97	61		15	107
			Nitrobenzene-d5	100	68.81	69		18	107
			2-Fluorobiphenyl	100	65.51	66		20	109
			2,4,6-Tribromophenol	150	107.55	72		10	116
			Terphenyl-d14	100	69.70	70		10	105
P4594-05MS	BP-F17MS	BF140117.D	2-Fluorophenol	150	90.28	60		18	112
			Phenol-d6	150	92.27	62		15	107
			Nitrobenzene-d5	100	68.35	68		18	107
			2-Fluorobiphenyl	100	65.69	66		20	109
			2,4,6-Tribromophenol	150	105.93	71		10	116
			Terphenyl-d14	100	68.58	69		10	105
P4594-05MSD	BP-F17MSD	BF140118.D	2-Fluorophenol	150	82.04	55		18	112
			Phenol-d6	150	83.73	56		15	107
			Nitrobenzene-d5	100	62.84	63		18	107
			2-Fluorobiphenyl	100	61.24	61		20	109
			2,4,6-Tribromophenol	150	98.26	66		10	116
			Terphenyl-d14	100	61.72	62		10	105
P4594-13	TP-5	BF140131.D	2-Fluorophenol	150	62.38	42		18	112
			Phenol-d6	150	63.38	42		15	107
			Nitrobenzene-d5	100	45.71	46		18	107
			2-Fluorobiphenyl	100	49.12	49		20	109
			2,4,6-Tribromophenol	150	51.79	35		10	116
			Terphenyl-d14	100	33.84	34		10	105
P4594-17	BP-F15	BF140120.D	2-Fluorophenol	150	68.72	46		18	112
			Phenol-d6	150	69.47	46		15	107
			Nitrobenzene-d5	100	50.96	51		18	107
			2-Fluorobiphenyl	100	48.30	48		20	109
			2,4,6-Tribromophenol	150	76.93	51		10	116
			Terphenyl-d14	100	49.31	49		10	105
P4597-01	RED-1-1	BF140123.D	2-Fluorophenol	150	83.87	56		18	112
			Phenol-d6	150	82.76	55		15	107
			Nitrobenzene-d5	100	66.55	67		18	107
			2-Fluorobiphenyl	100	68.42	68		20	109
			2,4,6-Tribromophenol	150	77.24	51		10	116
			Terphenyl-d14	100	51.34	51		10	105
P4597-04	RED-1-2	BF140129.D	2-Fluorophenol	150	58.41	39		18	112
			Phenol-d6	150	57.47	38		15	107
			Nitrobenzene-d5	100	47.12	47		18	107
			2-Fluorobiphenyl	100	50.55	51		20	109
			2,4,6-Tribromophenol	150	47.37	32		10	116
			Terphenyl-d14	100	37.19	37		10	105
P4597-07	BLUE-2-1	BF140119.D	2-Fluorophenol	150	76.90	51		18	112
			Phenol-d6	150	77.17	51		15	107
			Nitrobenzene-d5	100	59.47	59		18	107
			2-Fluorobiphenyl	100	57.63	58		20	109
			2,4,6-Tribromophenol	150	84.73	56		10	116
			Terphenyl-d14	100	57.90	58		10	105
P4597-10	BLUE-2-2	BF140130.D	2-Fluorophenol	150	77.64	52		18	112

Surrogate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4597-10	BLUE-2-2	BF140130.D	Phenol-d6	150	75.29	50		15	107
			Nitrobenzene-d5	100	62.79	63		18	107
			2-Fluorobiphenyl	100	66.11	66		20	109
			2,4,6-Tribromophenol	150	70.36	47		10	116
			Terphenyl-d14	100	46.24	46		10	105
P4598-01	BP-F12	BF140128.D	2-Fluorophenol	150	71.44	48		18	112
			Phenol-d6	150	69.95	47		15	107
			Nitrobenzene-d5	100	55.63	56		18	107
			2-Fluorobiphenyl	100	59.32	59		20	109
			2,4,6-Tribromophenol	150	60.99	41		10	116
P4598-05	BP-F11	BF140121.D	Terphenyl-d14	100	44.03	44		10	105
			2-Fluorophenol	150	78.87	53		18	112
			Phenol-d6	150	77.81	52		15	107
			Nitrobenzene-d5	100	60.46	60		18	107
			2-Fluorobiphenyl	100	59.74	60		20	109
PB164497BL	PB164497BL	BF140114.D	2,4,6-Tribromophenol	150	85.25	57		10	116
			Terphenyl-d14	100	57.19	57		10	105
			2-Fluorophenol	150	118.93	79		18	112
			Phenol-d6	150	115.80	77		15	107
			Nitrobenzene-d5	100	90.25	90		18	107
PB164497BS	PB164497BS	BF140115.D	2-Fluorobiphenyl	100	85.07	85		20	109
			2,4,6-Tribromophenol	150	142.19	95		10	116
			Terphenyl-d14	100	87.86	88		10	105
			2-Fluorophenol	150	117.44	78		18	112
			Phenol-d6	150	114.62	76		15	107
			Nitrobenzene-d5	100	90.33	90		18	107
			2-Fluorobiphenyl	100	87.18	87		20	109
			2,4,6-Tribromophenol	150	141.45	94		10	116
			Terphenyl-d14	100	93.22	93		10	105

Surrogate Summary

SW-846

SDG No.: **BF102924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4594-04	TP-4	BF140139.D	2-Fluorophenol	150	117.72	78		10	139
			Phenol-d6	150	114.08	76		10	134
			Nitrobenzene-d5	100	94.72	95		49	133
			2-Fluorobiphenyl	100	94.43	94		52	132
			2,4,6-Tribromophenol	150	111.66	74		44	137
			Terphenyl-d14	100	73.25	73		48	125
P4594-04MS	TP-4MS	BF140140.D	2-Fluorophenol	150	108.35	72		10	139
			Phenol-d6	150	103.98	69		10	134
			Nitrobenzene-d5	100	91.65	92		49	133
			2-Fluorobiphenyl	100	89.90	90		52	132
			2,4,6-Tribromophenol	150	112.92	75		44	137
			Terphenyl-d14	100	76.45	76		48	125
P4594-04MSD	TP-4MSD	BF140141.D	2-Fluorophenol	150	112.04	75		10	139
			Phenol-d6	150	108.37	72		10	134
			Nitrobenzene-d5	100	93.13	93		49	133
			2-Fluorobiphenyl	100	90.39	90		52	132
			2,4,6-Tribromophenol	150	122.71	82		44	137
			Terphenyl-d14	100	86.93	87		48	125
P4594-08	BP-F17	BF140142.D	2-Fluorophenol	150	103.54	69		10	139
			Phenol-d6	150	95.49	64		10	134
			Nitrobenzene-d5	100	87.92	88		49	133
			2-Fluorobiphenyl	100	88.59	89		52	132
			2,4,6-Tribromophenol	150	108.72	72		44	137
			Terphenyl-d14	100	78.29	78		48	125
P4594-12	BP-F16	BF140143.D	2-Fluorophenol	150	103.70	69		10	139
			Phenol-d6	150	95.98	64		10	134
			Nitrobenzene-d5	100	87.79	88		49	133
			2-Fluorobiphenyl	100	86.48	86		52	132
			2,4,6-Tribromophenol	150	105.26	70		44	137
			Terphenyl-d14	100	80.63	81		48	125
P4597-03	RED-1-1	BF140137.D	2-Fluorophenol	150	113.94	76		10	139
			Phenol-d6	150	109.39	73		10	134
			Nitrobenzene-d5	100	89.81	90		49	133
			2-Fluorobiphenyl	100	92.28	92		52	132
			2,4,6-Tribromophenol	150	105.30	70		44	137
			Terphenyl-d14	100	74.79	75		48	125
P4597-06	RED-1-2	BF140138.D	2-Fluorophenol	150	127.10	85		10	139
			Phenol-d6	150	121.25	81		10	134
			Nitrobenzene-d5	100	99.98	100		49	133
			2-Fluorobiphenyl	100	101.15	101		52	132
			2,4,6-Tribromophenol	150	118.75	79		44	137
			Terphenyl-d14	100	80.76	81		48	125
PB164478TB	PB164478TB	BF140135.D	2-Fluorophenol	150	110.94	74		10	139
			Phenol-d6	150	108.08	72		10	134
			Nitrobenzene-d5	100	85.67	86		49	133
			2-Fluorobiphenyl	100	86.57	87		52	132
			2,4,6-Tribromophenol	150	79.07	53		44	137
			Terphenyl-d14	100	68.36	68		48	125
PB164500BL	PB164500BL	BF140134.D	2-Fluorophenol	150	116.32	78		10	139

Surrogate Summary

SW-846

SDG No.: BF102924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164500BL	PB164500BL	BF140134.D	Phenol-d6	150	111.90	75		10	134
			Nitrobenzene-d5	100	89.46	89		49	133
			2-Fluorobiphenyl	100	89.33	89		52	132
			2,4,6-Tribromophenol	150	86.62	58		44	137
			Terphenyl-d14	100	71.07	71		48	125
PB164500BS	PB164500BS	BF140136.D	2-Fluorophenol	150	117.92	79		10	139
			Phenol-d6	150	114.71	76		10	134
			Nitrobenzene-d5	100	90.62	91		49	133
			2-Fluorobiphenyl	100	84.69	85		52	132
			2,4,6-Tribromophenol	150	116.41	78		44	137
			Terphenyl-d14	100	84.37	84		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102924

Lab Code: CHEM

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140099.D

DFTPP Injection Date: 10/29/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	44.7
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	6.5
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.4
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	19.4 (19.4) 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	BF140100.D	10/29/2024	09:37
PB164461BL	PB164461BL	BF140101.D	10/29/2024	10:05
PB164461BS	PB164461BS	BF140102.D	10/29/2024	10:33
PT-TRIAZINE-SOIL	P4495-12	BF140103.D	10/29/2024	11:01
BP-F-18	P4561-05	BF140104.D	10/29/2024	11:34
BP-F-18MS	P4561-05MS	BF140105.D	10/29/2024	12:02
BP-F-18MSD	P4561-05MSD	BF140106.D	10/29/2024	12:30
CONCRETE-1	P4574-07	BF140107.D	10/29/2024	12:58
CONCRETE-2	P4574-09	BF140108.D	10/29/2024	13:24
CONCRETE-3	P4574-11	BF140109.D	10/29/2024	13:50
WB-305-BOT	P4578-05	BF140110.D	10/29/2024	14:16
WB-305-BOT-1	P4578-07	BF140111.D	10/29/2024	14:42

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102924

Lab Code: CHEM

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140112.D

DFTPP Injection Date: 10/29/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.9
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.6
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	5.7
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.1
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	BF140113.D	10/29/2024	16:01
PB164497BL	PB164497BL	BF140114.D	10/29/2024	16:26
PB164497BS	PB164497BS	BF140115.D	10/29/2024	16:52
BP-F17	P4594-05	BF140116.D	10/29/2024	17:18
BP-F17MS	P4594-05MS	BF140117.D	10/29/2024	17:45
BP-F17MSD	P4594-05MSD	BF140118.D	10/29/2024	18:11
BLUE-2-1	P4597-07	BF140119.D	10/29/2024	18:37
BP-F15	P4594-17	BF140120.D	10/29/2024	19:03
BP-F11	P4598-05	BF140121.D	10/29/2024	19:29
WC-2	P4567-05	BF140122.D	10/29/2024	19:55
RED-1-1	P4597-01	BF140123.D	10/29/2024	20:21
GRAVEL-1	P4574-01	BF140124.D	10/29/2024	20:47
WB-305-TOP-1	P4578-04	BF140125.D	10/29/2024	21:13
BP-F-19	P4561-01	BF140126.D	10/29/2024	21:39
WC-3	P4567-09	BF140127.D	10/29/2024	22:05
BP-F12	P4598-01	BF140128.D	10/29/2024	22:31
RED-1-2	P4597-04	BF140129.D	10/29/2024	22:57
BLUE-2-2	P4597-10	BF140130.D	10/29/2024	23:24

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102924

Lab Code: CHEM

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140112.D

DFTPP Injection Date: 10/29/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.9
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	29.7
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	38.6
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	5.7
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.1
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
TP-5	P4594-13	BF140131.D	10/29/2024	23:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF102924

Lab Code: CHEM

SAS No.: BF102924 SDG NO.: BF102924

Lab File ID: BF140132.D

DFTPP Injection Date: 10/30/2024

Instrument ID: BNA_F

DFTPP Injection Time: 00:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	42.7
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	28.6
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	96.7
443	15.0 - 24.0% of mass 442	18.6 (19.2) 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	BF140133.D	10/30/2024	01:11
PB164500BL	PB164500BL	BF140134.D	10/30/2024	02:04
PB164478TB	PB164478TB	BF140135.D	10/30/2024	02:30
PB164500BS	PB164500BS	BF140136.D	10/30/2024	02:56
RED-1-1	P4597-03	BF140137.D	10/30/2024	03:22
RED-1-2	P4597-06	BF140138.D	10/30/2024	03:48
TP-4	P4594-04	BF140139.D	10/30/2024	04:14
TP-4MS	P4594-04MS	BF140140.D	10/30/2024	04:40
TP-4MSD	P4594-04MSD	BF140141.D	10/30/2024	05:06
BP-F17	P4594-08	BF140142.D	10/30/2024	05:32
BP-F16	P4594-12	BF140143.D	10/30/2024	05:58