

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG No.: BF111624

Instrument ID: BNA_F Calibration Date/Time: 11/16/2024 : 09:34

Lab File ID: BF140417.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	0.649	0.627		-3.39	
Pyridine	1.283	1.248		-2.728	
2-Fluorophenol	1.171	1.149		-1.879	
Benzaldehyde	0.951	0.802		-15.668	
Aniline	1.381	1.179		-14.627	
Phenol-d6	1.587	1.530		-3.592	
Phenol	1.674	1.580		-5.615	20.0
bis(2-Chloroethyl)ether	1.268	1.238		-2.366	
2-Chlorophenol	1.258	1.242		-1.272	
1,2-Dichlorobenzene	1.307	1.292		-1.148	
1,3-Dichlorobenzene	1.388	1.393		0.36	
1,4-Dichlorobenzene	1.408	1.376		-2.273	20.0
Benzyl Alcohol	1.143	1.128		-1.312	
2-Methylphenol	1.035	0.999		-3.478	
2,2-oxybis(1-Chloropropane)	1.752	1.611		-8.048	
Acetophenone	0.465	0.454		-2.366	
3+4-Methylphenols	1.295	1.228		-5.174	
n-Nitroso-di-n-propylamine	0.959	0.896	0.050	-6.569	
Nitrobenzene-d5	0.384	0.376		-2.083	
Hexachloroethane	0.520	0.509		-2.115	
Nitrobenzene	0.400	0.390		-2.5	
Isophorone	0.680	0.662		-2.647	
2-Nitrophenol	0.177	0.182		2.825	20.0
2,4-Dimethylphenol	0.227	0.228		0.441	
bis(2-Chloroethoxy)methane	0.417	0.412		-1.199	
2,4-Dichlorophenol	0.281	0.277		-1.423	20.0
1,2,4-Trichlorobenzene	0.312	0.310		-0.641	
Benzoic acid	0.200	0.226		13.0	
Naphthalene	1.015	1.001		-1.379	
4-Chloroaniline	0.353	0.308		-12.748	
Hexachlorobutadiene	0.199	0.197		-1.005	20.0
Caprolactam	0.093	0.096		3.226	
4-Chloro-3-methylphenol	0.311	0.311		0.0	20.0
2-Methylnaphthalene	0.651	0.639		-1.843	
Hexachlorocyclopentadiene	0.142	0.131	0.050	-7.746	
2,4,6-Trichlorophenol	0.363	0.356		-1.928	20.0
2-Fluorobiphenyl	1.244	1.185		-4.743	
2,4,5-Trichlorophenol	0.397	0.394		-0.756	
1,1-Biphenyl	1.455	1.398		-3.918	

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Lab File ID: BF140417.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.108	1.068		-3.61	
2-Nitroaniline	0.368	0.361		-1.902	
Dimethylphthalate	1.304	1.271		-2.531	
Acenaphthylene	1.677	1.620		-3.399	
2,6-Dinitrotoluene	0.297	0.294		-1.01	
3-Nitroaniline	0.312	0.297		-4.808	
Acenaphthene	1.133	1.097		-3.177	20.0
2,4-Dinitrophenol	0.153	0.163	0.050	6.536	
4-Nitrophenol	0.228	0.221	0.050	-3.07	
Dibenzofuran	1.603	1.546		-3.556	
2,4-Dinitrotoluene	0.391	0.391		0.0	
Diethylphthalate	1.333	1.311		-1.65	
4-Chlorophenyl-phenylether	0.625	0.608		-2.72	
Fluorene	1.267	1.222		-3.552	
4-Nitroaniline	0.319	0.319		0.0	
4,6-Dinitro-2-methylphenol	0.108	0.118		9.259	
n-Nitrosodiphenylamine	0.578	0.561		-2.941	20.0
Azobenzene	1.317	1.252		-4.935	
2,4,6-Tribromophenol	0.199	0.198		-0.503	
4-Bromophenyl-phenylether	0.200	0.198		-1.0	
Hexachlorobenzene	0.225	0.224		-0.444	
Atrazine	0.175	0.153		-12.571	
Pentachlorophenol	0.121	0.122		0.826	20.0
Phenanthrene	0.940	0.898		-4.468	
Anthracene	0.921	0.890		-3.366	
Carbazole	0.909	0.878		-3.41	
Di-n-butylphthalate	1.091	1.089		-0.183	
Fluoranthene	1.054	1.013		-3.89	20.0
Benzidine	0.768	0.521		-32.161	
Pyrene	1.711	1.804		5.435	
Terphenyl-d14	1.152	1.194		3.646	
Butylbenzylphthalate	0.657	0.725		10.35	
3,3-Dichlorobenzidine	0.418	0.396		-5.263	
Benzo(a)anthracene	1.314	1.329		1.142	
Chrysene	1.199	1.120		-6.589	
Bis(2-ethylhexyl)phthalate	0.877	0.958		9.236	
Di-n-octyl phthalate	1.235	1.274		3.158	20.0
Benzo(b)fluoranthene	1.308	1.209		-7.569	
Benzo(k)fluoranthene	1.069	1.063		-0.561	

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Instrument ID: BNA_F Calibration Date/Time: 11/16/2024 : 09:34

Lab File ID: BF140417.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	1.016	0.999		-1.673	20.0
Indeno(1,2,3-cd)pyrene	1.235	1.265		2.429	
Dibenzo(a,h)anthracene	1.021	1.050		2.84	
Benzo(g,h,i)perylene	1.044	1.054		0.958	
1,2,4,5-Tetrachlorobenzene	0.553	0.544		-1.627	
1,4-Dioxane	0.522	0.504		-3.448	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.317		1.278	
1-Methylnaphthalene	0.637	0.626		-1.727	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BL	SDG No.:	BF111624
Lab Sample ID:	PB164993BL	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
BF140418.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BL	SDG No.:	BF111624
Lab Sample ID:	PB164993BL	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
BF140418.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BL	SDG No.:	BF111624
Lab Sample ID:	PB164993BL	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
BF140418.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	118.896		18-112		79	SPK: -150
13127-88-3	Phenol-d6	114.215		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	82.114		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	82.065		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BL	SDG No.:	BF111624
Lab Sample ID:	PB164993BL	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
BF140418.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.194		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	82.76		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168054	6.875				
1146-65-2	Naphthalene-d8	642488	8.151				
15067-26-2	Acenaphthene-d10	365710	9.91				
1517-22-2	Phenanthrene-d10	717042	11.404				
1719-03-5	Chrysene-d12	477442	14.051				
1520-96-3	Perylene-d12	394046	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.216	
000141-79-7	3-Penten-2-one, 4-methyl-	450	A			4.499	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	840	A			5.116	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BS	SDG No.:	BF111624
Lab Sample ID:	PB164993BS	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
BF140419.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	J	180	270	330	ug/Kg
62-53-3	Aniline	1300		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	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		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	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		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	1400		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	1300		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	1100		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BS	SDG No.:	BF111624
Lab Sample ID:	PB164993BS	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
BF140419.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	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	1400		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	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	23900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1100		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BS	SDG No.:	BF111624
Lab Sample ID:	PB164993BS	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
BF140419.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	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	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	370		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.687		18-112		80	SPK: -150
13127-88-3	Phenol-d6	115.561		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	83.216		18-107		83	SPK: -100
321-60-8	2-Fluorobiphenyl	83.093		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	PB164993BS	SDG No.:	BF111624
Lab Sample ID:	PB164993BS	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
BF140419.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.556		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	99.691		10-105		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169538	6.875				
1146-65-2	Naphthalene-d8	648089	8.157				
15067-26-2	Acenaphthene-d10	365262	9.916				
1517-22-2	Phenanthrene-d10	688745	11.404				
1719-03-5	Chrysene-d12	378177	14.057				
1520-96-3	Perylene-d12	337908	15.545				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-04	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
BF140420.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-04	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
BF140420.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-04	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
BF140420.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.73		10-139		88	SPK: -150
13127-88-3	Phenol-d6	107.626		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	94.711		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	137.378	*	52-132		137	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-04	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
BF140420.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	195.352		44-137		130	SPK: -150
1718-51-0	Terphenyl-d14	147.648	*	48-125		148	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102865	6.875				
1146-65-2	Naphthalene-d8	380190	8.151				
15067-26-2	Acenaphthene-d10	144379	9.91				
1517-22-2	Phenanthrene-d10	338320	11.398				
1719-03-5	Chrysene-d12	131208	14.045				
1520-96-3	Perylene-d12	23566	15.533				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-08	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
BF140421.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-08	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
BF140421.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-08	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
BF140421.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.648		10-139		88	SPK: -150
13127-88-3	Phenol-d6	126.478		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	91.936		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	93.828		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-08	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
BF140421.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.226		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	98.735		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103687	6.875				
1146-65-2	Naphthalene-d8	391201	8.151				
15067-26-2	Acenaphthene-d10	215698	9.91				
1517-22-2	Phenanthrene-d10	390242	11.398				
1719-03-5	Chrysene-d12	216436	14.045				
1520-96-3	Perylene-d12	220104	15.533				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-04	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
BF140422.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-04	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
BF140422.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-04	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
BF140422.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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	124.381		10-139		83	SPK: -150
13127-88-3	Phenol-d6	120.849		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	87.399		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	89.488		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-04	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
BF140422.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.211		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	100.999		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121528	6.875				
1146-65-2	Naphthalene-d8	464670	8.151				
15067-26-2	Acenaphthene-d10	255128	9.91				
1517-22-2	Phenanthrene-d10	489722	11.398				
1719-03-5	Chrysene-d12	274607	14.045				
1520-96-3	Perylene-d12	280312	15.539				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-04	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
BF140423.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-04	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
BF140423.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-04	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
BF140423.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.174		10-139		88	SPK: -150
13127-88-3	Phenol-d6	126.585		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	90.953		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	90.639		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-04	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
BF140423.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.315		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	98.415		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112093	6.875				
1146-65-2	Naphthalene-d8	426091	8.151				
15067-26-2	Acenaphthene-d10	230259	9.91				
1517-22-2	Phenanthrene-d10	414873	11.398				
1719-03-5	Chrysene-d12	227889	14.045				
1520-96-3	Perylene-d12	232330	15.533				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-08	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
BF140424.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-08	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
BF140424.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-08	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
BF140424.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.262		10-139		91	SPK: -150
13127-88-3	Phenol-d6	127.489		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	95.958		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	97.383		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-08	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
BF140424.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164969

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.766		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	101.988		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108709	6.875				
1146-65-2	Naphthalene-d8	405539	8.151				
15067-26-2	Acenaphthene-d10	218341	9.91				
1517-22-2	Phenanthrene-d10	395523	11.398				
1719-03-5	Chrysene-d12	229407	14.045				
1520-96-3	Perylene-d12	248406	15.533				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T-20	SDG No.:	BF111624
Lab Sample ID:	P4824-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140425.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T-20	SDG No.:	BF111624
Lab Sample ID:	P4824-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140425.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

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:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T-20	SDG No.:	BF111624
Lab Sample ID:	P4824-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140425.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

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	170		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	88.275		18-112		59	SPK: -150
13127-88-3	Phenol-d6	86.308		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	59.437		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	66.908		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	T-20	SDG No.:	BF111624
Lab Sample ID:	P4824-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140425.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.397		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	50.111		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110799	6.875				
1146-65-2	Naphthalene-d8	418104	8.151				
15067-26-2	Acenaphthene-d10	215114	9.91				
1517-22-2	Phenanthrene-d10	281396	11.404				
1719-03-5	Chrysene-d12	208682	14.057				
1520-96-3	Perylene-d12	240392	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	510	J			2.116	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	48.9	J			9.622	
	unknown9.775	48.1	J			9.775	
	unknown9.816	55.9	J			9.816	
017312-60-6	Undecane, 6-ethyl-	400	J			10.828	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	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
BF140426.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.8	U	58.8	180	220	ug/Kg
110-86-1	Pyridine	54.1	U	54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.6	U	65.6	88	120	ug/Kg
108-95-2	Phenol	56.1	U	56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.7	U	56.7	88	120	ug/Kg
95-57-8	2-Chlorophenol	56.5	U	56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.3	U	57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.2	U	58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6	U	58.6	88	120	ug/Kg
100-51-6	Benzyl Alcohol	56.2	U	56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	54.6	U	54.6	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.5	U	61.5	88	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	54	U	54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	56.2	U	56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	61.5	U	61.5	88	120	ug/Kg
78-59-1	Isophorone	57.3	U	57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.1	U	63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.1	U	58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.8	U	57.8	88	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.9	U	55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	55.9	U	55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	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
BF140426.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.8	U	58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.5	U	52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.8	U	55.8	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.1	U	50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	59.2	U	59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	64.3	U	64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	55.3	U	55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	58.6	U	58.6	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.3	U	56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	60.4	U	60.4	88	120	ug/Kg
83-32-9	Acenaphthene	54.9	U	54.9	88	120	ug/Kg
Total PAH	Total PAH	897.1	U	897.1	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.5	U	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	57.1	U	57.1	88	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.4	U	58.4	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.7	U	114.7	88	240	ug/Kg
84-66-2	Diethylphthalate	54.2	U	54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.9	U	57.9	88	120	ug/Kg
86-73-7	Fluorene	57.9	U	57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	72.4	U	72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.2	U	79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	88	120	ug/Kg
103-33-3	Azobenzene	53.9	U	53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.4	U	53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	88	120	ug/Kg
1912-24-9	Atrazine	61.9	U	61.9	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	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
BF140426.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.3	U	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	56.9	U	56.9	88	120	ug/Kg
120-12-7	Anthracene	57.1	U	57.1	88	120	ug/Kg
86-74-8	Carbazole	54.4	U	54.4	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	88	120	ug/Kg
206-44-0	Fluoranthene	55.3	U	55.3	88	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.2	U	56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.5	U	65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.7	U	66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.6	U	54.6	88	120	ug/Kg
218-01-9	Chrysene	53.8	U	53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.6	U	61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.5	U	74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.9	U	54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.9	U	55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.9	U	52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.2	U	54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	88	120	ug/Kg
123-91-1	1,4-Dioxane	74.5	U	74.5	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.6	U	50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.3	U	56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.6		18-112		58	SPK: -150
13127-88-3	Phenol-d6	83.757		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.802		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	63.444		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-2	SDG No.:	BF111624
Lab Sample ID:	P4821-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.02	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
BF140426.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.989		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	66.162		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124880	6.875				
1146-65-2	Naphthalene-d8	473478	8.151				
15067-26-2	Acenaphthene-d10	253920	9.91				
1517-22-2	Phenanthrene-d10	462778	11.398				
1719-03-5	Chrysene-d12	235448	14.045				
1520-96-3	Perylene-d12	276424	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	720	J			2.146	
000119-61-9	Benzophenone	150	J			10.622	
000057-10-3	n-Hexadecanoic acid	170	J			11.922	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140427.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.3	U	60.3	190	230	ug/Kg
110-86-1	Pyridine	55.5	U	55.5	90.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.3	U	67.3	90.3	120	ug/Kg
108-95-2	Phenol	57.6	U	57.6	90.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.1	U	58.1	90.3	120	ug/Kg
95-57-8	2-Chlorophenol	58	U	58	90.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.7	U	58.7	90.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.7	U	59.7	90.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.1	U	60.1	90.3	120	ug/Kg
100-51-6	Benzyl Alcohol	57.6	U	57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	56	U	56	90.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.1	U	63.1	90.3	120	ug/Kg
98-86-2	Acetophenone	60.3	U	60.3	90.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.4	U	55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28	U	28	55.5	55.5	ug/Kg
67-72-1	Hexachloroethane	57.6	U	57.6	90.3	120	ug/Kg
98-95-3	Nitrobenzene	63	U	63	90.3	120	ug/Kg
78-59-1	Isophorone	58.7	U	58.7	90.3	120	ug/Kg
88-75-5	2-Nitrophenol	65.6	U	65.6	90.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.7	U	64.7	90.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.6	U	59.6	90.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.4	U	52.4	90.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.3	U	59.3	90.3	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57.3	U	57.3	90.3	120	ug/Kg
106-47-8	4-Chloroaniline	57.3	U	57.3	90.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.8	U	57.8	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140427.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.3	U	60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.8	U	53.8	90.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.3	U	57.3	90.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.6	U	49.6	90.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.4	U	51.4	90.3	120	ug/Kg
92-52-4	1,1-Biphenyl	60.7	U	60.7	90.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	90.3	120	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	90.3	120	ug/Kg
131-11-3	Dimethylphthalate	56.7	U	56.7	90.3	120	ug/Kg
208-96-8	Acenaphthylene	60.1	U	60.1	90.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.8	U	57.8	90.3	120	ug/Kg
99-09-2	3-Nitroaniline	61.9	U	61.9	90.3	120	ug/Kg
83-32-9	Acenaphthene	56.3	U	56.3	90.3	120	ug/Kg
Total PAH	Total PAH	919.9	U	919.9	90.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.5	U	80.5	190	230	ug/Kg
132-64-9	Dibenzofuran	58.6	U	58.6	90.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	17.6	U	117.6	90.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.8	U	59.8	90.3	120	ug/Kg
84-66-2	Diethylphthalate	55.6	U	55.6	90.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.4	U	59.4	90.3	120	ug/Kg
86-73-7	Fluorene	59.4	U	59.4	90.3	120	ug/Kg
100-01-6	4-Nitroaniline	74.3	U	74.3	90.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.2	U	81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.7	U	56.7	90.3	120	ug/Kg
103-33-3	Azobenzene	55.3	U	55.3	90.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.8	U	54.8	90.3	120	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	90.3	120	ug/Kg
1912-24-9	Atrazine	63.5	U	63.5	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140427.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.7	U	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	58.3	U	58.3	90.3	120	ug/Kg
120-12-7	Anthracene	58.6	U	58.6	90.3	120	ug/Kg
86-74-8	Carbazole	55.8	U	55.8	90.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.5	U	58.5	90.3	120	ug/Kg
206-44-0	Fluoranthene	56.7	U	56.7	90.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.6	U	57.6	90.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.2	U	67.2	90.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.5	U	68.5	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56	U	56	90.3	120	ug/Kg
218-01-9	Chrysene	55.2	U	55.2	90.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.2	U	63.2	90.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.4	U	76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.3	U	56.3	90.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.3	U	57.3	90.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.6	U	64.6	90.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.2	U	54.2	90.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.4	U	56.4	90.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.6	U	55.6	90.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.3	U	60.3	90.3	120	ug/Kg
123-91-1	1,4-Dioxane	76.4	U	76.4	90.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.9	U	51.9	90.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.8	U	57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.695		18-112		64	SPK: -150
13127-88-3	Phenol-d6	93.354		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	65.905		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	70.087		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731	SDG No.:	BF111624
Lab Sample ID:	P4833-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140427.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.77		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	69.963		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112728	6.875				
1146-65-2	Naphthalene-d8	413818	8.151				
15067-26-2	Acenaphthene-d10	219218	9.91				
1517-22-2	Phenanthrene-d10	397672	11.398				
1719-03-5	Chrysene-d12	230624	14.045				
1520-96-3	Perylene-d12	259998	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	940	J			2.134	
000119-61-9	Benzophenone	200	J			10.622	
000057-10-3	n-Hexadecanoic acid	140	J			11.922	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MS	SDG No.:	BF111624
Lab Sample ID:	P4833-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140428.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		60.3	190	230	ug/Kg
110-86-1	Pyridine	910		55.5	90.3	120	ug/Kg
100-52-7	Benzaldehyde	130	J	130	190	230	ug/Kg
62-53-3	Aniline	440		67.3	90.3	120	ug/Kg
108-95-2	Phenol	960		57.6	90.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		58.1	90.3	120	ug/Kg
95-57-8	2-Chlorophenol	1000		58	90.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		58.8	90.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	960		59.7	90.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	960		60.1	90.3	120	ug/Kg
100-51-6	Benzyl Alcohol	990		57.7	190	230	ug/Kg
95-48-7	2-Methylphenol	950		56	90.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		63.1	90.3	120	ug/Kg
98-86-2	Acetophenone	990		60.4	90.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		28	55.6	55.6	ug/Kg
67-72-1	Hexachloroethane	970		57.7	90.3	120	ug/Kg
98-95-3	Nitrobenzene	950		63.1	90.3	120	ug/Kg
78-59-1	Isophorone	970		58.8	90.3	120	ug/Kg
88-75-5	2-Nitrophenol	1000		65.6	90.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		64.7	90.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		59.6	90.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		52.4	90.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	950		59.3	90.3	120	ug/Kg
65-85-0	Benzoic acid	1000		160	190	230	ug/Kg
91-20-3	Naphthalene	990		57.4	90.3	120	ug/Kg
106-47-8	4-Chloroaniline	140		57.4	90.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	950		57.9	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MS	SDG No.:	BF111624
Lab Sample ID:	P4833-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140428.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990		53.8	90.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		57.3	90.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49.6	90.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	980		51.4	90.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60.7	90.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	980		57.9	90.3	120	ug/Kg
88-74-4	2-Nitroaniline	1000		66	90.3	120	ug/Kg
131-11-3	Dimethylphthalate	1000		56.8	90.3	120	ug/Kg
208-96-8	Acenaphthylene	1100		60.1	90.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		57.8	90.3	120	ug/Kg
99-09-2	3-Nitroaniline	450		62	90.3	120	ug/Kg
83-32-9	Acenaphthene	1100		56.3	90.3	120	ug/Kg
Total PAH	Total PAH	15980		920.6	90.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2100	E	80.6	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		58.6	90.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		59.9	90.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	980		117.7	90.3	240	ug/Kg
84-66-2	Diethylphthalate	1000		55.6	90.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		59.5	90.3	120	ug/Kg
86-73-7	Fluorene	1000		59.4	90.3	120	ug/Kg
100-01-6	4-Nitroaniline	920		74.3	90.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	900		81.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		56.7	90.3	120	ug/Kg
103-33-3	Azobenzene	1100		55.3	90.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		54.8	90.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		59	90.3	120	ug/Kg
1912-24-9	Atrazine	1100		63.5	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MS	SDG No.:	BF111624
Lab Sample ID:	P4833-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140428.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	1000		58.4	90.3	120	ug/Kg
120-12-7	Anthracene	1100		58.6	90.3	120	ug/Kg
86-74-8	Carbazole	1000		55.8	90.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	990		58.6	90.3	120	ug/Kg
206-44-0	Fluoranthene	950		56.8	90.3	120	ug/Kg
92-87-5	Benzidine	410		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57.7	90.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.2	90.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	580		68.5	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56.1	90.3	120	ug/Kg
218-01-9	Chrysene	1000		55.2	90.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		63.2	90.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		56.3	90.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		57.4	90.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		64.6	90.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		54.3	90.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		56.4	90.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	720		55.6	90.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		60.3	90.3	120	ug/Kg
123-91-1	1,4-Dioxane	950		76.4	90.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.9	90.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.1		18-112		55	SPK: -150
13127-88-3	Phenol-d6	80.627		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	58.336		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	60.07		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MS	SDG No.:	BF111624
Lab Sample ID:	P4833-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140428.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.007		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	63.638		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121371	6.875				
1146-65-2	Naphthalene-d8	446879	8.157				
15067-26-2	Acenaphthene-d10	242656	9.91				
1517-22-2	Phenanthrene-d10	455463	11.398				
1719-03-5	Chrysene-d12	245985	14.045				
1520-96-3	Perylene-d12	276803	15.539				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MSD	SDG No.:	BF111624
Lab Sample ID:	P4833-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140429.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		60.3	190	230	ug/Kg
110-86-1	Pyridine	1000		55.5	90.3	120	ug/Kg
100-52-7	Benzaldehyde	130	J	130	190	230	ug/Kg
62-53-3	Aniline	500		67.3	90.3	120	ug/Kg
108-95-2	Phenol	1000		57.6	90.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		58.1	90.3	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58	90.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		58.7	90.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		59.7	90.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		60.1	90.3	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57.6	190	230	ug/Kg
95-48-7	2-Methylphenol	1000		56	90.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		63.1	90.3	120	ug/Kg
98-86-2	Acetophenone	1000		60.3	90.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		55.4	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		28	55.6	55.6	ug/Kg
67-72-1	Hexachloroethane	1000		57.6	90.3	120	ug/Kg
98-95-3	Nitrobenzene	1000		63.1	90.3	120	ug/Kg
78-59-1	Isophorone	1000		58.7	90.3	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65.6	90.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.7	90.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		59.6	90.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.4	90.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		59.3	90.3	120	ug/Kg
65-85-0	Benzoic acid	1100		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		57.4	90.3	120	ug/Kg
106-47-8	4-Chloroaniline	170		57.4	90.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		57.8	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MSD	SDG No.:	BF111624
Lab Sample ID:	P4833-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140429.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		60.3	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.8	90.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		57.3	90.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.6	90.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.4	90.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.7	90.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		57.8	90.3	120	ug/Kg
88-74-4	2-Nitroaniline	1100		66	90.3	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56.7	90.3	120	ug/Kg
208-96-8	Acenaphthylene	1200		60.1	90.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.8	90.3	120	ug/Kg
99-09-2	3-Nitroaniline	480		61.9	90.3	120	ug/Kg
83-32-9	Acenaphthene	1200		56.3	90.3	120	ug/Kg
Total PAH	Total PAH	16740		920.1	90.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2200	E	80.6	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58.6	90.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		117.7	90.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.9	90.3	120	ug/Kg
84-66-2	Diethylphthalate	1100		55.6	90.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.4	90.3	120	ug/Kg
86-73-7	Fluorene	1100		59.4	90.3	120	ug/Kg
100-01-6	4-Nitroaniline	990		74.3	90.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	990		81.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		56.7	90.3	120	ug/Kg
103-33-3	Azobenzene	1200		55.3	90.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.8	90.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		59	90.3	120	ug/Kg
1912-24-9	Atrazine	1200		63.5	90.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MSD	SDG No.:	BF111624
Lab Sample ID:	P4833-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140429.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	53.7	190	230	ug/Kg
85-01-8	Phenanthrene	1100		58.3	90.3	120	ug/Kg
120-12-7	Anthracene	1100		58.6	90.3	120	ug/Kg
86-74-8	Carbazole	1100		55.8	90.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		58.5	90.3	120	ug/Kg
206-44-0	Fluoranthene	960		56.7	90.3	120	ug/Kg
92-87-5	Benzidine	510		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57.6	90.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		67.2	90.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	650		68.5	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		56	90.3	120	ug/Kg
218-01-9	Chrysene	1100		55.2	90.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		63.2	90.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		76.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		56.3	90.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.4	90.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		64.6	90.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890		54.2	90.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	880		56.4	90.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		55.6	90.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		60.3	90.3	120	ug/Kg
123-91-1	1,4-Dioxane	990		76.4	90.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51.9	90.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	990		57.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.508		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.567		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	61.443		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	64.794		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	MH-731MSD	SDG No.:	BF111624
Lab Sample ID:	P4833-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.7
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
BF140429.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.618		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	65.914		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120300	6.875				
1146-65-2	Naphthalene-d8	442674	8.157				
15067-26-2	Acenaphthene-d10	239484	9.91				
1517-22-2	Phenanthrene-d10	452802	11.398				
1719-03-5	Chrysene-d12	240606	14.051				
1520-96-3	Perylene-d12	275686	15.551				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111624
Lab Sample ID:	P4848-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF140430.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61	U	61	190	230	ug/Kg
110-86-1	Pyridine	56.1	U	56.1	91.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.1	U	68.1	91.3	120	ug/Kg
108-95-2	Phenol	58.2	U	58.2	91.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.8	U	58.8	91.3	120	ug/Kg
95-57-8	2-Chlorophenol	58.6	U	58.6	91.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.4	U	59.4	91.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.4	U	60.4	91.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.7	U	60.7	91.3	120	ug/Kg
100-51-6	Benzyl Alcohol	58.3	U	58.3	190	230	ug/Kg
95-48-7	2-Methylphenol	56.6	U	56.6	91.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.8	U	63.8	91.3	120	ug/Kg
98-86-2	Acetophenone	61	U	61	91.3	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	56.2	56.2	ug/Kg
67-72-1	Hexachloroethane	58.3	U	58.3	91.3	120	ug/Kg
98-95-3	Nitrobenzene	63.8	U	63.8	91.3	120	ug/Kg
78-59-1	Isophorone	59.4	U	59.4	91.3	120	ug/Kg
88-75-5	2-Nitrophenol	66.4	U	66.4	91.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.5	U	65.5	91.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.3	U	60.3	91.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	91.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60	U	60	91.3	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58	U	58	91.3	120	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	91.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.5	U	58.5	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111624
Lab Sample ID:	P4848-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF140430.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61	U	61	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.4	U	54.4	91.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.9	U	57.9	91.3	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	91.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	91.3	120	ug/Kg
92-52-4	1,1-Biphenyl	61.4	U	61.4	91.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.5	U	58.5	91.3	120	ug/Kg
88-74-4	2-Nitroaniline	66.7	U	66.7	91.3	120	ug/Kg
131-11-3	Dimethylphthalate	57.4	U	57.4	91.3	120	ug/Kg
208-96-8	Acenaphthylene	60.7	U	60.7	91.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.4	U	58.4	91.3	120	ug/Kg
99-09-2	3-Nitroaniline	62.6	U	62.6	91.3	120	ug/Kg
83-32-9	Acenaphthene	57	U	57	91.3	120	ug/Kg
Total PAH	Total PAH	930.6	U	930.6	91.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.5	U	81.5	190	230	ug/Kg
132-64-9	Dibenzofuran	59.3	U	59.3	91.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.5	U	60.5	91.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.9	U	118.9	91.3	240	ug/Kg
84-66-2	Diethylphthalate	56.3	U	56.3	91.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.1	U	60.1	91.3	120	ug/Kg
86-73-7	Fluorene	60	U	60	91.3	120	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	91.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.2	U	82.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.3	U	57.3	91.3	120	ug/Kg
103-33-3	Azobenzene	55.9	U	55.9	91.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.4	U	55.4	91.3	120	ug/Kg
118-74-1	Hexachlorobenzene	59.7	U	59.7	91.3	120	ug/Kg
1912-24-9	Atrazine	64.2	U	64.2	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111624
Lab Sample ID:	P4848-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF140430.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.3	U	54.3	190	230	ug/Kg
85-01-8	Phenanthrene	59	U	59	91.3	120	ug/Kg
120-12-7	Anthracene	59.3	U	59.3	91.3	120	ug/Kg
86-74-8	Carbazole	56.4	U	56.4	91.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.2	U	59.2	91.3	120	ug/Kg
206-44-0	Fluoranthene	150		57.4	91.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	190		58.3	91.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	68	91.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.2	U	69.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	56.7	91.3	120	ug/Kg
218-01-9	Chrysene	110	J	55.8	91.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.9	U	63.9	91.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.3	U	77.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	73.3	J	57	91.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	91.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	96.2	J	65.3	91.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.8	U	54.8	91.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	91.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.3	U	56.3	91.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	91.3	120	ug/Kg
123-91-1	1,4-Dioxane	77.3	U	77.3	91.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.5	U	52.5	91.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.4	U	58.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	74.571		18-112		50	SPK: -150
13127-88-3	Phenol-d6	73.974		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	50.447		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	50.857		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF111624
Lab Sample ID:	P4848-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.7
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
BF140430.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.199		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	47.281		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115391	6.875				
1146-65-2	Naphthalene-d8	428679	8.151				
15067-26-2	Acenaphthene-d10	223055	9.91				
1517-22-2	Phenanthrene-d10	401877	11.398				
1719-03-5	Chrysene-d12	228846	14.045				
1520-96-3	Perylene-d12	261901	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	470	J			2.116	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.081	
1000342-70-4	1-Octadecanesulphonyl chloride	63.2	J			9.622	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	50.6	J			10.151	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	47.1	J			10.316	
000112-95-8	Eicosane	67	J			10.551	
000119-61-9	Benzophenone	120	J			10.616	
006975-98-0	Decane, 2-methyl-	93.9	J			10.816	
000629-59-4	Tetradecane	59.7	J			11.286	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			12.01	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140431.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.8	U	58.8	180	220	ug/Kg
110-86-1	Pyridine	54.1	U	54.1	88.1	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.6	U	65.6	88.1	120	ug/Kg
108-95-2	Phenol	56.2	U	56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.7	U	56.7	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	56.6	U	56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.3	U	57.3	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6	U	58.6	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	56.2	U	56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	54.6	U	54.6	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.6	U	61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	58.9	U	58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.1	U	54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	56.2	U	56.2	88.1	120	ug/Kg
98-95-3	Nitrobenzene	61.5	U	61.5	88.1	120	ug/Kg
78-59-1	Isophorone	57.3	U	57.3	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.1	U	63.1	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.1	U	58.1	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.8	U	57.8	88.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56	U	56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140431.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.8	U	58.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.5	U	52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.9	U	55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.1	U	50.1	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	59.2	U	59.2	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	55.3	U	55.3	88.1	120	ug/Kg
208-96-8	Acenaphthylene	58.6	U	58.6	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.4	U	56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	60.4	U	60.4	88.1	120	ug/Kg
83-32-9	Acenaphthene	54.9	U	54.9	88.1	120	ug/Kg
Total PAH	Total PAH	897.7	U	897.7	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.6	U	78.6	180	220	ug/Kg
132-64-9	Dibenzofuran	57.2	U	57.2	88.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.4	U	58.4	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.8	U	114.8	88.1	240	ug/Kg
84-66-2	Diethylphthalate	54.3	U	54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	88.1	120	ug/Kg
86-73-7	Fluorene	57.9	U	57.9	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	72.5	U	72.5	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.3	U	79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.3	U	55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	53.9	U	53.9	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.4	U	53.4	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	57.6	U	57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	61.9	U	61.9	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140431.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.4	U	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	56.9	U	56.9	88.1	120	ug/Kg
120-12-7	Anthracene	57.2	U	57.2	88.1	120	ug/Kg
86-74-8	Carbazole	54.4	U	54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.1	U	57.1	88.1	120	ug/Kg
206-44-0	Fluoranthene	55.3	U	55.3	88.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.2	U	56.2	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.6	U	65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.8	U	66.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.7	U	54.7	88.1	120	ug/Kg
218-01-9	Chrysene	53.9	U	53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.6	U	61.6	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.5	U	74.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.9	U	54.9	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.9	U	52.9	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.3	U	54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.8	U	58.8	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	74.5	U	74.5	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.6	U	50.6	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.4	U	56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	113.849		18-112		76	SPK: -150
13127-88-3	Phenol-d6	110.639		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	77.833		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	78.726		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24	SDG No.:	BF111624
Lab Sample ID:	P4821-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140431.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.728		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	73.819		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110779	6.875				
1146-65-2	Naphthalene-d8	411506	8.151				
15067-26-2	Acenaphthene-d10	221246	9.91				
1517-22-2	Phenanthrene-d10	411127	11.398				
1719-03-5	Chrysene-d12	239415	14.039				
1520-96-3	Perylene-d12	255602	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	920	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	51.3	A			5.092	
000119-61-9	Benzophenone	310	J			10.621	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	49.9	J			10.927	
000057-10-3	n-Hexadecanoic acid	210	J			11.922	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MS	SDG No.:	BF111624
Lab Sample ID:	P4821-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140432.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	990		58.9	180	220	ug/Kg
110-86-1	Pyridine	980		54.2	88.1	120	ug/Kg
100-52-7	Benzaldehyde	130	J	120	180	220	ug/Kg
62-53-3	Aniline	710		65.7	88.1	120	ug/Kg
108-95-2	Phenol	1000		56.2	88.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.8	88.1	120	ug/Kg
95-57-8	2-Chlorophenol	1000		56.6	88.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		57.4	88.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		58.3	88.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	980		58.7	88.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		56.3	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		54.7	88.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970		61.6	88.1	120	ug/Kg
98-86-2	Acetophenone	1000		58.9	88.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	1000		54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	950		27.3	54.2	54.2	ug/Kg
67-72-1	Hexachloroethane	960		56.3	88.1	120	ug/Kg
98-95-3	Nitrobenzene	970		61.6	88.1	120	ug/Kg
78-59-1	Isophorone	1000		57.4	88.1	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64.1	88.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.2	88.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	980		58.2	88.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.2	88.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	970		57.9	88.1	120	ug/Kg
65-85-0	Benzoic acid	1000		160	180	220	ug/Kg
91-20-3	Naphthalene	990		56	88.1	120	ug/Kg
106-47-8	4-Chloroaniline	300		56	88.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	980		56.5	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MS	SDG No.:	BF111624
Lab Sample ID:	P4821-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140432.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		52.5	88.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		55.9	88.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		48.4	88.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50.2	88.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		59.3	88.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		56.5	88.1	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.4	88.1	120	ug/Kg
131-11-3	Dimethylphthalate	1000		55.4	88.1	120	ug/Kg
208-96-8	Acenaphthylene	1100		58.7	88.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		56.4	88.1	120	ug/Kg
99-09-2	3-Nitroaniline	670		60.5	88.1	120	ug/Kg
83-32-9	Acenaphthene	1100		55	88.1	120	ug/Kg
Total PAH	Total PAH	15590		898.7	88.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	78.7	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.2	88.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		114.8	88.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		58.4	88.1	120	ug/Kg
84-66-2	Diethylphthalate	1000		54.3	88.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58	88.1	120	ug/Kg
86-73-7	Fluorene	1000		58	88.1	120	ug/Kg
100-01-6	4-Nitroaniline	950		72.6	88.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	940		79.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.3	88.1	120	ug/Kg
103-33-3	Azobenzene	1200		54	88.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		53.5	88.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		57.6	88.1	120	ug/Kg
1912-24-9	Atrazine	1200		62	88.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MS	SDG No.:	BF111624
Lab Sample ID:	P4821-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140432.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	1000		57	88.1	120	ug/Kg
120-12-7	Anthracene	1100		57.2	88.1	120	ug/Kg
86-74-8	Carbazole	1000		54.4	88.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1000		57.2	88.1	120	ug/Kg
206-44-0	Fluoranthene	890		55.4	88.1	120	ug/Kg
92-87-5	Benzidine	580		110	180	220	ug/Kg
129-00-0	Pyrene	1000		56.3	88.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		65.6	88.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800		66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1000		54.7	88.1	120	ug/Kg
218-01-9	Chrysene	1000		53.9	88.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		61.7	88.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		55	88.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56	88.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63.1	88.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	790		53	88.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	790		55.1	88.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		54.3	88.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.9	88.1	120	ug/Kg
123-91-1	1,4-Dioxane	960		74.6	88.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.7	88.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	960		56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.884		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.938		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	69.711		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	70.245		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MS	SDG No.:	BF111624
Lab Sample ID:	P4821-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140432.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.793		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	70.47		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124316	6.875				
1146-65-2	Naphthalene-d8	461071	8.157				
15067-26-2	Acenaphthene-d10	252226	9.91				
1517-22-2	Phenanthrene-d10	475583	11.398				
1719-03-5	Chrysene-d12	261264	14.051				
1520-96-3	Perylene-d12	262017	15.545				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MSD	SDG No.:	BF111624
Lab Sample ID:	P4821-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140433.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	970		58.9	180	220	ug/Kg
110-86-1	Pyridine	960		54.2	88.2	120	ug/Kg
100-52-7	Benzaldehyde	130	J	120	180	220	ug/Kg
62-53-3	Aniline	520		65.7	88.2	120	ug/Kg
108-95-2	Phenol	970		56.2	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	960		56.8	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	1000		56.6	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	980		57.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	950		58.3	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	950		58.7	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		56.3	180	220	ug/Kg
95-48-7	2-Methylphenol	960		54.7	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		61.7	88.2	120	ug/Kg
98-86-2	Acetophenone	980		58.9	88.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	990		54.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	920		27.3	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	930		56.3	88.2	120	ug/Kg
98-95-3	Nitrobenzene	950		61.6	88.2	120	ug/Kg
78-59-1	Isophorone	960		57.4	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	1000		64.1	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		63.2	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	950		58.2	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.2	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	920		57.9	88.2	120	ug/Kg
65-85-0	Benzoic acid	970		160	180	220	ug/Kg
91-20-3	Naphthalene	960		56	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	200		56	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	940		56.5	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MSD	SDG No.:	BF111624
Lab Sample ID:	P4821-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140433.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		52.6	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	970		56	88.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		48.4	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		50.2	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	990		59.3	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	970		56.5	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	1000		64.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	990		55.4	88.2	120	ug/Kg
208-96-8	Acenaphthylene	1100		58.7	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	960		56.4	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	550		60.5	88.2	120	ug/Kg
83-32-9	Acenaphthene	1100		55	88.2	120	ug/Kg
Total PAH	Total PAH	15170		898.8	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1900	E	78.7	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.3	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	950		114.9	88.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	990		58.5	88.2	120	ug/Kg
84-66-2	Diethylphthalate	960		54.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		58.1	88.2	120	ug/Kg
86-73-7	Fluorene	980		58	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	860		72.6	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	880		79.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		55.4	88.2	120	ug/Kg
103-33-3	Azobenzene	1100		54	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		53.5	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	990		57.7	88.2	120	ug/Kg
1912-24-9	Atrazine	1100		62	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MSD	SDG No.:	BF111624
Lab Sample ID:	P4821-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140433.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800		52.4	180	220	ug/Kg
85-01-8	Phenanthrene	1000		57	88.2	120	ug/Kg
120-12-7	Anthracene	1000		57.3	88.2	120	ug/Kg
86-74-8	Carbazole	940		54.5	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	950		57.2	88.2	120	ug/Kg
206-44-0	Fluoranthene	820		55.4	88.2	120	ug/Kg
92-87-5	Benzidine	540		110	180	220	ug/Kg
129-00-0	Pyrene	890		56.3	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	890		65.7	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	710		66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	990		54.7	88.2	120	ug/Kg
218-01-9	Chrysene	1000		53.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	880		61.7	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		55	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1100		63.1	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	750		53	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760		55.1	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640		54.3	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		58.9	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	940		74.6	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.7	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	920		56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.421		18-112		66	SPK: -150
13127-88-3	Phenol-d6	95.606		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	67.328		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	68.102		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	BP-F-24MSD	SDG No.:	BF111624
Lab Sample ID:	P4821-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
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
BF140433.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.709		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	62.12		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119493	6.875				
1146-65-2	Naphthalene-d8	442293	8.157				
15067-26-2	Acenaphthene-d10	241191	9.91				
1517-22-2	Phenanthrene-d10	435790	11.398				
1719-03-5	Chrysene-d12	249345	14.045				
1520-96-3	Perylene-d12	247757	15.527				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-01	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
BF140434.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-01	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
BF140434.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

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	3954.8	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
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.8	U	113.8	87.4	220	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:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-01	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
BF140434.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

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	180		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	560		54.9	87.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	500		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	510		54.3	87.4	110	ug/Kg
218-01-9	Chrysene	420		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	600		54.5	87.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		55.5	87.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	470		62.5	87.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		52.5	87.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.8	J	54.6	87.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		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	85.546		18-112		57	SPK: -150
13127-88-3	Phenol-d6	82.537		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	57.771		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	59.767		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF111624
Lab Sample ID:	P4823-01	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
BF140434.D	1	11/13/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	77.553		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	48.997		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117456	6.875				
1146-65-2	Naphthalene-d8	439698	8.151				
15067-26-2	Acenaphthene-d10	233669	9.91				
1517-22-2	Phenanthrene-d10	392979	11.398				
1719-03-5	Chrysene-d12	249274	14.045				
1520-96-3	Perylene-d12	209355	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	650	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	47.3	A			5.087	
000119-61-9	Benzophenone	290	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	50	J			10.927	
000057-10-3	n-Hexadecanoic acid	220	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			12.01	
002381-21-7	Pyrene, 1-methyl-	49.3	J			13.057	
000243-17-4	11H-Benzo[b]fluorene	60.1	J			13.169	
003353-12-6	Pyrene, 4-methyl-	49.5	J			13.274	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	45.9	J			13.786	
000479-79-8	11H-Benzo[a]fluoren-11-one	54.5	J			13.886	
000192-97-2	Benzo[e]pyrene	77.8	J			15.204	
000198-55-0	Perylene	310	J			15.398	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-2	SDG No.:	BF111624
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140435.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.1	U	91.1	280	350	ug/Kg
110-86-1	Pyridine	83.9	U	83.9	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87	U	87	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.9	U	87.9	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.7	U	87.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.8	U	88.8	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.3	U	90.3	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.8	U	90.8	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.1	U	87.1	280	350	ug/Kg
95-48-7	2-Methylphenol	84.6	U	84.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.4	U	95.4	140	180	ug/Kg
98-86-2	Acetophenone	91.2	U	91.2	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.8	U	83.8	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	84	84	ug/Kg
67-72-1	Hexachloroethane	87.1	U	87.1	140	180	ug/Kg
98-95-3	Nitrobenzene	95.3	U	95.3	140	180	ug/Kg
78-59-1	Isophorone	88.8	U	88.8	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.2	U	99.2	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.8	U	97.8	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.1	U	90.1	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.3	U	79.3	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.7	U	89.7	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.7	U	86.7	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.7	U	86.7	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-2	SDG No.:	BF111624
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140435.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.1	U	91.1	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.4	U	81.4	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.6	U	86.6	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75	U	75	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.7	U	77.7	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.8	U	91.8	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.7	U	99.7	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.8	U	85.8	140	180	ug/Kg
208-96-8	Acenaphthylene	90.8	U	90.8	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.6	U	93.6	140	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	140	180	ug/Kg
Total PAH	Total PAH	13720	U	1391	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.6	U	88.6	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.5	U	90.5	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	77.8	U	177.8	140	360	ug/Kg
84-66-2	Diethylphthalate	84.1	U	84.1	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.9	U	89.9	140	180	ug/Kg
86-73-7	Fluorene	89.8	U	89.8	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	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.7	U	85.7	140	180	ug/Kg
103-33-3	Azobenzene	83.6	U	83.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.8	U	82.8	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.2	U	89.2	140	180	ug/Kg
1912-24-9	Atrazine	95.9	U	95.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-2	SDG No.:	BF111624
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140435.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.1	U	81.1	280	350	ug/Kg
85-01-8	Phenanthrene	520		88.2	140	180	ug/Kg
120-12-7	Anthracene	160	J	88.6	140	180	ug/Kg
86-74-8	Carbazole	84.3	U	84.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.5	U	88.5	140	180	ug/Kg
206-44-0	Fluoranthene	2000		85.8	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	2000		87.1	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	1900		84.7	140	180	ug/Kg
218-01-9	Chrysene	1500		83.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.5	U	95.5	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		85.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		86.7	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	1600		97.6	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570		82	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		85.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	570		84.1	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.1	U	91.1	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	78.4	U	78.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.3	U	87.3	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.827		18-112		43	SPK: -150
13127-88-3	Phenol-d6	62.627		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	44.134		18-107		44	SPK: -100
321-60-8	2-Fluorobiphenyl	48.864		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-2	SDG No.:	BF111624
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140435.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.992		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	41.47		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116979	6.875				
1146-65-2	Naphthalene-d8	433268	8.151				
15067-26-2	Acenaphthene-d10	227549	9.91				
1517-22-2	Phenanthrene-d10	371496	11.398				
1719-03-5	Chrysene-d12	238440	14.045				
1520-96-3	Perylene-d12	217138	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	88.2	A			5.087	
000119-61-9	Benzophenone	270	J			10.616	
000832-69-9	Phenanthrene, 1-methyl-	180	J			11.898	
000613-12-7	Anthracene, 2-methyl-	280	J			11.927	
002531-84-2	Phenanthrene, 2-methyl-	100	J			11.974	
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J			12.01	
000612-94-2	Naphthalene, 2-phenyl-	120	J			12.192	
000781-43-1	9,10-Dimethylanthracene	180	J			12.451	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	170	J			12.486	
	unknown	12.539	J			12.539	
002381-21-7	Pyrene, 1-methyl-	120	J			13.063	
033543-31-6	Fluoranthene, 2-methyl-	210	J			13.169	
000243-17-4	11H-Benzo[b]fluorene	120	J			13.239	
003442-78-2	Pyrene, 2-methyl-	120	J			13.274	
000301-02-0	9-Octadecenamide, (Z)-	110	J			13.463	
002498-76-2	Benz[a]anthracene, 2-methyl-	90.6	J			14.433	
000192-97-2	Benzo[e]pyrene	270	J			15.21	
000198-55-0	Perylene	1100	J			15.41	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-2	SDG No.:	BF111624
Lab Sample ID:	P4768-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Decanted :	
		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140435.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000215-58-7	Benzo[b]triphenylene	170	J			17.209	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140436.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.2	U	55.2	170	210	ug/Kg
110-86-1	Pyridine	50.8	U	50.8	82.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.6	U	61.6	82.6	110	ug/Kg
108-95-2	Phenol	52.7	U	52.7	82.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.2	U	53.2	82.6	110	ug/Kg
95-57-8	2-Chlorophenol	53.1	U	53.1	82.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.8	U	53.8	82.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.7	U	54.7	82.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55	U	55	82.6	110	ug/Kg
100-51-6	Benzyl Alcohol	52.8	U	52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	51.2	U	51.2	82.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.8	U	57.8	82.6	110	ug/Kg
98-86-2	Acetophenone	55.2	U	55.2	82.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	52.8	U	52.8	82.6	110	ug/Kg
98-95-3	Nitrobenzene	57.7	U	57.7	82.6	110	ug/Kg
78-59-1	Isophorone	53.8	U	53.8	82.6	110	ug/Kg
88-75-5	2-Nitrophenol	60.1	U	60.1	82.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.2	U	59.2	82.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.5	U	54.5	82.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	82.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.3	U	54.3	82.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.5	U	52.5	82.6	110	ug/Kg
106-47-8	4-Chloroaniline	52.5	U	52.5	82.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140436.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.2	U	55.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.3	U	49.3	82.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.4	U	52.4	82.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.2	U	99.2	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.4	U	45.4	82.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	82.6	110	ug/Kg
92-52-4	1,1-Biphenyl	55.6	U	55.6	82.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	82.6	110	ug/Kg
88-74-4	2-Nitroaniline	60.4	U	60.4	82.6	110	ug/Kg
131-11-3	Dimethylphthalate	51.9	U	51.9	82.6	110	ug/Kg
208-96-8	Acenaphthylene	55	U	55	82.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.9	U	52.9	82.6	110	ug/Kg
99-09-2	3-Nitroaniline	56.7	U	56.7	82.6	110	ug/Kg
83-32-9	Acenaphthene	51.6	U	51.6	82.6	110	ug/Kg
Total PAH	Total PAH	842.3	U	842.3	82.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.7	U	73.7	170	210	ug/Kg
132-64-9	Dibenzofuran	53.7	U	53.7	82.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.7	U	107.7	82.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.8	U	54.8	82.6	110	ug/Kg
84-66-2	Diethylphthalate	50.9	U	50.9	82.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.4	U	54.4	82.6	110	ug/Kg
86-73-7	Fluorene	54.3	U	54.3	82.6	110	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	82.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.4	U	74.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.9	U	51.9	82.6	110	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	82.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.2	U	50.2	82.6	110	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.6	110	ug/Kg
1912-24-9	Atrazine	58.1	U	58.1	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140436.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.1	U	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	53.4	U	53.4	82.6	110	ug/Kg
120-12-7	Anthracene	53.7	U	53.7	82.6	110	ug/Kg
86-74-8	Carbazole	51	U	51	82.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.6	U	53.6	82.6	110	ug/Kg
206-44-0	Fluoranthene	51.9	U	51.9	82.6	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.8	U	52.8	82.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.5	U	61.5	82.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.7	U	62.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.3	U	51.3	82.6	110	ug/Kg
218-01-9	Chrysene	50.5	U	50.5	82.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.8	U	57.8	82.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.9	U	69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.6	U	51.6	82.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.5	U	52.5	82.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.1	U	59.1	82.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.6	U	49.6	82.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.6	U	51.6	82.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.9	U	50.9	82.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.2	U	55.2	82.6	110	ug/Kg
123-91-1	1,4-Dioxane	69.9	U	69.9	82.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.5	U	47.5	82.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.9	U	52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.351		18-112		58	SPK: -150
13127-88-3	Phenol-d6	83.833		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.289		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	63.85		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF111624
Lab Sample ID:	P4833-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140436.D	1	11/14/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.958		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	54.867		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118629	6.875				
1146-65-2	Naphthalene-d8	435635	8.151				
15067-26-2	Acenaphthene-d10	228104	9.91				
1517-22-2	Phenanthrene-d10	355089	11.398				
1719-03-5	Chrysene-d12	237316	14.045				
1520-96-3	Perylene-d12	176746	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	810	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	44.7	A			5.087	
000119-61-9	Benzophenone	160	J			10.621	
055000-52-7	Hexadecane, 2,6,10-trimethyl-	48.9	J			10.816	
000057-10-3	n-Hexadecanoic acid	95.8	J			11.922	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111624
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140437.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	55.9	U	55.9	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	55.9	U	55.9	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	56.1	U	56.1	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111624
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140437.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	52.2	U	52.2	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	48.1	U	48.1	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	56.1	U	56.1	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	1138.8	U	891.8	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.1	U	78.1	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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111624
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140437.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	99.4	J	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	190		55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	170		55.9	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	66.4	U	66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	130		54.3	87.5	110	ug/Kg
218-01-9	Chrysene	110		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	140		54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	65.4	J	55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	120		62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.8	J	52.6	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	61.2	J	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	69.892		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.805		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	49.685		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	52.908		20-109		53	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF111624
Lab Sample ID:	P4849-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
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
BF140437.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.127		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	44.559		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117554	6.875				
1146-65-2	Naphthalene-d8	430013	8.151				
15067-26-2	Acenaphthene-d10	221316	9.91				
1517-22-2	Phenanthrene-d10	343430	11.398				
1719-03-5	Chrysene-d12	235654	14.045				
1520-96-3	Perylene-d12	173242	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	470	J			2.122	
000119-61-9	Benzophenone	99.6	J			10.622	
000057-10-3	n-Hexadecanoic acid	140	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	46.2	J			12.01	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-4	SDG No.:	BF111624
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140438.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91	U	91	280	350	ug/Kg
110-86-1	Pyridine	83.8	U	83.8	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.9	U	86.9	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.8	U	87.8	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.6	U	87.6	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.7	U	88.7	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.2	U	90.2	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.7	U	90.7	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87	U	87	280	350	ug/Kg
95-48-7	2-Methylphenol	84.5	U	84.5	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.3	U	95.3	140	180	ug/Kg
98-86-2	Acetophenone	91.1	U	91.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.7	U	83.7	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.3	U	42.3	83.9	83.9	ug/Kg
67-72-1	Hexachloroethane	87	U	87	140	180	ug/Kg
98-95-3	Nitrobenzene	95.2	U	95.2	140	180	ug/Kg
78-59-1	Isophorone	88.7	U	88.7	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.1	U	99.1	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.7	U	97.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90	U	90	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.2	U	79.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.6	U	89.6	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.6	U	86.6	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.6	U	86.6	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.4	U	87.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-4	SDG No.:	BF111624
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140438.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91	U	91	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.3	U	81.3	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.5	U	86.5	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.9	U	74.9	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.6	U	77.6	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.7	U	91.7	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.4	U	87.4	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.6	U	99.6	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.7	U	85.7	140	180	ug/Kg
208-96-8	Acenaphthylene	90.7	U	90.7	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.3	U	87.3	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.5	U	93.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.1	U	85.1	140	180	ug/Kg
Total PAH	Total PAH	1389.7	U	1389.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.5	U	88.5	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	77.7	U	177.7	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.4	U	90.4	140	180	ug/Kg
84-66-2	Diethylphthalate	84	U	84	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.8	U	89.8	140	180	ug/Kg
86-73-7	Fluorene	89.7	U	89.7	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	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.6	U	85.6	140	180	ug/Kg
103-33-3	Azobenzene	83.5	U	83.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.7	U	82.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.1	U	89.1	140	180	ug/Kg
1912-24-9	Atrazine	95.9	U	95.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-4	SDG No.:	BF111624
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140438.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.1	U	81.1	280	350	ug/Kg
85-01-8	Phenanthrene	88.1	U	88.1	140	180	ug/Kg
120-12-7	Anthracene	88.5	U	88.5	140	180	ug/Kg
86-74-8	Carbazole	84.2	U	84.2	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.4	U	88.4	140	180	ug/Kg
206-44-0	Fluoranthene	85.7	U	85.7	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	87	U	87	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.6	U	84.6	140	180	ug/Kg
218-01-9	Chrysene	83.4	U	83.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.4	U	95.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.1	U	85.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.6	U	86.6	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.5	U	97.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.9	U	81.9	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.2	U	85.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84	U	84	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	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	78.3	U	78.3	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.3	U	87.3	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	56.972		18-112		38	SPK: -150
13127-88-3	Phenol-d6	55.047		15-107		37	SPK: -150
4165-60-0	Nitrobenzene-d5	37.957		18-107		38	SPK: -100
321-60-8	2-Fluorobiphenyl	44.159		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-4	SDG No.:	BF111624
Lab Sample ID:	P4768-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.9
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
BF140438.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	46.489		10-116		31	SPK: -150
1718-51-0	Terphenyl-d14	40.475		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126758	6.875				
1146-65-2	Naphthalene-d8	464845	8.151				
15067-26-2	Acenaphthene-d10	232288	9.91				
1517-22-2	Phenanthrene-d10	359240	11.398				
1719-03-5	Chrysene-d12	227936	14.045				
1520-96-3	Perylene-d12	171121	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.087	
001795-26-2	Cyclohexane, 1,3,5-trimethyl-, (1.	110	J			5.293	
013905-48-1	Cyclohexane, 1-bromo-3-methyl-	69.9	J			5.693	
000111-84-2	Nonane	160	J			5.781	
003728-54-9	Cyclohexane, 1-ethyl-2-methyl-	83.9	J			5.898	
003788-32-7	Cyclopentane, (2-methylpropyl)-	88.8	J			6.122	
000124-18-5	Decane	150	J			6.704	
000119-61-9	Benzophenone	230	J			10.622	
000057-10-3	n-Hexadecanoic acid	120	J			11.922	
000301-02-0	9-Octadecenamide, (Z)-	320	J			13.463	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111624
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140439.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.5	U	94.5	290	360	ug/Kg
110-86-1	Pyridine	87	U	87	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.2	U	90.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.1	U	91.1	140	190	ug/Kg
95-57-8	2-Chlorophenol	90.9	U	90.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.1	U	92.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.6	U	93.6	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.1	U	94.1	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.3	U	90.3	290	360	ug/Kg
95-48-7	2-Methylphenol	87.7	U	87.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.9	U	98.9	140	190	ug/Kg
98-86-2	Acetophenone	94.6	U	94.6	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	86.8	U	86.8	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.1	87.1	ug/Kg
67-72-1	Hexachloroethane	90.3	U	90.3	140	190	ug/Kg
98-95-3	Nitrobenzene	98.8	U	98.8	140	190	ug/Kg
78-59-1	Isophorone	92.1	U	92.1	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.4	U	93.4	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.2	U	82.2	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.9	U	92.9	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.9	U	89.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	89.9	U	89.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.7	U	90.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111624
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140439.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.5	U	94.5	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.3	U	84.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.8	U	89.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.7	U	77.7	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.5	U	80.5	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.1	U	95.1	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.7	U	90.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	140	190	ug/Kg
208-96-8	Acenaphthylene	94.1	U	94.1	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.5	U	90.5	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.1	U	97.1	140	190	ug/Kg
83-32-9	Acenaphthene	88.3	U	88.3	140	190	ug/Kg
Total PAH	Total PAH	1440.8	U	1440.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.8	U	91.8	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	184.3	U	184.3	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.8	U	93.8	140	190	ug/Kg
84-66-2	Diethylphthalate	87.2	U	87.2	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.2	U	93.2	140	190	ug/Kg
86-73-7	Fluorene	93	U	93	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.8	U	88.8	140	190	ug/Kg
103-33-3	Azobenzene	86.6	U	86.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.9	U	85.9	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.5	U	92.5	140	190	ug/Kg
1912-24-9	Atrazine	99.5	U	99.5	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111624
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140439.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.1	U	84.1	290	360	ug/Kg
85-01-8	Phenanthrene	91.4	U	91.4	140	190	ug/Kg
120-12-7	Anthracene	91.8	U	91.8	140	190	ug/Kg
86-74-8	Carbazole	87.4	U	87.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.7	U	91.7	140	190	ug/Kg
206-44-0	Fluoranthene	88.9	U	88.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	90.3	U	90.3	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	87.8	U	87.8	140	190	ug/Kg
218-01-9	Chrysene	86.5	U	86.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99	U	99	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.3	U	88.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.9	U	89.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85	U	85	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.4	U	88.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.2	U	87.2	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.5	U	94.5	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.3	U	81.3	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.5	U	90.5	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.317		18-112		58	SPK: -150
13127-88-3	Phenol-d6	83.88		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.476		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	66.813		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-3-3	SDG No.:	BF111624
Lab Sample ID:	P4768-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
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
BF140439.D	1	11/8/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.512		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	59.775		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120352	6.875				
1146-65-2	Naphthalene-d8	438607	8.151				
15067-26-2	Acenaphthene-d10	211600	9.91				
1517-22-2	Phenanthrene-d10	334769	11.398				
1719-03-5	Chrysene-d12	225236	14.045				
1520-96-3	Perylene-d12	162313	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.128	
004744-10-9	Propane, 1,1-dimethoxy-	74	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.087	
000119-61-9	Benzophenone	350	J			10.622	
000057-10-3	n-Hexadecanoic acid	230	J			11.922	
000301-02-0	9-Octadecenamide, (Z)-	450	J			13.463	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424	SDG No.:	BF111624
Lab Sample ID:	P4859-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140440.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	54.2	U	54.2	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	54.2	U	54.2	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	61.7	U	61.7	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	49.3	U	49.3	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	54.4	U	54.4	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424	SDG No.:	BF111624
Lab Sample ID:	P4859-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140440.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	54.4	U	54.4	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	1150.3	U	864.8	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	52.3	U	52.3	84.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.9	U	55.9	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	55.5	U	55.5	84.8	110	ug/Kg
1912-24-9	Atrazine	59.6	U	59.6	84.8	110	ug/Kg



Client:				Date Collected:	11/14/2024 12:00:00 AM	
Project:				Date Received:	11/14/2024 12:00:00 AM	
Client Sample ID:	NB-08-111424			SDG No.:	BF111624	
Lab Sample ID:	P4859-01			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.1	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140440.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

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	120		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	220		53.3	84.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	200		54.2	84.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.2	U	63.2	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	98	J	52.7	84.8	110	ug/Kg
218-01-9	Chrysene	100	J	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	120		52.9	84.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	61.9	J	53.9	84.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	110		60.7	84.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.9	J	51	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	68.5	J	52.3	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	51.31		18-112		34	SPK: -150
13127-88-3	Phenol-d6	48.753		15-107		33	SPK: -150
4165-60-0	Nitrobenzene-d5	35.257		18-107		35	SPK: -100
321-60-8	2-Fluorobiphenyl	41.104		20-109		41	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	NB-08-111424	SDG No.:	BF111624
Lab Sample ID:	P4859-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140440.D	1	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	42.134		10-116		28	SPK: -150
1718-51-0	Terphenyl-d14	38.851		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121165	6.875				
1146-65-2	Naphthalene-d8	435470	8.151				
15067-26-2	Acenaphthene-d10	205308	9.91				
1517-22-2	Phenanthrene-d10	336548	11.398				
1719-03-5	Chrysene-d12	211965	14.045				
1520-96-3	Perylene-d12	158818	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
001074-43-7	Benzene, 1-methyl-3-propyl-	47	J			7.145	
1000155-85-6	cis-Decalin, 2-syn-methyl-	45.2	J			7.675	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	47.8	J			7.892	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	57	J			8.657	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	55.7	J			8.975	
000629-59-4	Tetradecane	56.8	J			9.304	
000582-16-1	Naphthalene, 2,7-dimethyl-	45.7	J			9.563	
000629-50-5	Tridecane	53.1	J			9.834	
000544-77-4	Hexadecane, 1-iodo-	60	J			10.334	
000119-61-9	Benzophenone	69.4	J			10.622	
001560-96-9	Tridecane, 2-methyl-	74.2	J			10.81	
002531-84-2	Phenanthrene, 2-methyl-	96.8	J			11.922	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	49.4	J			12.01	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	ETGI-328	SDG No.:	BF111624
Lab Sample ID:	P4857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	5.07	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
BF140441.D	50	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	28800	U	28800	89500	109300	ug/Kg
110-86-1	Pyridine	26500	U	26500	43100	56300	ug/Kg
100-52-7	Benzaldehyde	60300	U	60300	89500	109300	ug/Kg
62-53-3	Aniline	32100	U	32100	43100	56300	ug/Kg
108-95-2	Phenol	27500	U	27500	43100	56300	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	27700	U	27700	43100	56300	ug/Kg
95-57-8	2-Chlorophenol	27700	U	27700	43100	56300	ug/Kg
95-50-1	1,2-Dichlorobenzene	28000	U	28000	43100	56300	ug/Kg
541-73-1	1,3-Dichlorobenzene	28500	U	28500	43100	56300	ug/Kg
106-46-7	1,4-Dichlorobenzene	28700	U	28700	43100	56300	ug/Kg
100-51-6	Benzyl Alcohol	27500	U	27500	89500	109300	ug/Kg
95-48-7	2-Methylphenol	26700	U	26700	43100	56300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30100	U	30100	43100	56300	ug/Kg
98-86-2	Acetophenone	28800	U	28800	43100	56300	ug/Kg
65794-96-9	3+4-Methylphenols	26400	U	26400	89500	109300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	13400	U	13400	26500	26500	ug/Kg
67-72-1	Hexachloroethane	27500	U	27500	43100	56300	ug/Kg
98-95-3	Nitrobenzene	30100	U	30100	43100	56300	ug/Kg
78-59-1	Isophorone	28000	U	28000	43100	56300	ug/Kg
88-75-5	2-Nitrophenol	31300	U	31300	43100	56300	ug/Kg
105-67-9	2,4-Dimethylphenol	30900	U	30900	43100	56300	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	28400	U	28400	43100	56300	ug/Kg
120-83-2	2,4-Dichlorophenol	25000	U	25000	43100	56300	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	28300	U	28300	43100	56300	ug/Kg
65-85-0	Benzoic acid	78500	U	78500	89500	109300	ug/Kg
91-20-3	Naphthalene	27400	U	27400	43100	56300	ug/Kg
106-47-8	4-Chloroaniline	27400	U	27400	43100	56300	ug/Kg
87-68-3	Hexachlorobutadiene	27600	U	27600	43100	56300	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	ETGI-328	SDG No.:	BF111624
Lab Sample ID:	P4857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	5.07	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
BF140441.D	50	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	28800	U	28800	89500	109300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	25700	U	25700	43100	56300	ug/Kg
91-57-6	2-Methylnaphthalene	27300	U	27300	43100	56300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	51700	U	51700	89500	109300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23700	U	23700	43100	56300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	24500	U	24500	43100	56300	ug/Kg
92-52-4	1,1-Biphenyl	29000	U	29000	43100	56300	ug/Kg
91-58-7	2-Chloronaphthalene	27600	U	27600	43100	56300	ug/Kg
88-74-4	2-Nitroaniline	31500	U	31500	43100	56300	ug/Kg
131-11-3	Dimethylphthalate	27100	U	27100	43100	56300	ug/Kg
208-96-8	Acenaphthylene	28700	U	28700	43100	56300	ug/Kg
606-20-2	2,6-Dinitrotoluene	27600	U	27600	43100	56300	ug/Kg
99-09-2	3-Nitroaniline	29600	U	29600	43100	56300	ug/Kg
Total PAH	Total PAH	439100	U	439100	43100	900800	ug/Kg
83-32-9	Acenaphthene	26900	U	26900	43100	56300	ug/Kg
51-28-5	2,4-Dinitrophenol	80500	U	80500	89500	109300	ug/Kg
100-02-7	4-Nitrophenol	38400	U	38400	89500	109300	ug/Kg
132-64-9	Dibenzofuran	28000	U	28000	43100	56300	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	56200	U	56200	43100	112600	ug/Kg
121-14-2	2,4-Dinitrotoluene	28600	U	28600	43100	56300	ug/Kg
84-66-2	Diethylphthalate	26500	U	26500	43100	56300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28400	U	28400	43100	56300	ug/Kg
86-73-7	Fluorene	28300	U	28300	43100	56300	ug/Kg
100-01-6	4-Nitroaniline	35400	U	35400	43100	56300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38800	U	38800	89500	109300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	27000	U	27000	43100	56300	ug/Kg
103-33-3	Azobenzene	26400	U	26400	43100	56300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26100	U	26100	43100	56300	ug/Kg
118-74-1	Hexachlorobenzene	28200	U	28200	43100	56300	ug/Kg
1912-24-9	Atrazine	30300	U	30300	43100	56300	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	ETGI-328	SDG No.:	BF111624
Lab Sample ID:	P4857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	5.07	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
BF140441.D	50	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	25600	U	25600	89500	109300	ug/Kg
85-01-8	Phenanthrene	87800		27800	43100	56300	ug/Kg
120-12-7	Anthracene	28000	U	28000	43100	56300	ug/Kg
86-74-8	Carbazole	26600	U	26600	43100	56300	ug/Kg
84-74-2	Di-n-butylphthalate	27900	U	27900	43100	56300	ug/Kg
206-44-0	Fluoranthene	27100	U	27100	43100	56300	ug/Kg
92-87-5	Benzidine	54000	U	54000	89500	109300	ug/Kg
129-00-0	Pyrene	27500	U	27500	43100	56300	ug/Kg
85-68-7	Butylbenzylphthalate	32100	U	32100	43100	56300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	32700	U	32700	89500	109300	ug/Kg
56-55-3	Benzo(a)anthracene	26700	U	26700	43100	56300	ug/Kg
218-01-9	Chrysene	26300	U	26300	43100	56300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30100	U	30100	43100	56300	ug/Kg
117-84-0	Di-n-octyl phthalate	36400	U	36400	89500	109300	ug/Kg
205-99-2	Benzo(b)fluoranthene	26900	U	26900	43100	56300	ug/Kg
207-08-9	Benzo(k)fluoranthene	27400	U	27400	43100	56300	ug/Kg
50-32-8	Benzo(a)pyrene	30800	U	30800	43100	56300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	25900	U	25900	43100	56300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26900	U	26900	43100	56300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26500	U	26500	43100	56300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28800	U	28800	43100	56300	ug/Kg
123-91-1	1,4-Dioxane	36400	U	36400	43100	56300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	24700	U	24700	43100	56300	ug/Kg
90-12-0	1-Methylnaphthalene	27600	U	27600	56300	56300	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	41.7		18-112		28	SPK: -150
13127-88-3	Phenol-d6	47.25		15-107		31	SPK: -150
4165-60-0	Nitrobenzene-d5	36		18-107		36	SPK: -100
321-60-8	2-Fluorobiphenyl	63.8		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	ETGI-328	SDG No.:	BF111624
Lab Sample ID:	P4857-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
Sample Wt/Vol:	5.07	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
BF140441.D	50	11/15/2024 12:00:00 AM	11/16/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.4		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	62.45		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118975	6.875				
1146-65-2	Naphthalene-d8	445154	8.151				
15067-26-2	Acenaphthene-d10	217453	9.91				
1517-22-2	Phenanthrene-d10	317466	11.41				
1719-03-5	Chrysene-d12	221472	14.057				
1520-96-3	Perylene-d12	174018	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown9.304	51600	J			9.304	
000581-40-8	Naphthalene, 2,3-dimethyl-	32600	J			9.569	
	unknown9.622	107900	J			9.622	
	unknown9.775	71500	J			9.775	
	unknown9.822	114900	J			9.822	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	123000	J			10.233	
	unknown10.322	208300	J			10.322	
025117-24-2	Tetradecane, 4-methyl-	220900	J			10.833	

Hit Summary Sheet SW-846

SDG No.: BF111624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : B-3-2								
P4768-02	B-3-2	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P4768-02	B-3-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	88.200	A		
P4768-02	B-3-2	Solid	4H-Cyclopenta[def]phenanthrene	*	540.000	J		
P4768-02	B-3-2	Solid	9,10-Dimethylanthracene	*	180.000	J		
P4768-02	B-3-2	Solid	9-Octadecenamide, (Z)-	*	110.000	J		
P4768-02	B-3-2	Solid	Anthracene, 2-methyl-	*	280.000	J		
P4768-02	B-3-2	Solid	Benz[a]anthracene, 2-methyl-	*	90.600	J		
P4768-02	B-3-2	Solid	Benzo[b]triphenylene	*	170.000	J		
P4768-02	B-3-2	Solid	Benzo[e]pyrene	*	270.000	J		
P4768-02	B-3-2	Solid	Benzophenone	*	270.000	J		
P4768-02	B-3-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4768-02	B-3-2	Solid	Fluoranthene, 2-methyl-	*	210.000	J		
P4768-02	B-3-2	Solid	Naphthalene, 2-phenyl-	*	120.000	J		
P4768-02	B-3-2	Solid	Perylene	*	1,100.000	J		
P4768-02	B-3-2	Solid	Phenanthrene, 1-methyl-	*	180.000	J		
P4768-02	B-3-2	Solid	Phenanthrene, 2-methyl-	*	100.000	J		
P4768-02	B-3-2	Solid	Pyrene, 1-methyl-	*	120.000	J		
P4768-02	B-3-2	Solid	Pyrene, 2-methyl-	*	120.000	J		
P4768-02	B-3-2	Solid	Pyrene, 4,5,9,10-tetrahydro-	*	170.000	J		
P4768-02	B-3-2	Solid	unknown12.539	*	100.000	J		
Total Tics :					5,838.80			
P4768-02	B-3-2	Solid	Anthracene		160.000	J	88.6	ug/Kg
P4768-02	B-3-2	Solid	Benzo(a)anthracene		1,900.000		84.7	ug/Kg
P4768-02	B-3-2	Solid	Benzo(a)pyrene		1,600.000		97.6	ug/Kg
P4768-02	B-3-2	Solid	Benzo(b)fluoranthene		1,800.000		85.1	ug/Kg
P4768-02	B-3-2	Solid	Benzo(g,h,i)perylene		570.000		84.1	ug/Kg
P4768-02	B-3-2	Solid	Benzo(k)fluoranthene		870.000		86.7	ug/Kg
P4768-02	B-3-2	Solid	Chrysene		1,500.000		83.5	ug/Kg
P4768-02	B-3-2	Solid	Dibenzo(a,h)anthracene		230.000		85.2	ug/Kg
P4768-02	B-3-2	Solid	Fluoranthene		2,000.000		85.8	ug/Kg
P4768-02	B-3-2	Solid	Indeno(1,2,3-cd)pyrene		570.000		82	ug/Kg
P4768-02	B-3-2	Solid	Phenanthrene		520.000		88.2	ug/Kg
P4768-02	B-3-2	Solid	Pyrene		2,000.000		87.1	ug/Kg
Total Svoc :					13,720.00			
Total Concentration:					19,558.80			
Client ID : B-3-3								
P4768-03	B-3-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		

Hit Summary Sheet SW-846

SDG No.: BF111624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4768-03	B-3-3	Solid	9-Octadecenamide, (Z)-	*	450.000	J		
P4768-03	B-3-3	Solid	Benzophenone	*	350.000	J		
P4768-03	B-3-3	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P4768-03	B-3-3	Solid	n-Hexadecanoic acid	*	230.000	J		
P4768-03	B-3-3	Solid	Propane, 1,1-dimethoxy-	*	74.000	J		
Total Tics :					3,434.00			
Total Concentration:					3,434.00			
Client ID : B-4								
P4768-04	B-4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P4768-04	B-4	Solid	9-Octadecenamide, (Z)-	*	320.000	J		
P4768-04	B-4	Solid	Benzophenone	*	230.000	J		
P4768-04	B-4	Solid	Cyclohexane, 1,3,5-trimethyl-, (1.	*	110.000	J		
P4768-04	B-4	Solid	Cyclohexane, 1-bromo-3-methyl-	*	69.900	J		
P4768-04	B-4	Solid	Cyclohexane, 1-ethyl-2-methyl-	*	83.900	J		
P4768-04	B-4	Solid	Cyclopentane, (2-methylpropyl)-	*	88.800	J		
P4768-04	B-4	Solid	Decane	*	150.000	J		
P4768-04	B-4	Solid	n-Hexadecanoic acid	*	120.000	J		
P4768-04	B-4	Solid	Nonane	*	160.000	J		
Total Tics :					1,442.60			
Total Concentration:					1,442.60			
Client ID : BP-F-24								
P4821-01	BP-F-24	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	51.300	A		
P4821-01	BP-F-24	Solid	Benzophenone	*	310.000	J		
P4821-01	BP-F-24	Solid	Butane, 2-methoxy-2-methyl-	*	920.000	J		
P4821-01	BP-F-24	Solid	Methanone, (1-hydroxycyclohexy	*	49.900	J		
P4821-01	BP-F-24	Solid	n-Hexadecanoic acid	*	210.000	J		
Total Tics :					1,541.20			
Total Concentration:					1,541.20			
Client ID : BP-F-2								
P4821-05	BP-F-2	Solid	Benzophenone	*	150.000	J		
P4821-05	BP-F-2	Solid	Butane, 2-methoxy-2-methyl-	*	720.000	J		
P4821-05	BP-F-2	Solid	n-Hexadecanoic acid	*	170.000	J		
Total Tics :					1,040.00			
Total Concentration:					1,040.00			
Client ID : MH-4								
P4823-01	MH-4	Solid	11H-Benzo[a]fluoren-11-one	*	54.500	J		
P4823-01	MH-4	Solid	11H-Benzo[b]fluorene	*	60.100	J		
P4823-01	MH-4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	47.300	A		
P4823-01	MH-4	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BF111624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4823-01	MH-4	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	45.900	J		
P4823-01	MH-4	Solid	Benzo[e]pyrene	*	77.800	J		
P4823-01	MH-4	Solid	Benzophenone	*	290.000	J		
P4823-01	MH-4	Solid	Butane, 2-methoxy-2-methyl-	*	650.000	J		
P4823-01	MH-4	Solid	Methanone, (1-hydroxycyclohexy	*	50.000	J		
P4823-01	MH-4	Solid	n-Hexadecanoic acid	*	220.000	J		
P4823-01	MH-4	Solid	Perylene	*	310.000	J		
P4823-01	MH-4	Solid	Pyrene, 1-methyl-	*	49.300	J		
P4823-01	MH-4	Solid	Pyrene, 4-methyl-	*	49.500	J		
Total Tics :					2,014.40			
P4823-01	MH-4	Solid	Benzo(a)anthracene		510.000		54.3	110 ug/Kg
P4823-01	MH-4	Solid	Benzo(a)pyrene		470.000		62.5	110 ug/Kg
P4823-01	MH-4	Solid	Benzo(b)fluoranthene		600.000		54.5	110 ug/Kg
P4823-01	MH-4	Solid	Benzo(g,h,i)perylene		210.000		53.8	110 ug/Kg
P4823-01	MH-4	Solid	Benzo(k)fluoranthene		240.000		55.5	110 ug/Kg
P4823-01	MH-4	Solid	Chrysene		420.000		53.4	110 ug/Kg
P4823-01	MH-4	Solid	Dibenzo(a,h)anthracene		64.800	J	54.6	110 ug/Kg
P4823-01	MH-4	Solid	Fluoranthene		560.000		54.9	110 ug/Kg
P4823-01	MH-4	Solid	Indeno(1,2,3-cd)pyrene		200.000		52.5	110 ug/Kg
P4823-01	MH-4	Solid	Phenanthrene		180.000		56.5	110 ug/Kg
P4823-01	MH-4	Solid	Pyrene		500.000		55.8	110 ug/Kg
Total Svoc :					3,954.80			
Total Concentration:					5,969.20			
Client ID : T-20								
P4824-01	T-20	Solid	Butane, 2-methoxy-2-methyl-	*	510.000	J		
P4824-01	T-20	Solid	Heptadecane, 2,6,10,15-tetramethy	*	48.900	J		
P4824-01	T-20	Solid	Undecane, 6-ethyl-	*	400.000	J		
P4824-01	T-20	Solid	unknown9.775	*	48.100	J		
P4824-01	T-20	Solid	unknown9.816	*	55.900	J		
Total Tics :					1,062.90			
P4824-01	T-20	Solid	Bis(2-ethylhexyl)phthalate		170.000		54.5	100 ug/Kg
Total Svoc :					170.00			
Total Concentration:					1,232.90			
Client ID : MH-731								
P4833-01	MH-731	Solid	Benzophenone	*	200.000	J		
P4833-01	MH-731	Solid	Butane, 2-methoxy-2-methyl-	*	940.000	J		
P4833-01	MH-731	Solid	n-Hexadecanoic acid	*	140.000	J		
Total Tics :					1,280.00			
Total Concentration:					1,280.00			

Hit Summary Sheet SW-846

SDG No.: BF111624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-2								
P4833-05	TP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	44.700	A			
P4833-05	TP-2	Solid	Benzophenone *	160.000	J			
P4833-05	TP-2	Solid	Butane, 2-methoxy-2-methyl-	810.000	J			
P4833-05	TP-2	Solid	Hexadecane, 2,6,10-trimethyl-	48.900	J			
P4833-05	TP-2	Solid	n-Hexadecanoic acid *	95.800	J			
Total Tics :				1,159.40				
Total Concentration:				1,159.40				
Client ID : TP-1								
P4848-01	TP-1	Solid	1-Octadecanesulphonyl chloride *	63.200	J			
P4848-01	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	130.000	A			
P4848-01	TP-1	Solid	4H-Cyclopenta[def]phenanthrene *	120.000	J			
P4848-01	TP-1	Solid	Benzophenone *	120.000	J			
P4848-01	TP-1	Solid	Butane, 2-methoxy-2-methyl-	470.000	J			
P4848-01	TP-1	Solid	Decane, 2-methyl-	93.900	J			
P4848-01	TP-1	Solid	Eicosane *	67.000	J			
P4848-01	TP-1	Solid	Naphthalene, 1,6,7-trimethyl-	47.100	J			
P4848-01	TP-1	Solid	Naphthalene, 2,3,6-trimethyl-	50.600	J			
P4848-01	TP-1	Solid	Tetradecane *	59.700	J			
Total Tics :				1,221.50				
P4848-01	TP-1	Solid	Benzo(a)anthracene	110.000	J	56.7	120	ug/Kg
P4848-01	TP-1	Solid	Benzo(a)pyrene	96.200	J	65.3	120	ug/Kg
P4848-01	TP-1	Solid	Benzo(b)fluoranthene	73.300	J	57	120	ug/Kg
P4848-01	TP-1	Solid	Chrysene	110.000	J	55.8	120	ug/Kg
P4848-01	TP-1	Solid	Fluoranthene	150.000		57.4	120	ug/Kg
P4848-01	TP-1	Solid	Pyrene	190.000		58.3	120	ug/Kg
Total Svoc :				729.50				
Total Concentration:				1,951.00				
Client ID : RR-1								
P4849-01	RR-1	Solid	4H-Cyclopenta[def]phenanthrene *	46.200	J			
P4849-01	RR-1	Solid	Benzophenone *	99.600	J			
P4849-01	RR-1	Solid	Butane, 2-methoxy-2-methyl-	470.000	J			
P4849-01	RR-1	Solid	n-Hexadecanoic acid *	140.000	J			
Total Tics :				755.80				
P4849-01	RR-1	Solid	Benzo(a)anthracene	130.000		54.3	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(a)pyrene	120.000		62.6	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(b)fluoranthene	140.000		54.6	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(g,h,i)perylene	61.200	J	53.9	110	ug/Kg
P4849-01	RR-1	Solid	Benzo(k)fluoranthene	65.400	J	55.6	110	ug/Kg
P4849-01	RR-1	Solid	Chrysene	110.000		53.5	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF111624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4849-01	RR-1	Solid	Fluoranthene	190.000		55	110	ug/Kg
P4849-01	RR-1	Solid	Indeno(1,2,3-cd)pyrene	52.800	J	52.6	110	ug/Kg
P4849-01	RR-1	Solid	Phenanthrene	99.400	J	56.5	110	ug/Kg
P4849-01	RR-1	Solid	Pyrene	170.000		55.9	110	ug/Kg
Total Svoc :				1,138.80				
Total Concentration:				1,894.60				
Client ID : ETGI-328								
P4857-01	ETGI-328	Solid	Naphthalene, 1,6,7-trimethyl-	*	123,000.000	J		
P4857-01	ETGI-328	Solid	Naphthalene, 2,3-dimethyl-	*	32,600.000	J		
P4857-01	ETGI-328	Solid	Tetradecane, 4-methyl-	*	220,900.000	J		
P4857-01	ETGI-328	Solid	unknown10.322	*	208,300.000	J		
P4857-01	ETGI-328	Solid	unknown9.304	*	51,600.000	J		
P4857-01	ETGI-328	Solid	unknown9.622	*	107,900.000	J		
P4857-01	ETGI-328	Solid	unknown9.775	*	71,500.000	J		
P4857-01	ETGI-328	Solid	unknown9.822	*	114,900.000	J		
Total Tics :				930,700.00				
P4857-01	ETGI-328	Solid	Phenanthrene		87,800.000	27800	56300	ug/Kg
Total Svoc :				87,800.00				
Total Concentration:				1,018,500.00				
Client ID : NB-08-111424								
P4859-01	NB-08-111424	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	49.400	J		
P4859-01	NB-08-111424	Solid	Benzene, 1-methyl-3-propyl-	*	47.000	J		
P4859-01	NB-08-111424	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	47.800	J		
P4859-01	NB-08-111424	Solid	Benzophenone	*	69.400	J		
P4859-01	NB-08-111424	Solid	cis-Decalin, 2-syn-methyl-	*	45.200	J		
P4859-01	NB-08-111424	Solid	Hexadecane, 1-iodo-	*	60.000	J		
P4859-01	NB-08-111424	Solid	Naphthalene, 1,2,3,4-tetrahydro-1	*	55.700	J		
P4859-01	NB-08-111424	Solid	Naphthalene, 1,2,3,4-tetrahydro-5	*	57.000	J		
P4859-01	NB-08-111424	Solid	Naphthalene, 2,7-dimethyl-	*	45.700	J		
P4859-01	NB-08-111424	Solid	Phenanthrene, 2-methyl-	*	96.800	J		
P4859-01	NB-08-111424	Solid	Tetradecane	*	56.800	J		
P4859-01	NB-08-111424	Solid	Tridecane	*	53.100	J		
P4859-01	NB-08-111424	Solid	Tridecane, 2-methyl-	*	74.200	J		
Total Tics :				758.10				
P4859-01	NB-08-111424	Solid	Benzo(a)anthracene		98.000	J	52.7	110 ug/Kg
P4859-01	NB-08-111424	Solid	Benzo(a)pyrene		110.000		60.7	110 ug/Kg
P4859-01	NB-08-111424	Solid	Benzo(b)fluoranthene		120.000		52.9	110 ug/Kg
P4859-01	NB-08-111424	Solid	Benzo(g,h,i)perylene		68.500	J	52.3	110 ug/Kg
P4859-01	NB-08-111424	Solid	Benzo(k)fluoranthene		61.900	J	53.9	110 ug/Kg
P4859-01	NB-08-111424	Solid	Chrysene		100.000	J	51.9	110 ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BF111624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4859-01	NB-08-111424	Solid	Fluoranthene	220.000		53.3	110	ug/Kg
P4859-01	NB-08-111424	Solid	Indeno(1,2,3-cd)pyrene	51.900	J	51	110	ug/Kg
P4859-01	NB-08-111424	Solid	Phenanthrene	120.000		54.8	110	ug/Kg
P4859-01	NB-08-111424	Solid	Pyrene	200.000		54.2	110	ug/Kg
Total Svoc :						1,150.30		
Total Concentration:						1,908.40		



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324

Instrument ID: _____ Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111324

SAS No.: BF111324

SDG No.: BF111324

Instrument ID: _____

Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6

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.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9

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.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Benzo(b)fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(b)fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(k)fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(k)fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(a)pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Benzo(a)pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Indeno(1,2,3-cd)pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Indeno(1,2,3-cd)pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Dibenzo(a,h)anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Dibenzo(a,h)anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Benzo(g,h,i)perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
Benzo(g,h,i)perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4

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.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040

Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140336.D

Time Analyzed: 10:02

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	148463	6.881	586279	8.16	331728	9.92
	UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
	LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
	EPA SAMPLE NO.						
01	PB164993BL	168054	6.88	642488	8.15	365710	9.91
02	PB164993BS	169538	6.88	648089	8.16	365262	9.92
03	BP-F-24	102865	6.88	380190	8.15	144379 *	9.91
04	BP-F-2	103687	6.88	391201	8.15	215698	9.91
05	MH-4	121528	6.88	464670	8.15	255128	9.91
06	MH-731	112093	6.88	426091	8.15	230259	9.91
07	TP-2	108709	6.88	405539	8.15	218341	9.91
08	T-20	110799	6.88	418104	8.15	215114	9.91
09	BP-F-2	124880	6.88	473478	8.15	253920	9.91
10	MH-731	112728	6.88	413818	8.15	219218	9.91
11	MH-731MS	121371	6.88	446879	8.16	242656	9.91
12	MH-731MSD	120300	6.88	442674	8.16	239484	9.91
13	TP-1	115391	6.88	428679	8.15	223055	9.91
14	BP-F-24	110779	6.88	411506	8.15	221246	9.91
15	BP-F-24MS	124316	6.88	461071	8.16	252226	9.91
16	BP-F-24MSD	119493	6.88	442293	8.16	241191	9.91
17	MH-4	117456	6.88	439698	8.15	233669	9.91
18	B-3-2	116979	6.88	433268	8.15	227549	9.91
19	TP-2	118629	6.88	435635	8.15	228104	9.91
20	RR-1	117554	6.88	430013	8.15	221316	9.91
21	B-4	126758	6.88	464845	8.15	232288	9.91
22	B-3-3	120352	6.88	438607	8.15	211600	9.91
23	NB-08-111424	121165	6.88	435470	8.15	205308	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 20:11

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	148463	6.881	586279	8.16	331728	9.92
UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
EPA SAMPLE NO.						
24 ETGI-328	118975	6.88	445154	8.15	217453	9.91

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.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040

Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140340.D

Time Analyzed: 10:02

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	147186	6.875	589077	8.16	334544	9.92
	UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
	LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
	EPA SAMPLE NO.						
01	PB164993BL	168054	6.88	642488	8.15	365710	9.91
02	PB164993BS	169538	6.88	648089	8.16	365262	9.92
03	BP-F-24	102865	6.88	380190	8.15	144379 *	9.91
04	BP-F-2	103687	6.88	391201	8.15	215698	9.91
05	MH-4	121528	6.88	464670	8.15	255128	9.91
06	MH-731	112093	6.88	426091	8.15	230259	9.91
07	TP-2	108709	6.88	405539	8.15	218341	9.91
08	T-20	110799	6.88	418104	8.15	215114	9.91
09	BP-F-2	124880	6.88	473478	8.15	253920	9.91
10	MH-731	112728	6.88	413818	8.15	219218	9.91
11	MH-731MS	121371	6.88	446879	8.16	242656	9.91
12	MH-731MSD	120300	6.88	442674	8.16	239484	9.91
13	TP-1	115391	6.88	428679	8.15	223055	9.91
14	BP-F-24	110779	6.88	411506	8.15	221246	9.91
15	BP-F-24MS	124316	6.88	461071	8.16	252226	9.91
16	BP-F-24MSD	119493	6.88	442293	8.16	241191	9.91
17	MH-4	117456	6.88	439698	8.15	233669	9.91
18	B-3-2	116979	6.88	433268	8.15	227549	9.91
19	TP-2	118629	6.88	435635	8.15	228104	9.91
20	RR-1	117554	6.88	430013	8.15	221316	9.91
21	B-4	126758	6.88	464845	8.15	232288	9.91
22	B-3-3	120352	6.88	438607	8.15	211600	9.91
23	NB-08-111424	121165	6.88	435470	8.15	205308	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 20:11

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	147186	6.875	589077	8.16	334544	9.92
UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
EPA SAMPLE NO.						
24 ETGI-328	118975	6.88	445154	8.15	217453	9.91

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.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140417.D Time Analyzed: 10:02

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	171491	6.875	639592	8.16	364979	9.92
	UPPER LIMIT	342982	7.375	1279184	8.657	729958	10.416
	LOWER LIMIT	85745.5	6.375	319796	7.657	182489.5	9.416
	EPA SAMPLE NO.						
01	PB164993BL	168054	6.88	642488	8.15	365710	9.91
02	PB164993BS	169538	6.88	648089	8.16	365262	9.92
03	BP-F-24	102865	6.88	380190	8.15	144379 *	9.91
04	BP-F-2	103687	6.88	391201	8.15	215698	9.91
05	MH-4	121528	6.88	464670	8.15	255128	9.91
06	MH-731	112093	6.88	426091	8.15	230259	9.91
07	TP-2	108709	6.88	405539	8.15	218341	9.91
08	T-20	110799	6.88	418104	8.15	215114	9.91
09	BP-F-2	124880	6.88	473478	8.15	253920	9.91
10	MH-731	112728	6.88	413818	8.15	219218	9.91
11	MH-731MS	121371	6.88	446879	8.16	242656	9.91
12	MH-731MSD	120300	6.88	442674	8.16	239484	9.91
13	TP-1	115391	6.88	428679	8.15	223055	9.91
14	BP-F-24	110779	6.88	411506	8.15	221246	9.91
15	BP-F-24MS	124316	6.88	461071	8.16	252226	9.91
16	BP-F-24MSD	119493	6.88	442293	8.16	241191	9.91
17	MH-4	117456	6.88	439698	8.15	233669	9.91
18	B-3-2	116979	6.88	433268	8.15	227549	9.91
19	TP-2	118629	6.88	435635	8.15	228104	9.91
20	RR-1	117554	6.88	430013	8.15	221316	9.91
21	B-4	126758	6.88	464845	8.15	232288	9.91
22	B-3-3	120352	6.88	438607	8.15	211600	9.91
23	NB-08-111424	121165	6.88	435470	8.15	205308	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140417.D Time Analyzed: 20:11

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	171491	6.875	639592	8.16	364979	9.92
UPPER LIMIT	342982	7.375	1279184	8.657	729958	10.416
LOWER LIMIT	85745.5	6.375	319796	7.657	182489.5	9.416
EPA SAMPLE NO.						
24 ETGI-328	118975	6.88	445154	8.15	217453	9.91

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.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 10:02

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	632223	11.404	388943	14.051	311863	15.557
	UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
	LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
	EPA SAMPLE NO.						
01	PB164993BL	717042	11.40	477442	14.05	394046	15.55
02	PB164993BS	688745	11.40	378177	14.06	337908	15.55
03	BP-F-24	338320	11.40	131208 *	14.05	23566 *	15.53
04	BP-F-2	390242	11.40	216436	14.05	220104	15.53
05	MH-4	489722	11.40	274607	14.05	280312	15.54
06	MH-731	414873	11.40	227889	14.05	232330	15.53
07	TP-2	395523	11.40	229407	14.05	248406	15.53
08	T-20	281396 *	11.40	208682	14.06	240392	15.55
09	BP-F-2	462778	11.40	235448	14.05	276424	15.54
10	MH-731	397672	11.40	230624	14.05	259998	15.53
11	MH-731MS	455463	11.40	245985	14.05	276803	15.54
12	MH-731MSD	452802	11.40	240606	14.05	275686	15.55
13	TP-1	401877	11.40	228846	14.05	261901	15.54
14	BP-F-24	411127	11.40	239415	14.04	255602	15.54
15	BP-F-24MS	475583	11.40	261264	14.05	262017	15.55
16	BP-F-24MSD	435790	11.40	249345	14.05	247757	15.53
17	MH-4	392979	11.40	249274	14.05	209355	15.53
18	B-3-2	371496	11.40	238440	14.05	217138	15.53
19	TP-2	355089	11.40	237316	14.05	176746	15.53
20	RR-1	343430	11.40	235654	14.05	173242	15.53
21	B-4	359240	11.40	227936	14.05	171121	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 19:19

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	632223	11.404	388943	14.051	311863	15.557
UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
EPA SAMPLE NO.						
22 B-3-3	334769	11.40	225236	14.05	162313	15.55
23 NB-08-111424	336548	11.40	211965	14.05	158818	15.55
24 ETGI-328	317466	11.41	221472	14.06	174018	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 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.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 10:02

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	628587	11.404	385940	14.063	322417	15.58
	UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
	LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
	EPA SAMPLE NO.						
01	PB164993BL	717042	11.40	477442	14.05	394046	15.55
02	PB164993BS	688745	11.40	378177	14.06	337908	15.55
03	BP-F-24	338320	11.40	131208 *	14.05	23566 *	15.53
04	BP-F-2	390242	11.40	216436	14.05	220104	15.53
05	MH-4	489722	11.40	274607	14.05	280312	15.54
06	MH-731	414873	11.40	227889	14.05	232330	15.53
07	TP-2	395523	11.40	229407	14.05	248406	15.53
08	T-20	281396 *	11.40	208682	14.06	240392	15.55
09	BP-F-2	462778	11.40	235448	14.05	276424	15.54
10	MH-731	397672	11.40	230624	14.05	259998	15.53
11	MH-731MS	455463	11.40	245985	14.05	276803	15.54
12	MH-731MSD	452802	11.40	240606	14.05	275686	15.55
13	TP-1	401877	11.40	228846	14.05	261901	15.54
14	BP-F-24	411127	11.40	239415	14.04	255602	15.54
15	BP-F-24MS	475583	11.40	261264	14.05	262017	15.55
16	BP-F-24MSD	435790	11.40	249345	14.05	247757	15.53
17	MH-4	392979	11.40	249274	14.05	209355	15.53
18	B-3-2	371496	11.40	238440	14.05	217138	15.53
19	TP-2	355089	11.40	237316	14.05	176746	15.53
20	RR-1	343430	11.40	235654	14.05	173242	15.53
21	B-4	359240	11.40	227936	14.05	171121	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 19:19

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	628587	11.404	385940	14.063	322417	15.58
UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
EPA SAMPLE NO.						
22 B-3-3	334769	11.40	225236	14.05	162313	15.55
23 NB-08-111424	336548	11.40	211965	14.05	158818 *	15.55
24 ETGI-328	317466	11.41	221472	14.06	174018	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 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.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140417.D Time Analyzed: 10:02

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	687284	11.404	387415	14.051	336604	15.545
	UPPER LIMIT	1374568	11.904	774830	14.551	673208	16.045
	LOWER LIMIT	343642	10.904	193707.5	13.551	168302	15.045
	EPA SAMPLE NO.						
01	PB164993BL	717042	11.40	477442	14.05	394046	15.55
02	PB164993BS	688745	11.40	378177	14.06	337908	15.55
03	BP-F-24	338320 *	11.40	131208 *	14.05	23566 *	15.53
04	BP-F-2	390242	11.40	216436	14.05	220104	15.53
05	MH-4	489722	11.40	274607	14.05	280312	15.54
06	MH-731	414873	11.40	227889	14.05	232330	15.53
07	TP-2	395523	11.40	229407	14.05	248406	15.53
08	T-20	281396 *	11.40	208682	14.06	240392	15.55
09	BP-F-2	462778	11.40	235448	14.05	276424	15.54
10	MH-731	397672	11.40	230624	14.05	259998	15.53
11	MH-731MS	455463	11.40	245985	14.05	276803	15.54
12	MH-731MSD	452802	11.40	240606	14.05	275686	15.55
13	TP-1	401877	11.40	228846	14.05	261901	15.54
14	BP-F-24	411127	11.40	239415	14.04	255602	15.54
15	BP-F-24MS	475583	11.40	261264	14.05	262017	15.55
16	BP-F-24MSD	435790	11.40	249345	14.05	247757	15.53
17	MH-4	392979	11.40	249274	14.05	209355	15.53
18	B-3-2	371496	11.40	238440	14.05	217138	15.53
19	TP-2	355089	11.40	237316	14.05	176746	15.53
20	RR-1	343430 *	11.40	235654	14.05	173242	15.53
21	B-4	359240	11.40	227936	14.05	171121	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF111624 SAS No.: BF111624 SDG NO.: BF111624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 16 2024 12:00AM

Lab File ID: BF140417.D Time Analyzed: 19:19

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	687284	11.404	387415	14.051	336604	15.545
UPPER LIMIT	1374568	11.904	774830	14.551	673208	16.045
LOWER LIMIT	343642	10.904	193707.5	13.551	168302	15.045
EPA SAMPLE NO.						
22 B-3-3	334769 *	11.40	225236	14.05	162313 *	15.55
23 NB-08-111424	336548 *	11.40	211965	14.05	158818 *	15.55
24 ETGI-328	317466 *	11.41	221472	14.06	174018	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 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.: **BF111624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164993BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	180	ug/Kg	11				10	133	
	Aniline	1700	1300	ug/Kg	76				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	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1400	ug/Kg	82				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101	
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	23900	ug/Kg	88				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF111624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164993BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	2800	ug/Kg	82				60	106	
	Diethylphthalate	1700	1400	ug/Kg	82				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1100	ug/Kg	65				47	152	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1400	ug/Kg	82				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1400	ug/Kg	82				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1400	ug/Kg	82				57	107	
	Benzidine	3300	370	ug/Kg	11				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-3-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111624

SAS No.: BF111624 SDG NO.: BF111624

Lab File ID: BF140435.D

Lab Sample ID: P4768-02

Instrument ID: BNA_F

Date Extracted: 11/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 17:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-3-2	P4768-02	BF140435.D	11/16/2024
B-4	P4768-04	BF140438.D	11/16/2024
B-3-3	P4768-03	BF140439.D	11/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-F-24

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111624

SAS No.: BF111624 SDG NO.: BF111624

Lab File ID: BF140431.D

Lab Sample ID: P4821-01

Instrument ID: BNA_F

Date Extracted: 11/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 15:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-F-24	P4821-01	BF140431.D	11/16/2024
BP-F-24MS	P4821-01MS	BF140432.D	11/16/2024
BP-F-24MSD	P4821-01MSD	BF140433.D	11/16/2024
MH-4	P4823-01	BF140434.D	11/16/2024
BP-F-2	P4821-05	BF140426.D	11/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-731

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111624

SAS No.: BF111624 SDG NO.: BF111624

Lab File ID: BF140427.D

Lab Sample ID: P4833-01

Instrument ID: BNA_F

Date Extracted: 11/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 14:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-731	P4833-01	BF140427.D	11/16/2024
MH-731MS	P4833-01MS	BF140428.D	11/16/2024
MH-731MSD	P4833-01MSD	BF140429.D	11/16/2024
TP-2	P4833-05	BF140436.D	11/16/2024
T-20	P4824-01	BF140425.D	11/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-F-24

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111624

SAS No.: BF111624 SDG NO.: BF111624

Lab File ID: BF140420.D

Lab Sample ID: P4821-04

Instrument ID: BNA_F

Date Extracted: 11/14/2024

Matrix: (soil/water) water

Date Analyzed: 11/16/2024

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
BP-F-24	P4821-04	BF140420.D	11/16/2024
BP-F-2	P4821-08	BF140421.D	11/16/2024
MH-4	P4823-04	BF140422.D	11/16/2024
MH-731	P4833-04	BF140423.D	11/16/2024
TP-2	P4833-08	BF140424.D	11/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164993BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111624

SAS No.: BF111624 SDG NO.: BF111624

Lab File ID: BF140418.D

Lab Sample ID: PB164993BL

Instrument ID: BNA_F

Date Extracted: 11/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/16/2024

Level: (low/med) LOW

Time Analyzed: 10:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164993BS	PB164993BS	BF140419.D	11/16/2024
RR-1	P4849-01	BF140437.D	11/16/2024
TP-1	P4848-01	BF140430.D	11/16/2024
NB-08-111424	P4859-01	BF140440.D	11/16/2024
ETGI-328	P4857-01	BF140441.D	11/16/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4821-01MS		Client Sample ID: BP-F-24MS		DataFile: BF140432.D							
n-Nitrosodimethylamine	1100		990	ug/Kg	90				66	124	
Pyridine	1100		980	ug/Kg	89				45	119	
Benzaldehyde	1100		130	ug/Kg	12				10	86	
Aniline	1100		710	ug/Kg	65				10	88	
Phenol	1100		1000	ug/Kg	91				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				54	125	
2-Chlorophenol	1100		1000	ug/Kg	91				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		980	ug/Kg	89				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		1000	ug/Kg	91				66	122	
2,2-oxybis(1-Chloropropane)	1100		970	ug/Kg	88				65	110	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1000	ug/Kg	91				66	104	
N-Nitroso-di-n-propylamine	1100		950	ug/Kg	86				59	119	
Hexachloroethane	1100		960	ug/Kg	87				65	117	
Nitrobenzene	1100		970	ug/Kg	88				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1200	ug/Kg	109				44	135	
bis(2-Chloroethoxy)methane	1100		980	ug/Kg	89				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		970	ug/Kg	88				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100		990	ug/Kg	90				72	110	
4-Chloroaniline	1100		300	ug/Kg	27				10	91	
Hexachlorobutadiene	1100		980	ug/Kg	89				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2300		2800	ug/Kg	122				10	175	
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		1000	ug/Kg	91				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1000	ug/Kg	91				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		670	ug/Kg	61				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		15590	ug/Kg	89				70	121	
2,4-Dinitrophenol	2300		1600	ug/Kg	70				10	155	
4-Nitrophenol	2300		2100	ug/Kg	91				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

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		2000	ug/Kg	91				55	128	
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	
Diethylphthalate	1100		1000	ug/Kg	91				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		950	ug/Kg	86				55	120	
4,6-Dinitro-2-methylphenol	1100		940	ug/Kg	85				10	160	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1100		1000	ug/Kg	91				52	128	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100		890	ug/Kg	81				44	125	
Benzydine	2300		580	ug/Kg	25				10	119	
Pyrene	1100		1000	ug/Kg	91				26	142	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		800	ug/Kg	73				33	116	
Benzo(a)anthracene	1100		1000	ug/Kg	91				71	114	
Chrysene	1100		1000	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91				42	169	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1100		970	ug/Kg	88				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		790	ug/Kg	72				40	129	
Dibenz(a,h)anthracene	1100		790	ug/Kg	72				43	123	
Benzo(g,h,i)perylene	1100		660	ug/Kg	60				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		960	ug/Kg	87				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				69	112	
1-Methylnaphthalene	1100		960	ug/Kg	87				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4821-01MSD		Client Sample ID: BP-F-24MSD					DataFile: BF140433.D				
n-Nitrosodimethylamine	1100		970	ug/Kg	88	2			66	124	20
Pyridine	1100		960	ug/Kg	87	2			45	119	20
Benzaldehyde	1100		130	ug/Kg	12	0			10	86	20
Aniline	1100		520	ug/Kg	47	32		*	10	88	20
Phenol	1100		970	ug/Kg	88	3			67	126	20
bis(2-Chloroethyl)ether	1100		960	ug/Kg	87	4			54	125	20
2-Chlorophenol	1100		1000	ug/Kg	91	0			79	107	20
1,2-Dichlorobenzene	1100		980	ug/Kg	89	2			61	105	20
1,3-Dichlorobenzene	1100		950	ug/Kg	86	3			62	101	20
1,4-Dichlorobenzene	1100		950	ug/Kg	86	3			63	104	20
Benzyl Alcohol	1100		1000	ug/Kg	91	0			47	126	20
2-Methylphenol	1100		960	ug/Kg	87	4			66	122	20
2,2-oxybis(1-Chloropropane)	1100		930	ug/Kg	85	3			65	110	20
Acetophenone	1100		980	ug/Kg	89	2			75	111	20
3+4-Methylphenols	1100		990	ug/Kg	90	1			66	104	20
N-Nitroso-di-n-propylamine	1100		920	ug/Kg	84	2			59	119	20
Hexachloroethane	1100		930	ug/Kg	85	2			65	117	20
Nitrobenzene	1100		950	ug/Kg	86	2			70	119	20
Isophorone	1100		960	ug/Kg	87	4			76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91	9			54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109	0			44	135	20
bis(2-Chloroethoxy)methane	1100		950	ug/Kg	86	3			68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91	0			72	118	20
1,2,4-Trichlorobenzene	1100		920	ug/Kg	84	5			57	103	20
Benzoic acid	1100		970	ug/Kg	88	3			50	104	20
Naphthalene	1100		960	ug/Kg	87	3			72	110	20
4-Chloroaniline	1100		200	ug/Kg	18	40		*	10	91	20
Hexachlorobutadiene	1100		940	ug/Kg	85	5			66	114	20
Caprolactam	1100		1000	ug/Kg	91	9			51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89	2			57	132	20
2-Methylnaphthalene	1100		970	ug/Kg	88	3			59	123	20
Hexachlorocyclopentadiene	2300		2500	ug/Kg	109	11			10	175	20
2,4,6-Trichlorophenol	1100		1000	ug/Kg	91	0			72	117	20
2,4,5-Trichlorophenol	1100		970	ug/Kg	88	3			72	117	20
1,1-Biphenyl	1100		990	ug/Kg	90	1			75	113	20
2-Chloronaphthalene	1100		970	ug/Kg	88	3			67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91	9			69	127	20
Dimethylphthalate	1100		990	ug/Kg	90	1			70	113	20
Acenaphthylene	1100		1100	ug/Kg	100	0			79	118	20
2,6-Dinitrotoluene	1100		960	ug/Kg	87	4			70	125	20
3-Nitroaniline	1100		550	ug/Kg	50	20			30	99	20
Acenaphthene	1100		1100	ug/Kg	100	0			70	121	20
Total PAH	17600		15170	ug/Kg	86	3			70	121	20
2,4-Dinitrophenol	2300		1500	ug/Kg	65	7			10	155	20
4-Nitrophenol	2300		1900	ug/Kg	83	9			45	133	20
Dibenzofuran	1100		1000	ug/Kg	91	0			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

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		1950	ug/Kg	89		2		55	128	20
2,4-Dinitrotoluene	1100		990	ug/Kg	90		1		55	128	20
Diethylphthalate	1100		960	ug/Kg	87		4		70	112	20
4-Chlorophenyl-phenylether	1100		980	ug/Kg	89		2		71	108	20
Fluorene	1100		980	ug/Kg	89		2		68	116	20
4-Nitroaniline	1100		860	ug/Kg	78		10		55	120	20
4,6-Dinitro-2-methylphenol	1100		880	ug/Kg	80		6		10	160	20
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91		0		73	118	20
Azobenzene	1100		1100	ug/Kg	100		9		73	110	20
4-Bromophenyl-phenylether	1100		970	ug/Kg	88		3		65	121	20
Hexachlorobenzene	1100		990	ug/Kg	90		1		67	118	20
Atrazine	1100		1100	ug/Kg	100		9		79	127	20
Pentachlorophenol	2300		1800	ug/Kg	78		6		47	128	20
Phenanthrene	1100		1000	ug/Kg	91		0		52	128	20
Anthracene	1100		1000	ug/Kg	91		9		62	124	20
Carbazole	1100		940	ug/Kg	85		7		59	119	20
Di-n-butylphthalate	1100		950	ug/Kg	86		6		69	118	20
Fluoranthene	1100		820	ug/Kg	75		8		44	125	20
Benzydine	2300		540	ug/Kg	23		8		10	119	20
Pyrene	1100		890	ug/Kg	81		12		26	142	20
Butylbenzylphthalate	1100		890	ug/Kg	81		12		64	126	20
3,3-Dichlorobenzidine	1100		710	ug/Kg	65		12		33	116	20
Benzo(a)anthracene	1100		990	ug/Kg	90		1		71	114	20
Chrysene	1100		1000	ug/Kg	91		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		880	ug/Kg	80		13		42	169	20
Di-n-octyl phthalate	1100		1100	ug/Kg	100		0		23	175	20
Benzo(b)fluoranthene	1100		980	ug/Kg	89		1		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		0		57	134	20
Benzo(a)pyrene	1100		1100	ug/Kg	100		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		750	ug/Kg	68		6		40	129	20
Dibenz(a,h)anthracene	1100		760	ug/Kg	69		4		43	123	20
Benzo(g,h,i)perylene	1100		640	ug/Kg	58		3		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		990	ug/Kg	90		1		69	124	20
1,4-Dioxane	1100		940	ug/Kg	85		2		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100		0		69	112	20
1-Methylnaphthalene	1100		920	ug/Kg	84		4		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4833-01MS		Client Sample ID: MH-731MS		DataFile: BF140428.D							
n-Nitrosodimethylamine	1200		970	ug/Kg	81				66	124	
Pyridine	1200		910	ug/Kg	76				45	119	
Benzaldehyde	1200		130	ug/Kg	11				10	86	
Aniline	1200		440	ug/Kg	37				10	88	
Phenol	1200		960	ug/Kg	80				67	126	
bis(2-Chloroethyl)ether	1200		960	ug/Kg	80				54	125	
2-Chlorophenol	1200		1000	ug/Kg	83				79	107	
1,2-Dichlorobenzene	1200		1000	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1200		960	ug/Kg	80				62	101	
1,4-Dichlorobenzene	1200		960	ug/Kg	80				63	104	
Benzyl Alcohol	1200		990	ug/Kg	83				47	126	
2-Methylphenol	1200		950	ug/Kg	79				66	122	
2,2-oxybis(1-Chloropropane)	1200		930	ug/Kg	78				65	110	
Acetophenone	1200		990	ug/Kg	83				75	111	
3+4-Methylphenols	1200		1000	ug/Kg	83				66	104	
N-Nitroso-di-n-propylamine	1200		940	ug/Kg	78				59	119	
Hexachloroethane	1200		970	ug/Kg	81				65	117	
Nitrobenzene	1200		950	ug/Kg	79				70	119	
Isophorone	1200		970	ug/Kg	81				76	122	
2-Nitrophenol	1200		1000	ug/Kg	83				54	145	
2,4-Dimethylphenol	1200		1200	ug/Kg	100				44	135	
bis(2-Chloroethoxy)methane	1200		950	ug/Kg	79				68	112	
2,4-Dichlorophenol	1200		1000	ug/Kg	83				72	118	
1,2,4-Trichlorobenzene	1200		950	ug/Kg	79				57	103	
Benzoic acid	1200		1000	ug/Kg	83				50	104	
Naphthalene	1200		990	ug/Kg	83				72	110	
4-Chloroaniline	1200		140	ug/Kg	12				10	91	
Hexachlorobutadiene	1200		950	ug/Kg	79				66	114	
Caprolactam	1200		1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200		990	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		990	ug/Kg	83				59	123	
Hexachlorocyclopentadiene	2300		3200	ug/Kg	139				10	175	
2,4,6-Trichlorophenol	1200		1000	ug/Kg	83				72	117	
2,4,5-Trichlorophenol	1200		980	ug/Kg	82				72	117	
1,1-Biphenyl	1200		1000	ug/Kg	83				75	113	
2-Chloronaphthalene	1200		980	ug/Kg	82				67	118	
2-Nitroaniline	1200		1000	ug/Kg	83				69	127	
Dimethylphthalate	1200		1000	ug/Kg	83				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		980	ug/Kg	82				70	125	
3-Nitroaniline	1200		450	ug/Kg	38				30	99	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200		15980	ug/Kg	83				70	121	
2,4-Dinitrophenol	2300		1600	ug/Kg	70				10	155	
4-Nitrophenol	2300		2100	ug/Kg	91				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1000	ug/Kg	83				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		1980	ug/Kg	83				55	128	
Diethylphthalate	1200		1000	ug/Kg	83				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		1000	ug/Kg	83				68	116	
4-Nitroaniline	1200		920	ug/Kg	77				55	120	
4,6-Dinitro-2-methylphenol	1200		900	ug/Kg	75				10	160	
N-Nitrosodiphenylamine	1200		1000	ug/Kg	83				73	118	
Azobenzene	1200		1100	ug/Kg	92				73	110	
4-Bromophenyl-phenylether	1200		1000	ug/Kg	83				65	121	
Hexachlorobenzene	1200		1000	ug/Kg	83				67	118	
Atrazine	1200		1100	ug/Kg	92				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1200		1000	ug/Kg	83				52	128	
Anthracene	1200		1100	ug/Kg	92				62	124	
Carbazole	1200		1000	ug/Kg	83				59	119	
Di-n-butylphthalate	1200		990	ug/Kg	83				69	118	
Fluoranthene	1200		950	ug/Kg	79				44	125	
Benzydine	2300		410	ug/Kg	18				10	119	
Pyrene	1200		1100	ug/Kg	92				26	142	
Butylbenzylphthalate	1200		1100	ug/Kg	92				64	126	
3,3-Dichlorobenzidine	1200		580	ug/Kg	48				33	116	
Benzo(a)anthracene	1200		1100	ug/Kg	92				71	114	
Chrysene	1200		1000	ug/Kg	83				57	121	
bis(2-Ethylhexyl)phthalate	1200		1000	ug/Kg	83				42	169	
Di-n-octyl phthalate	1200		1100	ug/Kg	92				23	175	
Benzo(b)fluoranthene	1200		1000	ug/Kg	83				67	121	
Benzo(k)fluoranthene	1200		970	ug/Kg	81				57	134	
Benzo(a)pyrene	1200		1100	ug/Kg	92				70	142	
Indeno(1,2,3-cd)pyrene	1200		870	ug/Kg	73				40	129	
Dibenz(a,h)anthracene	1200		880	ug/Kg	73				43	123	
Benzo(g,h,i)perylene	1200		720	ug/Kg	60				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1000	ug/Kg	83				69	124	
1,4-Dioxane	1200		950	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92				69	112	
1-Methylnaphthalene	1200		940	ug/Kg	78				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4833-01MSD		Client Sample ID: MH-731MSD		DataFile: BF140429.D							
n-Nitrosodimethylamine	1200		1000	ug/Kg	83		2		66	124	20
Pyridine	1200		1000	ug/Kg	83		9		45	119	20
Benzaldehyde	1200		130	ug/Kg	11		0		10	86	20
Aniline	1200		500	ug/Kg	42		13		10	88	20
Phenol	1200		1000	ug/Kg	83		4		67	126	20
bis(2-Chloroethyl)ether	1200		1000	ug/Kg	83		4		54	125	20
2-Chlorophenol	1200		1100	ug/Kg	92		10		79	107	20
1,2-Dichlorobenzene	1200		1000	ug/Kg	83		0		61	105	20
1,3-Dichlorobenzene	1200		1000	ug/Kg	83		4		62	101	20
1,4-Dichlorobenzene	1200		1000	ug/Kg	83		4		63	104	20
Benzyl Alcohol	1200		1100	ug/Kg	92		10		47	126	20
2-Methylphenol	1200		1000	ug/Kg	83		5		66	122	20
2,2-oxybis(1-Chloropropane)	1200		990	ug/Kg	83		6		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		6		59	119	20
Hexachloroethane	1200		1000	ug/Kg	83		2		65	117	20
Nitrobenzene	1200		1000	ug/Kg	83		5		70	119	20
Isophorone	1200		1000	ug/Kg	83		2		76	122	20
2-Nitrophenol	1200		1100	ug/Kg	92		10		54	145	20
2,4-Dimethylphenol	1200		1300	ug/Kg	108		8		44	135	20
bis(2-Chloroethoxy)methane	1200		1000	ug/Kg	83		5		68	112	20
2,4-Dichlorophenol	1200		1100	ug/Kg	92		10		72	118	20
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83		5		57	103	20
Benzoic acid	1200		1100	ug/Kg	92		10		50	104	20
Naphthalene	1200		1000	ug/Kg	83		0		72	110	20
4-Chloroaniline	1200		170	ug/Kg	14		15		10	91	20
Hexachlorobutadiene	1200		1000	ug/Kg	83		5		66	114	20
Caprolactam	1200		1100	ug/Kg	92		10		51	134	20
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92		10		57	132	20
2-Methylnaphthalene	1200		1000	ug/Kg	83		0		59	123	20
Hexachlorocyclopentadiene	2300		3500	ug/Kg	152		9		10	175	20
2,4,6-Trichlorophenol	1200		1100	ug/Kg	92		10		72	117	20
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92		11		72	117	20
1,1-Biphenyl	1200		1100	ug/Kg	92		10		75	113	20
2-Chloronaphthalene	1200		1000	ug/Kg	83		1		67	118	20
2-Nitroaniline	1200		1100	ug/Kg	92		10		69	127	20
Dimethylphthalate	1200		1100	ug/Kg	92		10		70	113	20
Acenaphthylene	1200		1200	ug/Kg	100		8		79	118	20
2,6-Dinitrotoluene	1200		1100	ug/Kg	92		11		70	125	20
3-Nitroaniline	1200		480	ug/Kg	40		5		30	99	20
Acenaphthene	1200		1200	ug/Kg	100		8		70	121	20
Total PAH	19200		16740	ug/Kg	87		5		70	121	20
2,4-Dinitrophenol	2300		1700	ug/Kg	74		6		10	155	20
4-Nitrophenol	2300		2200	ug/Kg	96		5		45	133	20
Dibenzofuran	1200		1100	ug/Kg	92		10		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF111624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1100	ug/Kg	92		10		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2200	ug/Kg	92		10		55	128	20
Diethylphthalate	1200		1100	ug/Kg	92		10		70	112	20
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92		10		71	108	20
Fluorene	1200		1100	ug/Kg	92		10		68	116	20
4-Nitroaniline	1200		990	ug/Kg	83		8		55	120	20
4,6-Dinitro-2-methylphenol	1200		990	ug/Kg	83		10		10	160	20
N-Nitrosodiphenylamine	1200		1100	ug/Kg	92		10		73	118	20
Azobenzene	1200		1200	ug/Kg	100		8		73	110	20
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92		10		65	121	20
Hexachlorobenzene	1200		1000	ug/Kg	83		0		67	118	20
Atrazine	1200		1200	ug/Kg	100		8		79	127	20
Pentachlorophenol	2300		2000	ug/Kg	87		5		47	128	20
Phenanthrene	1200		1100	ug/Kg	92		10		52	128	20
Anthracene	1200		1100	ug/Kg	92		0		62	124	20
Carbazole	1200		1100	ug/Kg	92		10		59	119	20
Di-n-butylphthalate	1200		1100	ug/Kg	92		10		69	118	20
Fluoranthene	1200		960	ug/Kg	80		1		44	125	20
Benzydine	2300		510	ug/Kg	22		20		10	119	20
Pyrene	1200		1100	ug/Kg	92		0		26	142	20
Butylbenzylphthalate	1200		1100	ug/Kg	92		0		64	126	20
3,3-Dichlorobenzidine	1200		650	ug/Kg	54		12		33	116	20
Benzo(a)anthracene	1200		1100	ug/Kg	92		0		71	114	20
Chrysene	1200		1100	ug/Kg	92		10		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1100	ug/Kg	92		10		42	169	20
Di-n-octyl phthalate	1200		1200	ug/Kg	100		8		23	175	20
Benzo(b)fluoranthene	1200		980	ug/Kg	82		1		67	121	20
Benzo(k)fluoranthene	1200		1100	ug/Kg	92		13		57	134	20
Benzo(a)pyrene	1200		1200	ug/Kg	100		8		70	142	20
Indeno(1,2,3-cd)pyrene	1200		890	ug/Kg	74		1		40	129	20
Dibenz(a,h)anthracene	1200		880	ug/Kg	73		0		43	123	20
Benzo(g,h,i)perylene	1200		730	ug/Kg	61		2		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1100	ug/Kg	92		10		69	124	20
1,4-Dioxane	1200		990	ug/Kg	83		5		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1200	ug/Kg	100		8		69	112	20
1-Methylnaphthalene	1200		990	ug/Kg	83		6		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF111624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4768-02	B-3-2	BF140435.D	2-Fluorophenol	150	64.83	43		18	112
			Phenol-d6	150	62.63	42		15	107
			Nitrobenzene-d5	100	44.13	44		18	107
			2-Fluorobiphenyl	100	48.86	49		20	109
			2,4,6-Tribromophenol	150	58.99	39		10	116
			Terphenyl-d14	100	41.47	41		10	105
P4768-03	B-3-3	BF140439.D	2-Fluorophenol	150	87.32	58		18	112
			Phenol-d6	150	83.88	56		15	107
			Nitrobenzene-d5	100	58.48	58		18	107
			2-Fluorobiphenyl	100	66.81	67		20	109
			2,4,6-Tribromophenol	150	73.51	49		10	116
			Terphenyl-d14	100	59.78	60		10	105
P4768-04	B-4	BF140438.D	2-Fluorophenol	150	56.97	38		18	112
			Phenol-d6	150	55.05	37		15	107
			Nitrobenzene-d5	100	37.96	38		18	107
			2-Fluorobiphenyl	100	44.16	44		20	109
			2,4,6-Tribromophenol	150	46.49	31		10	116
			Terphenyl-d14	100	40.48	40		10	105

Surrogate Summary

SW-846

SDG No.: **BF111624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4821-01	BP-F-24	BF140431.D	2-Fluorophenol	150	113.85	76		18	112
			Phenol-d6	150	110.64	74		15	107
			Nitrobenzene-d5	100	77.83	78		18	107
			2-Fluorobiphenyl	100	78.73	79		20	109
			2,4,6-Tribromophenol	150	111.73	74		10	116
			Terphenyl-d14	100	73.82	74		10	105
P4821-01MS	BP-F-24MS	BF140432.D	2-Fluorophenol	150	100.88	67		18	112
			Phenol-d6	150	98.94	66		15	107
			Nitrobenzene-d5	100	69.71	70		18	107
			2-Fluorobiphenyl	100	70.25	70		20	109
			2,4,6-Tribromophenol	150	106.79	71		10	116
			Terphenyl-d14	100	70.47	70		10	105
P4821-01MSD	BP-F-24MSD	BF140433.D	2-Fluorophenol	150	98.42	66		18	112
			Phenol-d6	150	95.61	64		15	107
			Nitrobenzene-d5	100	67.33	67		18	107
			2-Fluorobiphenyl	100	68.10	68		20	109
			2,4,6-Tribromophenol	150	99.71	66		10	116
			Terphenyl-d14	100	62.12	62		10	105
P4821-05	BP-F-2	BF140426.D	2-Fluorophenol	150	87.60	58		18	112
			Phenol-d6	150	83.76	56		15	107
			Nitrobenzene-d5	100	58.80	59		18	107
			2-Fluorobiphenyl	100	63.44	63		20	109
			2,4,6-Tribromophenol	150	84.99	57		10	116
			Terphenyl-d14	100	66.16	66		10	105
P4823-01	MH-4	BF140434.D	2-Fluorophenol	150	85.55	57		18	112
			Phenol-d6	150	82.54	55		15	107
			Nitrobenzene-d5	100	57.77	58		18	107
			2-Fluorobiphenyl	100	59.77	60		20	109
			2,4,6-Tribromophenol	150	77.55	52		10	116
			Terphenyl-d14	100	49.00	49		10	105

Surrogate Summary

SW-846

SDG No.: **BF111624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4824-01	T-20	BF140425.D	2-Fluorophenol	150	88.28	59		18	112
			Phenol-d6	150	86.31	58		15	107
			Nitrobenzene-d5	100	59.44	59		18	107
			2-Fluorobiphenyl	100	66.91	67		20	109
			2,4,6-Tribromophenol	150	81.40	54		10	116
			Terphenyl-d14	100	50.11	50		10	105
P4833-01	MH-731	BF140427.D	2-Fluorophenol	150	95.70	64		18	112
			Phenol-d6	150	93.35	62		15	107
			Nitrobenzene-d5	100	65.91	66		18	107
			2-Fluorobiphenyl	100	70.09	70		20	109
			2,4,6-Tribromophenol	150	98.77	66		10	116
			Terphenyl-d14	100	69.96	70		10	105
P4833-01MS	MH-731MS	BF140428.D	2-Fluorophenol	150	83.10	55		18	112
			Phenol-d6	150	80.63	54		15	107
			Nitrobenzene-d5	100	58.34	58		18	107
			2-Fluorobiphenyl	100	60.07	60		20	109
			2,4,6-Tribromophenol	150	90.01	60		10	116
			Terphenyl-d14	100	63.64	64		10	105
P4833-01MSD	MH-731MSD	BF140429.D	2-Fluorophenol	150	87.51	58		18	112
			Phenol-d6	150	85.57	57		15	107
			Nitrobenzene-d5	100	61.44	61		18	107
			2-Fluorobiphenyl	100	64.79	65		20	109
			2,4,6-Tribromophenol	150	95.62	64		10	116
			Terphenyl-d14	100	65.91	66		10	105
P4833-05	TP-2	BF140436.D	2-Fluorophenol	150	86.35	58		18	112
			Phenol-d6	150	83.83	56		15	107
			Nitrobenzene-d5	100	59.29	59		18	107
			2-Fluorobiphenyl	100	63.85	64		20	109
			2,4,6-Tribromophenol	150	72.96	49		10	116
			Terphenyl-d14	100	54.87	55		10	105

Surrogate Summary

SW-846

SDG No.: **BF111624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4821-04	BP-F-24	BF140420.D	2-Fluorophenol	150	132.73	88		10	139
			Phenol-d6	150	107.63	72		10	134
			Nitrobenzene-d5	100	94.71	95		49	133
			2-Fluorobiphenyl	100	137.38	137	*	52	132
			2,4,6-Tribromophenol	150	195.35	130		44	137
			Terphenyl-d14	100	147.65	148	*	48	125
P4821-08	BP-F-2	BF140421.D	2-Fluorophenol	150	132.65	88		10	139
			Phenol-d6	150	126.48	84		10	134
			Nitrobenzene-d5	100	91.94	92		49	133
			2-Fluorobiphenyl	100	93.83	94		52	132
			2,4,6-Tribromophenol	150	141.23	94		44	137
			Terphenyl-d14	100	98.74	99		48	125
P4823-04	MH-4	BF140422.D	2-Fluorophenol	150	124.38	83		10	139
			Phenol-d6	150	120.85	81		10	134
			Nitrobenzene-d5	100	87.40	87		49	133
			2-Fluorobiphenyl	100	89.49	89		52	132
			2,4,6-Tribromophenol	150	142.21	95		44	137
			Terphenyl-d14	100	101.00	101		48	125
P4833-04	MH-731	BF140423.D	2-Fluorophenol	150	132.17	88		10	139
			Phenol-d6	150	126.59	84		10	134
			Nitrobenzene-d5	100	90.95	91		49	133
			2-Fluorobiphenyl	100	90.64	91		52	132
			2,4,6-Tribromophenol	150	137.32	92		44	137
			Terphenyl-d14	100	98.42	98		48	125
P4833-08	TP-2	BF140424.D	2-Fluorophenol	150	136.26	91		10	139
			Phenol-d6	150	127.49	85		10	134
			Nitrobenzene-d5	100	95.96	96		49	133
			2-Fluorobiphenyl	100	97.38	97		52	132
			2,4,6-Tribromophenol	150	142.77	95		44	137
			Terphenyl-d14	100	101.99	102		48	125

Surrogate Summary

SW-846

SDG No.: **BF111624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4848-01	TP-1	BF140430.D	2-Fluorophenol	150	74.57	50		18	112
			Phenol-d6	150	73.97	49		15	107
			Nitrobenzene-d5	100	50.45	50		18	107
			2-Fluorobiphenyl	100	50.86	51		20	109
			2,4,6-Tribromophenol	150	61.20	41		10	116
			Terphenyl-d14	100	47.28	47		10	105
P4849-01	RR-1	BF140437.D	2-Fluorophenol	150	69.89	47		18	112
			Phenol-d6	150	69.81	47		15	107
			Nitrobenzene-d5	100	49.69	50		18	107
			2-Fluorobiphenyl	100	52.91	53		20	109
			2,4,6-Tribromophenol	150	61.13	41		10	116
			Terphenyl-d14	100	44.56	45		10	105
P4857-01	ETGI-328	BF140441.D	2-Fluorophenol	150	41.70	28		18	112
			Phenol-d6	150	47.25	31		15	107
			Nitrobenzene-d5	100	36.00	36		18	107
			2-Fluorobiphenyl	100	63.80	64		20	109
			2,4,6-Tribromophenol	150	55.40	37		10	116
			Terphenyl-d14	100	62.45	62		10	105
P4859-01	NB-08-111424	BF140440.D	2-Fluorophenol	150	51.31	34		18	112
			Phenol-d6	150	48.75	33		15	107
			Nitrobenzene-d5	100	35.26	35		18	107
			2-Fluorobiphenyl	100	41.10	41		20	109
			2,4,6-Tribromophenol	150	42.13	28		10	116
			Terphenyl-d14	100	38.85	39		10	105
PB164993BL	PB164993BL	BF140418.D	2-Fluorophenol	150	118.90	79		18	112
			Phenol-d6	150	114.22	76		15	107
			Nitrobenzene-d5	100	82.11	82		18	107
			2-Fluorobiphenyl	100	82.07	82		20	109
			2,4,6-Tribromophenol	150	126.19	84		10	116
			Terphenyl-d14	100	82.76	83		10	105
PB164993BS	PB164993BS	BF140419.D	2-Fluorophenol	150	120.69	80		18	112
			Phenol-d6	150	115.56	77		15	107
			Nitrobenzene-d5	100	83.22	83		18	107
			2-Fluorobiphenyl	100	83.09	83		20	109
			2,4,6-Tribromophenol	150	130.56	87		10	116
			Terphenyl-d14	100	99.69	100		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111624

Lab Code: CHEM

SAS No.: BF111624 SDG NO.: BF111624

Lab File ID: BF140416.D

DFTPP Injection Date: 11/16/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	93.1
443	15.0 - 24.0% of mass 442	17.5 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140417.D	11/16/2024	09:34
PB164993BL	PB164993BL	BF140418.D	11/16/2024	10:02
PB164993BS	PB164993BS	BF140419.D	11/16/2024	10:28
BP-F-24	P4821-04	BF140420.D	11/16/2024	11:01
BP-F-2	P4821-08	BF140421.D	11/16/2024	11:27
MH-4	P4823-04	BF140422.D	11/16/2024	11:53
MH-731	P4833-04	BF140423.D	11/16/2024	12:19
TP-2	P4833-08	BF140424.D	11/16/2024	12:46
T-20	P4824-01	BF140425.D	11/16/2024	13:12
BP-F-2	P4821-05	BF140426.D	11/16/2024	13:38
MH-731	P4833-01	BF140427.D	11/16/2024	14:04
MH-731MS	P4833-01MS	BF140428.D	11/16/2024	14:31
MH-731MSD	P4833-01MSD	BF140429.D	11/16/2024	14:57
TP-1	P4848-01	BF140430.D	11/16/2024	15:23
BP-F-24	P4821-01	BF140431.D	11/16/2024	15:49
BP-F-24MS	P4821-01MS	BF140432.D	11/16/2024	16:16
BP-F-24MSD	P4821-01MSD	BF140433.D	11/16/2024	16:42
MH-4	P4823-01	BF140434.D	11/16/2024	17:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF111624

Lab Code: CHEM

SAS No.: BF111624

SDG NO.: BF111624

Lab File ID: BF140416.D

DFTPP Injection Date: 11/16/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	93.1
443	15.0 - 24.0% of mass 442	17.5 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
B-3-2	P4768-02	BF140435.D	11/16/2024	17:34
TP-2	P4833-05	BF140436.D	11/16/2024	18:00
RR-1	P4849-01	BF140437.D	11/16/2024	18:27
B-4	P4768-04	BF140438.D	11/16/2024	18:53
B-3-3	P4768-03	BF140439.D	11/16/2024	19:19
NB-08-111424	P4859-01	BF140440.D	11/16/2024	19:45
ETGI-328	P4857-01	BF140441.D	11/16/2024	20:11