

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG No.: BF112224
Instrument ID: BNA_F Calibration Date/Time: 11/22/2024 : 09:20
Lab File ID: BF140564.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	0.637	0.616		-3.297	
Pyridine	1.084	1.115		2.86	
2-Fluorophenol	1.172	1.136		-3.072	
Benzaldehyde	0.820	0.737		-10.122	
Aniline	1.091	1.104		1.192	
Phenol-d6	1.550	1.480		-4.516	
Phenol	1.583	1.539		-2.78	20.0
bis(2-Chloroethyl) ether	1.211	1.155		-4.624	
2-Chlorophenol	1.261	1.212		-3.886	
1,2-Dichlorobenzene	1.344	1.298		-3.423	
1,3-Dichlorobenzene	1.417	1.363		-3.811	
1,4-Dichlorobenzene	1.435	1.373		-4.321	20.0
Benzyl Alcohol	1.149	1.130		-1.654	
2-Methylphenol	1.010	0.974		-3.564	
2,2-oxybis(1-Chloropropane)	1.431	1.379		-3.634	
Acetophenone	0.488	0.472		-3.279	
3+4-Methylphenols	1.298	1.249		-3.775	
n-Nitroso-di-n-propylamine	0.916	0.888	0.050	-3.057	
Nitrobenzene-d5	0.391	0.381		-2.558	
Hexachloroethane	0.536	0.518		-3.358	
Nitrobenzene	0.404	0.391		-3.218	
Isophorone	0.652	0.640		-1.84	
2-Nitrophenol	0.179	0.176		-1.676	20.0
2,4-Dimethylphenol	0.214	0.219		2.336	
bis(2-Chloroethoxy) methane	0.397	0.396		-0.252	
2,4-Dichlorophenol	0.284	0.281		-1.056	20.0
1,2,4-Trichlorobenzene	0.324	0.321		-0.926	
Benzoic acid	0.164	0.183		11.585	
Naphthalene	1.030	1.010		-1.942	
4-Chloroaniline	0.308	0.302		-1.948	
Hexachlorobutadiene	0.215	0.216		0.465	20.0
Caprolactam	0.088	0.087		-1.136	
4-Chloro-3-methylphenol	0.318	0.316		-0.629	20.0
2-Methylnaphthalene	0.654	0.649		-0.765	
Hexachlorocyclopentadiene	0.107	0.121	0.050	13.084	
2,4,6-Trichlorophenol	0.367	0.365		-0.545	20.0
2-Fluorobiphenyl	1.342	1.316		-1.937	
2,4,5-Trichlorophenol	0.399	0.398		-0.251	
1,1-Biphenyl	1.493	1.460		-2.21	

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Lab File ID: BF140564.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	1.131	1.105		-2.299	
2-Nitroaniline	0.363	0.355		-2.204	
Dimethylphthalate	1.317	1.297		-1.519	
Acenaphthylene	1.710	1.667		-2.515	
2,6-Dinitrotoluene	0.299	0.295		-1.338	
3-Nitroaniline	0.292	0.286		-2.055	
Acenaphthene	1.086	1.062		-2.21	20.0
2,4-Dinitrophenol	0.122	0.142	0.050	16.393	
4-Nitrophenol	0.199	0.195	0.050	-2.01	
Dibenzofuran	1.657	1.608		-2.957	
2,4-Dinitrotoluene	0.397	0.395		-0.504	
Diethylphthalate	1.338	1.329		-0.673	
4-Chlorophenyl-phenylether	0.653	0.646		-1.072	
Fluorene	1.330	1.293		-2.782	
4-Nitroaniline	0.306	0.301		-1.634	
4,6-Dinitro-2-methylphenol	0.102	0.114		11.765	
n-Nitrosodiphenylamine	0.591	0.578		-2.2	20.0
Azobenzene	1.267	1.240		-2.131	
2,4,6-Tribromophenol	0.214	0.214		0.0	
4-Bromophenyl-phenylether	0.206	0.211		2.427	
Hexachlorobenzene	0.238	0.238		0.0	
Atrazine	0.166	0.170		2.41	
Pentachlorophenol	0.105	0.117		11.429	20.0
Phenanthrene	0.961	0.927		-3.538	
Anthracene	0.940	0.929		-1.17	
Carbazole	0.905	0.889		-1.768	
Di-n-butylphthalate	1.044	1.085		3.927	
Fluoranthene	1.044	1.051		0.67	20.0
Benzidine	0.581	0.584		0.516	
Pyrene	1.849	1.694		-8.383	
Terphenyl-d14	1.284	1.206		-6.075	
Butylbenzylphthalate	0.666	0.682		2.402	
3,3-Dichlorobenzidine	0.397	0.386		-2.771	
Benzo(a)anthracene	1.324	1.267		-4.305	
Chrysene	1.211	1.189		-1.817	
Bis(2-ethylhexyl)phthalate	0.841	0.931		10.702	
Di-n-octyl phthalate	1.150	1.357		18.0	20.0
Benzo(b)fluoranthene	1.256	1.395		11.067	
Benzo(k)fluoranthene	1.099	1.080		-1.729	

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Instrument ID: BNA_F Calibration Date/Time: 11/22/2024 : 09:20

Lab File ID: BF140564.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	1.021	1.024		0.294	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.194		-8.365	
Dibenzo(a,h)anthracene	1.067	1.005		-5.811	
Benzo(g,h,i)perylene	1.089	0.991		-8.999	
1,2,4,5-Tetrachlorobenzene	0.586	0.573		-2.218	
1,4-Dioxane	0.493	0.481		-2.434	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.324		5.882	
1-Methylnaphthalene	0.641	0.635		-0.936	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BL	SDG No.:	BF112224
Lab Sample ID:	PB165129BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140565.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

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

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BL	SDG No.:	BF112224
Lab Sample ID:	PB165129BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140565.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

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

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BL	SDG No.:	BF112224
Lab Sample ID:	PB165129BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140565.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	143.259		18-112		96	SPK: -150
13127-88-3	Phenol-d6	140.508		15-107		94	SPK: -150
4165-60-0	Nitrobenzene-d5	98.353		18-107		98	SPK: -100
321-60-8	2-Fluorobiphenyl	96.381		20-109		96	SPK: -100

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BL	SDG No.:	BF112224
Lab Sample ID:	PB165129BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140565.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.463		10-116		98	SPK: -150
1718-51-0	Terphenyl-d14	93.181		10-105		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101281	6.869				
1146-65-2	Naphthalene-d8	382231	8.151				
15067-26-2	Acenaphthene-d10	221417	9.904				
1517-22-2	Phenanthrene-d10	431432	11.398				
1719-03-5	Chrysene-d12	281525	14.045				
1520-96-3	Perylene-d12	210949	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	81.6	J			2.252	

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BS	SDG No.:	BF112224
Lab Sample ID:	PB165129BS	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
BF140566.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1300		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	1400		180	270	330	ug/Kg
62-53-3	Aniline	1500		96.9	130	170	ug/Kg
108-95-2	Phenol	1400		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1400		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1500		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	840		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BS	SDG No.:	BF112224
Lab Sample ID:	PB165129BS	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
BF140566.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6100	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	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81.1	130	170	ug/Kg
Total PAH	Total PAH	23900		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2900		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BS	SDG No.:	BF112224
Lab Sample ID:	PB165129BS	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
BF140566.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	980		160	270	330	ug/Kg
129-00-0	Pyrene	1400		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1300		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	124.032		18-112		83	SPK: -150
13127-88-3	Phenol-d6	120.683		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	83.541		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	86.056		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	PB165129BS	SDG No.:	BF112224
Lab Sample ID:	PB165129BS	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
BF140566.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.843		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	82.366		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103890	6.869				
1146-65-2	Naphthalene-d8	393577	8.151				
15067-26-2	Acenaphthene-d10	219448	9.91				
1517-22-2	Phenanthrene-d10	418043	11.404				
1719-03-5	Chrysene-d12	271122	14.051				
1520-96-3	Perylene-d12	201621	15.539				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112224
Lab Sample ID:	P4910-08	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
BF140567.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112224
Lab Sample ID:	P4910-08	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
BF140567.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112224
Lab Sample ID:	P4910-08	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
BF140567.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	47.8	J	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	133.338		10-139		89	SPK: -150
13127-88-3	Phenol-d6	119.493		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	99.302		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	94.666		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112224
Lab Sample ID:	P4910-08	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
BF140567.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.115		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	100.104		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95916	6.869				
1146-65-2	Naphthalene-d8	362240	8.151				
15067-26-2	Acenaphthene-d10	199732	9.904				
1517-22-2	Phenanthrene-d10	383423	11.398				
1719-03-5	Chrysene-d12	235981	14.045				
1520-96-3	Perylene-d12	192364	15.527				

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112224
Lab Sample ID:	P4910-04	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
BF140568.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112224
Lab Sample ID:	P4910-04	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
BF140568.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112224
Lab Sample ID:	P4910-04	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
BF140568.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	138.014		10-139		92	SPK: -150
13127-88-3	Phenol-d6	132.675		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	95.583		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	92.665		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112224
Lab Sample ID:	P4910-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140568.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.696		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	94.312		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90391	6.869				
1146-65-2	Naphthalene-d8	340003	8.151				
15067-26-2	Acenaphthene-d10	188041	9.904				
1517-22-2	Phenanthrene-d10	346986	11.398				
1719-03-5	Chrysene-d12	224754	14.045				
1520-96-3	Perylene-d12	204242	15.539				

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112224
Lab Sample ID:	P4893-08	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
BF140569.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112224
Lab Sample ID:	P4893-08	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
BF140569.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112224
Lab Sample ID:	P4893-08	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
BF140569.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	150.023		10-139		100	SPK: -150
13127-88-3	Phenol-d6	143.193		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	101.691		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.845		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112224
Lab Sample ID:	P4893-08	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
BF140569.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.354		44-137		108	SPK: -150
1718-51-0	Terphenyl-d14	95.287		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81045	6.869				
1146-65-2	Naphthalene-d8	299632	8.151				
15067-26-2	Acenaphthene-d10	162627	9.904				
1517-22-2	Phenanthrene-d10	306157	11.398				
1719-03-5	Chrysene-d12	193949	14.045				
1520-96-3	Perylene-d12	159076	15.533				

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112224
Lab Sample ID:	P4893-04	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
BF140570.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112224
Lab Sample ID:	P4893-04	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
BF140570.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112224
Lab Sample ID:	P4893-04	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
BF140570.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	123.241		10-139		82	SPK: -150
13127-88-3	Phenol-d6	114.471		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	87.817		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	96.719		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112224
Lab Sample ID:	P4893-04	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
BF140570.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.071		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	93.813		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102636	6.869				
1146-65-2	Naphthalene-d8	398992	8.151				
15067-26-2	Acenaphthene-d10	202924	9.904				
1517-22-2	Phenanthrene-d10	413703	11.398				
1719-03-5	Chrysene-d12	216323	14.045				
1520-96-3	Perylene-d12	177928	15.533				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-08	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
BF140571.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-08	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
BF140571.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-08	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
BF140571.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	132.448		10-139		88	SPK: -150
13127-88-3	Phenol-d6	120.049		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	95.499		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	97.827		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-08	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
BF140571.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.353		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	96.448		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88384	6.869				
1146-65-2	Naphthalene-d8	332168	8.151				
15067-26-2	Acenaphthene-d10	179805	9.904				
1517-22-2	Phenanthrene-d10	330443	11.398				
1719-03-5	Chrysene-d12	210042	14.045				
1520-96-3	Perylene-d12	170783	15.533				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140572.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140572.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140572.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	126.589		10-139		84	SPK: -150
13127-88-3	Phenol-d6	115.884		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	96.839		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	93.714		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140572.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.91		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	92.752		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98838	6.869				
1146-65-2	Naphthalene-d8	364572	8.151				
15067-26-2	Acenaphthene-d10	200466	9.904				
1517-22-2	Phenanthrene-d10	369882	11.398				
1719-03-5	Chrysene-d12	232681	14.045				
1520-96-3	Perylene-d12	189077	15.539				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BF112224
Lab Sample ID:	P4923-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140573.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

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	47.8	U	47.8	77.8	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58	U	58	77.8	100	ug/Kg
108-95-2	Phenol	49.6	U	49.6	77.8	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.1	U	50.1	77.8	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.8	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.8	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.8	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.8	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	77.8	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.4	U	54.4	77.8	100	ug/Kg
98-86-2	Acetophenone	52	U	52	77.8	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	77.8	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.8	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.8	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.8	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.8	U	55.8	77.8	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.8	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.8	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	77.8	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.8	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.8	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.8	100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BF112224
Lab Sample ID:	P4923-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140573.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

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	77.8	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.8	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.4	U	93.4	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.8	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.8	100	ug/Kg
92-52-4	1,1-Biphenyl	52.3	U	52.3	77.8	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.8	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.8	100	ug/Kg
131-11-3	Dimethylphthalate	48.9	U	48.9	77.8	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.8	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.8	U	49.8	77.8	100	ug/Kg
99-09-2	3-Nitroaniline	53.4	U	53.4	77.8	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.8	100	ug/Kg
Total PAH	Total PAH	793.6	U	793.6	77.8	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.5	U	50.5	77.8	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.6	U	51.6	77.8	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.4	U	101.4	77.8	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.8	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.8	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.8	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.8	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	77.8	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.8	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.2	U	47.2	77.8	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.8	100	ug/Kg
1912-24-9	Atrazine	54.7	U	54.7	77.8	100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BF112224
Lab Sample ID:	P4923-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140573.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

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	77.8	100	ug/Kg
120-12-7	Anthracene	50.5	U	50.5	77.8	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.8	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.8	100	ug/Kg
206-44-0	Fluoranthene	48.9	U	48.9	77.8	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	77.8	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.8	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.3	U	48.3	77.8	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.8	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.8	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	77.8	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.8	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.8	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.8	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.6	U	48.6	77.8	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.8	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.8	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.8	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.7	U	44.7	77.8	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.8	U	49.8	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	33.595		18-112		22	SPK: -150
13127-88-3	Phenol-d6	47.399		15-107		32	SPK: -150
4165-60-0	Nitrobenzene-d5	54.592		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	58.62		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BF112224
Lab Sample ID:	P4923-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF140573.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	23.055		10-116		15	SPK: -150
1718-51-0	Terphenyl-d14	61.503		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91907	6.869				
1146-65-2	Naphthalene-d8	340657	8.151				
15067-26-2	Acenaphthene-d10	185539	9.904				
1517-22-2	Phenanthrene-d10	340060	11.398				
1719-03-5	Chrysene-d12	217309	14.045				
1520-96-3	Perylene-d12	189876	15.539				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140574.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.1	U	59.1	180	220	ug/Kg
110-86-1	Pyridine	54.4	U	54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66	U	66	88.5	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.6	U	57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.9	U	58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	56.5	U	56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.9	U	61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.5	U	56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.5	120	ug/Kg
78-59-1	Isophorone	57.6	U	57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	150		56.3	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140574.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.1	U	59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	240		56.2	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	59.5	U	59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	64.7	U	64.7	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.5	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.5	120	ug/Kg
Total PAH	Total PAH	902.5	U	902.5	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.4	U	115.4	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.5	120	ug/Kg
86-73-7	Fluorene	58.2	U	58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.7	U	79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	54.2	U	54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140574.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.2	U	57.2	88.5	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.5	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.4	U	57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	55.6	U	55.6	88.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.5	U	56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.9	U	65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	88.5	120	ug/Kg
218-01-9	Chrysene	54.2	U	54.2	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.9	U	74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.2	U	55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.3	U	63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.1	U	59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	74.9	U	74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	120		56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.681		18-112		52	SPK: -150
13127-88-3	Phenol-d6	78.966		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	51.913		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	52.318		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140574.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.76		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	52.978		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83735	6.869				
1146-65-2	Naphthalene-d8	304229	8.151				
15067-26-2	Acenaphthene-d10	161093	9.904				
1517-22-2	Phenanthrene-d10	299752	11.398				
1719-03-5	Chrysene-d12	189138	14.045				
1520-96-3	Perylene-d12	166071	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	820	J			2.14	
000592-27-8	Heptane, 2-methyl-	110	J			3.922	
000111-65-9	Octane	140	J			4.516	
000100-41-4	Ethylbenzene	140	J			5.363	
000095-47-6	o-Xylene	180	J			5.722	
000111-84-2	Nonane	180	J			5.781	
000103-65-1	Benzene, propyl-	240	J			6.328	
017301-94-9	Nonane, 4-methyl-	150	J			6.363	
000620-14-4	Benzene, 1-ethyl-3-methyl-	470	J			6.392	
000611-14-3	Benzene, 1-ethyl-2-methyl-	150	J			6.428	
000526-73-8	Benzene, 1,2,3-trimethyl-	890	J			6.692	
000622-96-8	Benzene, 1-ethyl-4-methyl-	230	J			6.928	
000496-11-7	Indane	110	J			7.045	
000141-93-5	Benzene, 1,3-diethyl-	120	J			7.116	
001074-43-7	Benzene, 1-methyl-3-propyl-	200	J			7.139	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	410	J			7.186	
001074-17-5	Benzene, 1-methyl-2-propyl-	190	J			7.257	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	140	J			7.333	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	120	J			7.663	

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140574.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000824-90-8	1-Phenyl-1-butene	160	J			7.886	

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112224
Lab Sample ID:	P4938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140575.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.3	U	59.3	180	230	ug/Kg
110-86-1	Pyridine	54.6	U	54.6	88.8	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.2	U	66.2	88.8	120	ug/Kg
108-95-2	Phenol	56.6	U	56.6	88.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.2	U	57.2	88.8	120	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	88.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.8	U	57.8	88.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.7	U	58.7	88.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.1	U	59.1	88.8	120	ug/Kg
100-51-6	Benzyl Alcohol	56.7	U	56.7	180	230	ug/Kg
95-48-7	2-Methylphenol	55	U	55	88.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.1	U	62.1	88.8	120	ug/Kg
98-86-2	Acetophenone	59.3	U	59.3	88.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.5	U	54.5	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	56.7	U	56.7	88.8	120	ug/Kg
98-95-3	Nitrobenzene	62	U	62	88.8	120	ug/Kg
78-59-1	Isophorone	57.8	U	57.8	88.8	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.7	U	63.7	88.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.6	U	58.6	88.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.6	U	51.6	88.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.3	U	58.3	88.8	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.4	U	56.4	88.8	120	ug/Kg
106-47-8	4-Chloroaniline	56.4	U	56.4	88.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.9	U	56.9	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112224
Lab Sample ID:	P4938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140575.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.3	U	59.3	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.9	U	52.9	88.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.3	U	56.3	88.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.8	U	48.8	88.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	88.8	120	ug/Kg
92-52-4	1,1-Biphenyl	59.7	U	59.7	88.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.9	U	56.9	88.8	120	ug/Kg
88-74-4	2-Nitroaniline	64.9	U	64.9	88.8	120	ug/Kg
131-11-3	Dimethylphthalate	55.8	U	55.8	88.8	120	ug/Kg
208-96-8	Acenaphthylene	59.1	U	59.1	88.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.8	U	56.8	88.8	120	ug/Kg
99-09-2	3-Nitroaniline	60.9	U	60.9	88.8	120	ug/Kg
83-32-9	Acenaphthene	55.4	U	55.4	88.8	120	ug/Kg
Total PAH	Total PAH	905	U	905	88.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.2	U	79.2	180	230	ug/Kg
132-64-9	Dibenzofuran	57.6	U	57.6	88.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.7	U	115.7	88.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.9	U	58.9	88.8	120	ug/Kg
84-66-2	Diethylphthalate	54.7	U	54.7	88.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.5	U	58.5	88.8	120	ug/Kg
86-73-7	Fluorene	58.4	U	58.4	88.8	120	ug/Kg
100-01-6	4-Nitroaniline	73.1	U	73.1	88.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.9	U	79.9	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.7	U	55.7	88.8	120	ug/Kg
103-33-3	Azobenzene	54.4	U	54.4	88.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.9	U	53.9	88.8	120	ug/Kg
118-74-1	Hexachlorobenzene	58.1	U	58.1	88.8	120	ug/Kg
1912-24-9	Atrazine	62.4	U	62.4	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112224
Lab Sample ID:	P4938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140575.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.8	U	52.8	180	230	ug/Kg
85-01-8	Phenanthrene	57.4	U	57.4	88.8	120	ug/Kg
120-12-7	Anthracene	57.6	U	57.6	88.8	120	ug/Kg
86-74-8	Carbazole	54.8	U	54.8	88.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.6	U	57.6	88.8	120	ug/Kg
206-44-0	Fluoranthene	55.8	U	55.8	88.8	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	56.7	U	56.7	88.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.1	U	66.1	88.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.3	U	67.3	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.1	U	55.1	88.8	120	ug/Kg
218-01-9	Chrysene	54.3	U	54.3	88.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.1	U	62.1	88.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.1	U	75.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.4	U	55.4	88.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.4	U	56.4	88.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.5	U	63.5	88.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.3	U	53.3	88.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.5	U	55.5	88.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.7	U	54.7	88.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.3	U	59.3	88.8	120	ug/Kg
123-91-1	1,4-Dioxane	75.1	U	75.1	88.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	88.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.8	U	56.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	139.079		18-112		93	SPK: -150
13127-88-3	Phenol-d6	135.62		15-107		90	SPK: -150
4165-60-0	Nitrobenzene-d5	91.616		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.339		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112224
Lab Sample ID:	P4938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140575.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.243		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	84.198		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80091	6.869				
1146-65-2	Naphthalene-d8	301592	8.151				
15067-26-2	Acenaphthene-d10	165815	9.904				
1517-22-2	Phenanthrene-d10	307074	11.398				
1719-03-5	Chrysene-d12	195805	14.045				
1520-96-3	Perylene-d12	169036	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	530	J			2.158	
000926-82-9	Heptane, 3,5-dimethyl-	190	J			5.022	
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	210	J			5.093	
	unknown5.293	290	J			5.293	
003728-56-1	1-Ethyl-4-methylcyclohexane	230	J			5.898	
1000210-90-2	7-Methylbicyclo[4.2.0]octane	220	J			6.034	
002051-30-1	Octane, 2,6-dimethyl-	530	J			6.122	
017615-91-7	Undecane, 5,6-dimethyl-	220	J			6.31	
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	230	J			6.404	
004291-79-6	Cyclohexane, 1-methyl-2-propyl-	190	J			6.61	
	unknown7.510	300	J			7.51	
1000406-39-3	Heptyl tetradecyl ether	240	J			7.563	
017312-54-8	Decane, 3,7-dimethyl-	250	J			7.645	
1000152-47-3	trans-Decalin, 2-methyl-	240	J			7.675	
001678-98-4	Cyclohexane, (2-methylpropyl)-	250	J			7.769	
002547-27-5	trans-4a-Methyl-decahydronaphthale	170	J			7.787	
017301-23-4	Undecane, 2,6-dimethyl-	290	J			8.204	
	unknown8.439	240	J			8.439	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	210	J			8.563	

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112224
Lab Sample ID:	P4938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
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
BF140575.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	200	J			11.922	

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MS	SDG No.:	BF112224
Lab Sample ID:	P4938-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140576.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		59.2	180	230	ug/Kg
110-86-1	Pyridine	1200		54.5	88.7	120	ug/Kg
100-52-7	Benzaldehyde	890		120	180	230	ug/Kg
62-53-3	Aniline	920		66.1	88.7	120	ug/Kg
108-95-2	Phenol	1200		56.6	88.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57.1	88.7	120	ug/Kg
95-57-8	2-Chlorophenol	1200		57	88.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.7	88.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.7	88.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		59	88.7	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.6	180	230	ug/Kg
95-48-7	2-Methylphenol	1100		55	88.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		62	88.7	120	ug/Kg
98-86-2	Acetophenone	1100		59.3	88.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.5	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	1200		56.6	88.7	120	ug/Kg
98-95-3	Nitrobenzene	1100		62	88.7	120	ug/Kg
78-59-1	Isophorone	1200		57.7	88.7	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.5	88.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		63.6	88.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.6	88.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.5	88.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.3	88.7	120	ug/Kg
65-85-0	Benzoic acid	1000		160	180	230	ug/Kg
91-20-3	Naphthalene	1100		56.4	88.7	120	ug/Kg
106-47-8	4-Chloroaniline	270		56.4	88.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.8	88.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MS	SDG No.:	BF112224
Lab Sample ID:	P4938-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140576.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		59.2	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.9	88.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.3	88.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4100	E	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.7	88.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.5	88.7	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.6	88.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.8	88.7	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.8	88.7	120	ug/Kg
131-11-3	Dimethylphthalate	1100		55.8	88.7	120	ug/Kg
208-96-8	Acenaphthylene	1200		59	88.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.8	88.7	120	ug/Kg
99-09-2	3-Nitroaniline	530		60.9	88.7	120	ug/Kg
83-32-9	Acenaphthene	1100		55.3	88.7	120	ug/Kg
Total PAH	Total PAH	18070		904.3	88.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	2400	E	79.2	180	230	ug/Kg
132-64-9	Dibenzofuran	1100		57.6	88.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		115.6	88.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.8	88.7	120	ug/Kg
84-66-2	Diethylphthalate	1100		54.7	88.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.4	88.7	120	ug/Kg
86-73-7	Fluorene	1100		58.3	88.7	120	ug/Kg
100-01-6	4-Nitroaniline	1000		73	88.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		79.8	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		55.7	88.7	120	ug/Kg
103-33-3	Azobenzene	1200		54.3	88.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.8	88.7	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58	88.7	120	ug/Kg
1912-24-9	Atrazine	1400		62.4	88.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MS	SDG No.:	BF112224
Lab Sample ID:	P4938-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140576.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600	E	52.8	180	230	ug/Kg
85-01-8	Phenanthrene	1100		57.3	88.7	120	ug/Kg
120-12-7	Anthracene	1200		57.6	88.7	120	ug/Kg
86-74-8	Carbazole	1200		54.8	88.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.5	88.7	120	ug/Kg
206-44-0	Fluoranthene	1200		55.8	88.7	120	ug/Kg
92-87-5	Benzidine	870		110	180	230	ug/Kg
129-00-0	Pyrene	1100		56.6	88.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		66.1	88.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	750		67.3	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55.1	88.7	120	ug/Kg
218-01-9	Chrysene	1200		54.3	88.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62.1	88.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		75.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		55.3	88.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56.4	88.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.5	88.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		53.3	88.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		55.4	88.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		54.7	88.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.2	88.7	120	ug/Kg
123-91-1	1,4-Dioxane	1100		75.1	88.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51	88.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.966		18-112		79	SPK: -150
13127-88-3	Phenol-d6	115.325		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	81.269		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	76.164		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MS	SDG No.:	BF112224
Lab Sample ID:	P4938-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140576.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.673		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	76.982		10-105		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84346	6.869				
1146-65-2	Naphthalene-d8	306818	8.151				
15067-26-2	Acenaphthene-d10	169712	9.91				
1517-22-2	Phenanthrene-d10	323089	11.398				
1719-03-5	Chrysene-d12	192467	14.051				
1520-96-3	Perylene-d12	184087	15.539				

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MSD	SDG No.:	BF112224
Lab Sample ID:	P4938-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140577.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		59.3	180	230	ug/Kg
110-86-1	Pyridine	1200		54.6	88.8	120	ug/Kg
100-52-7	Benzaldehyde	920		120	180	230	ug/Kg
62-53-3	Aniline	970		66.2	88.8	120	ug/Kg
108-95-2	Phenol	1200		56.6	88.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		57.2	88.8	120	ug/Kg
95-57-8	2-Chlorophenol	1200		57	88.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.8	88.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.7	88.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		59.1	88.8	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		56.7	180	230	ug/Kg
95-48-7	2-Methylphenol	1200		55	88.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		62.1	88.8	120	ug/Kg
98-86-2	Acetophenone	1100		59.3	88.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54.5	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	1200		56.7	88.8	120	ug/Kg
98-95-3	Nitrobenzene	1100		62	88.8	120	ug/Kg
78-59-1	Isophorone	1200		57.8	88.8	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.5	88.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		63.6	88.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		58.6	88.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.6	88.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.3	88.8	120	ug/Kg
65-85-0	Benzoic acid	1100		160	180	230	ug/Kg
91-20-3	Naphthalene	1100		56.4	88.8	120	ug/Kg
106-47-8	4-Chloroaniline	280		56.4	88.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.9	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MSD	SDG No.:	BF112224
Lab Sample ID:	P4938-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140577.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		59.3	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.9	88.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.3	88.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	E	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		48.8	88.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.5	88.8	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.7	88.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.9	88.8	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.9	88.8	120	ug/Kg
131-11-3	Dimethylphthalate	1200		55.8	88.8	120	ug/Kg
208-96-8	Acenaphthylene	1200		59.1	88.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.8	88.8	120	ug/Kg
99-09-2	3-Nitroaniline	550		60.9	88.8	120	ug/Kg
83-32-9	Acenaphthene	1200		55.4	88.8	120	ug/Kg
Total PAH	Total PAH	18170		904.9	88.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	2500	E	79.2	180	230	ug/Kg
132-64-9	Dibenzofuran	1100		57.6	88.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		115.7	88.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.9	88.8	120	ug/Kg
84-66-2	Diethylphthalate	1200		54.7	88.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.4	88.8	120	ug/Kg
86-73-7	Fluorene	1100		58.4	88.8	120	ug/Kg
100-01-6	4-Nitroaniline	1000		73.1	88.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		79.9	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		55.7	88.8	120	ug/Kg
103-33-3	Azobenzene	1300		54.4	88.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.9	88.8	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58	88.8	120	ug/Kg
1912-24-9	Atrazine	1300		62.4	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MSD	SDG No.:	BF112224
Lab Sample ID:	P4938-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140577.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500	E	52.8	180	230	ug/Kg
85-01-8	Phenanthrene	1100		57.4	88.8	120	ug/Kg
120-12-7	Anthracene	1200		57.6	88.8	120	ug/Kg
86-74-8	Carbazole	1200		54.8	88.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.6	88.8	120	ug/Kg
206-44-0	Fluoranthene	1200		55.8	88.8	120	ug/Kg
92-87-5	Benzidine	890		110	180	230	ug/Kg
129-00-0	Pyrene	1100		56.7	88.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	1200		66.1	88.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	780		67.3	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55.1	88.8	120	ug/Kg
218-01-9	Chrysene	1100		54.3	88.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62.1	88.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		75.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.4	88.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56.4	88.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.5	88.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		53.3	88.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		55.4	88.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		54.7	88.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.3	88.8	120	ug/Kg
123-91-1	1,4-Dioxane	1100		75.1	88.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		51	88.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	122.124		18-112		81	SPK: -150
13127-88-3	Phenol-d6	119.277		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	81.551		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	75.992		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732MSD	SDG No.:	BF112224
Lab Sample ID:	P4938-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140577.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.518		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	75.434		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84528	6.869				
1146-65-2	Naphthalene-d8	315703	8.151				
15067-26-2	Acenaphthene-d10	175034	9.91				
1517-22-2	Phenanthrene-d10	341593	11.398				
1719-03-5	Chrysene-d12	201797	14.051				
1520-96-3	Perylene-d12	190352	15.533				

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:	PH2-BOT-007	SDG No.:	BF112224
Lab Sample ID:	P4860-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
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
BF140578.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.4	U	88.4	280	340	ug/Kg
110-86-1	Pyridine	81.4	U	81.4	130	170	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	98.7	U	98.7	130	170	ug/Kg
108-95-2	Phenol	84.5	U	84.5	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	85.3	U	85.3	130	170	ug/Kg
95-57-8	2-Chlorophenol	85.1	U	85.1	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	86.2	U	86.2	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	87.6	U	87.6	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	88.1	U	88.1	130	170	ug/Kg
100-51-6	Benzyl Alcohol	84.6	U	84.6	280	340	ug/Kg
95-48-7	2-Methylphenol	82.1	U	82.1	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92.6	U	92.6	130	170	ug/Kg
98-86-2	Acetophenone	88.5	U	88.5	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	81.3	U	81.3	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.1	U	41.1	81.5	81.5	ug/Kg
67-72-1	Hexachloroethane	84.6	U	84.6	130	170	ug/Kg
98-95-3	Nitrobenzene	92.5	U	92.5	130	170	ug/Kg
78-59-1	Isophorone	86.2	U	86.2	130	170	ug/Kg
88-75-5	2-Nitrophenol	96.3	U	96.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	94.9	U	94.9	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	87.4	U	87.4	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	76.9	U	76.9	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	87	U	87	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	84.1	U	84.1	130	170	ug/Kg
106-47-8	4-Chloroaniline	84.1	U	84.1	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84.9	U	84.9	130	170	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:	PH2-BOT-007	SDG No.:	BF112224
Lab Sample ID:	P4860-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
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
BF140578.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	88.4	U	88.4	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	79	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	84	U	84	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72.7	U	72.7	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75.4	U	75.4	130	170	ug/Kg
92-52-4	1,1-Biphenyl	89	U	89	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.9	U	84.9	130	170	ug/Kg
88-74-4	2-Nitroaniline	96.8	U	96.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	83.2	U	83.2	130	170	ug/Kg
208-96-8	Acenaphthylene	88.1	U	88.1	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	84.8	U	84.8	130	170	ug/Kg
99-09-2	3-Nitroaniline	90.9	U	90.9	130	170	ug/Kg
83-32-9	Acenaphthene	82.6	U	82.6	130	170	ug/Kg
Total PAH	Total PAH	1349.8	U	1349.8	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	86	U	86	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	72.6	U	172.6	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	87.8	U	87.8	130	170	ug/Kg
84-66-2	Diethylphthalate	81.6	U	81.6	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	87.2	U	87.2	130	170	ug/Kg
86-73-7	Fluorene	87.1	U	87.1	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	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	83.1	U	83.1	130	170	ug/Kg
103-33-3	Azobenzene	81.1	U	81.1	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80.4	U	80.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	86.6	U	86.6	130	170	ug/Kg
1912-24-9	Atrazine	93.1	U	93.1	130	170	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:	PH2-BOT-007	SDG No.:	BF112224
Lab Sample ID:	P4860-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140578.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	78.7	U	78.7	280	340	ug/Kg
85-01-8	Phenanthrene	85.6	U	85.6	130	170	ug/Kg
120-12-7	Anthracene	86	U	86	130	170	ug/Kg
86-74-8	Carbazole	81.8	U	81.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	85.9	U	85.9	130	170	ug/Kg
206-44-0	Fluoranthene	83.2	U	83.2	130	170	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	84.6	U	84.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	98.6	U	98.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	82.2	U	82.2	130	170	ug/Kg
218-01-9	Chrysene	81	U	81	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92.7	U	92.7	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	82.6	U	82.6	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	84.1	U	84.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.7	U	94.7	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79.6	U	79.6	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82.7	U	82.7	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	81.6	U	81.6	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	88.4	U	88.4	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	76.1	U	76.1	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	84.8	U	84.8	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.228		18-112		50	SPK: -150
13127-88-3	Phenol-d6	75.251		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.381		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	55.773		20-109		56	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:	PH2-BOT-007	SDG No.:	BF112224
Lab Sample ID:	P4860-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140578.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.181		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	54.143		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93283	6.869				
1146-65-2	Naphthalene-d8	346410	8.151				
15067-26-2	Acenaphthene-d10	184115	9.904				
1517-22-2	Phenanthrene-d10	340852	11.398				
1719-03-5	Chrysene-d12	203007	14.045				
1520-96-3	Perylene-d12	190451	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.14	
000119-61-9	Benzophenone	320	J			10.616	
000057-10-3	n-Hexadecanoic acid	130	J			11.922	
010192-32-2	1-Tetracosene	150	J			13.886	

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:	PH2-BOT-004	SDG No.:	BF112224
Lab Sample ID:	P4860-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.9
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
BF140579.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.2	U	88.2	270	340	ug/Kg
110-86-1	Pyridine	81.2	U	81.2	130	170	ug/Kg
100-52-7	Benzaldehyde	190	U	190	270	340	ug/Kg
62-53-3	Aniline	98.5	U	98.5	130	170	ug/Kg
108-95-2	Phenol	84.3	U	84.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	85.1	U	85.1	130	170	ug/Kg
95-57-8	2-Chlorophenol	84.9	U	84.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	86	U	86	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	87.4	U	87.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	87.9	U	87.9	130	170	ug/Kg
100-51-6	Benzyl Alcohol	84.4	U	84.4	270	340	ug/Kg
95-48-7	2-Methylphenol	81.9	U	81.9	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	92.4	U	92.4	130	170	ug/Kg
98-86-2	Acetophenone	88.3	U	88.3	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	81.1	U	81.1	270	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41	U	41	81.3	81.3	ug/Kg
67-72-1	Hexachloroethane	84.4	U	84.4	130	170	ug/Kg
98-95-3	Nitrobenzene	92.3	U	92.3	130	170	ug/Kg
78-59-1	Isophorone	86	U	86	130	170	ug/Kg
88-75-5	2-Nitrophenol	96.1	U	96.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	94.8	U	94.8	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	87.2	U	87.2	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	76.8	U	76.8	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.8	U	86.8	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	340	ug/Kg
91-20-3	Naphthalene	84	U	84	130	170	ug/Kg
106-47-8	4-Chloroaniline	84	U	84	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84.7	U	84.7	130	170	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:	PH2-BOT-004	SDG No.:	BF112224
Lab Sample ID:	P4860-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.9
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
BF140579.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	88.2	U	88.2	270	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	78.8	U	78.8	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	83.9	U	83.9	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72.6	U	72.6	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75.2	U	75.2	130	170	ug/Kg
92-52-4	1,1-Biphenyl	88.9	U	88.9	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.7	U	84.7	130	170	ug/Kg
88-74-4	2-Nitroaniline	96.6	U	96.6	130	170	ug/Kg
131-11-3	Dimethylphthalate	83.1	U	83.1	130	170	ug/Kg
208-96-8	Acenaphthylene	87.9	U	87.9	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	84.6	U	84.6	130	170	ug/Kg
99-09-2	3-Nitroaniline	90.7	U	90.7	130	170	ug/Kg
83-32-9	Acenaphthene	82.5	U	82.5	130	170	ug/Kg
Total PAH	Total PAH	1347.2	U	1347.2	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	270	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	340	ug/Kg
132-64-9	Dibenzofuran	85.8	U	85.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	72.2	U	172.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	87.6	U	87.6	130	170	ug/Kg
84-66-2	Diethylphthalate	81.4	U	81.4	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	87	U	87	130	170	ug/Kg
86-73-7	Fluorene	86.9	U	86.9	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	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	83	U	83	130	170	ug/Kg
103-33-3	Azobenzene	80.9	U	80.9	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80.2	U	80.2	130	170	ug/Kg
118-74-1	Hexachlorobenzene	86.4	U	86.4	130	170	ug/Kg
1912-24-9	Atrazine	92.9	U	92.9	130	170	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:	PH2-BOT-004			SDG No.:	BF112224		
Lab Sample ID:	P4860-05			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	1.9		
Sample Wt/Vol:	30.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140579.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	78.6	U	78.6	270	340	ug/Kg
85-01-8	Phenanthrene	85.4	U	85.4	130	170	ug/Kg
120-12-7	Anthracene	85.8	U	85.8	130	170	ug/Kg
86-74-8	Carbazole	81.6	U	81.6	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	85.7	U	85.7	130	170	ug/Kg
206-44-0	Fluoranthene	83.1	U	83.1	130	170	ug/Kg
92-87-5	Benzidine	170	U	170	270	340	ug/Kg
129-00-0	Pyrene	84.4	U	84.4	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	98.4	U	98.4	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	270	340	ug/Kg
56-55-3	Benzo(a)anthracene	82	U	82	130	170	ug/Kg
218-01-9	Chrysene	80.8	U	80.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92.5	U	92.5	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	82.5	U	82.5	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	84	U	84	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.5	U	94.5	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79.4	U	79.4	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	82.6	U	82.6	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	81.4	U	81.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	88.2	U	88.2	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	75.9	U	75.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	84.6	U	84.6	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.293		18-112		58	SPK: -150
13127-88-3	Phenol-d6	84.474		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	59.472		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	63.687		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:	PH2-BOT-004	SDG No.:	BF112224
Lab Sample ID:	P4860-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.9
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140579.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.363		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	63.602		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90927	6.869				
1146-65-2	Naphthalene-d8	332795	8.151				
15067-26-2	Acenaphthene-d10	173346	9.904				
1517-22-2	Phenanthrene-d10	323538	11.398				
1719-03-5	Chrysene-d12	178379	14.045				
1520-96-3	Perylene-d12	173467	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.14	
000119-61-9	Benzophenone	370	J			10.621	
000057-10-3	n-Hexadecanoic acid	93.9	J			11.921	
1000406-04-8	Pentadecafluorooctanoic acid, octa	150	J			13.88	

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF112224
Lab Sample ID:	P4924-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140580.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.3	U	55.3	170	210	ug/Kg
110-86-1	Pyridine	50.9	U	50.9	82.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.7	U	61.7	82.8	110	ug/Kg
108-95-2	Phenol	52.8	U	52.8	82.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.3	U	53.3	82.8	110	ug/Kg
95-57-8	2-Chlorophenol	53.2	U	53.2	82.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.9	U	53.9	82.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.7	U	54.7	82.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.1	U	55.1	82.8	110	ug/Kg
100-51-6	Benzyl Alcohol	52.8	U	52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	51.3	U	51.3	82.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.9	U	57.9	82.8	110	ug/Kg
98-86-2	Acetophenone	55.3	U	55.3	82.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.8	U	50.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	52.8	U	52.8	82.8	110	ug/Kg
98-95-3	Nitrobenzene	57.8	U	57.8	82.8	110	ug/Kg
78-59-1	Isophorone	53.9	U	53.9	82.8	110	ug/Kg
88-75-5	2-Nitrophenol	60.2	U	60.2	82.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.3	U	59.3	82.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.6	U	54.6	82.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.1	U	48.1	82.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.4	U	54.4	82.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.6	U	52.6	82.8	110	ug/Kg
106-47-8	4-Chloroaniline	52.6	U	52.6	82.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	82.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF112224
Lab Sample ID:	P4924-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140580.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.3	U	55.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.3	U	49.3	82.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.5	U	52.5	82.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.3	U	99.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.5	U	45.5	82.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.1	U	47.1	82.8	110	ug/Kg
92-52-4	1,1-Biphenyl	55.6	U	55.6	82.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	82.8	110	ug/Kg
88-74-4	2-Nitroaniline	60.5	U	60.5	82.8	110	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	82.8	110	ug/Kg
208-96-8	Acenaphthylene	55.1	U	55.1	82.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	82.8	110	ug/Kg
99-09-2	3-Nitroaniline	56.8	U	56.8	82.8	110	ug/Kg
83-32-9	Acenaphthene	51.6	U	51.6	82.8	110	ug/Kg
Total PAH	Total PAH	843.5	U	843.5	82.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.8	U	73.8	170	210	ug/Kg
132-64-9	Dibenzofuran	53.7	U	53.7	82.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.9	U	107.9	82.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.9	U	54.9	82.8	110	ug/Kg
84-66-2	Diethylphthalate	51	U	51	82.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.5	U	54.5	82.8	110	ug/Kg
86-73-7	Fluorene	54.4	U	54.4	82.8	110	ug/Kg
100-01-6	4-Nitroaniline	68.1	U	68.1	82.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.5	U	74.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.9	U	51.9	82.8	110	ug/Kg
103-33-3	Azobenzene	50.7	U	50.7	82.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.2	U	50.2	82.8	110	ug/Kg
118-74-1	Hexachlorobenzene	54.1	U	54.1	82.8	110	ug/Kg
1912-24-9	Atrazine	58.2	U	58.2	82.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF112224
Lab Sample ID:	P4924-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140580.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.2	U	49.2	170	210	ug/Kg
85-01-8	Phenanthrene	53.5	U	53.5	82.8	110	ug/Kg
120-12-7	Anthracene	53.7	U	53.7	82.8	110	ug/Kg
86-74-8	Carbazole	51.1	U	51.1	82.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.7	U	53.7	82.8	110	ug/Kg
206-44-0	Fluoranthene	52	U	52	82.8	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.8	U	52.8	82.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.6	U	61.6	82.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.8	U	62.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.4	U	51.4	82.8	110	ug/Kg
218-01-9	Chrysene	50.6	U	50.6	82.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.9	U	57.9	82.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.6	U	51.6	82.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.6	U	52.6	82.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.2	U	59.2	82.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.7	U	49.7	82.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.7	U	51.7	82.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	82.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.3	U	55.3	82.8	110	ug/Kg
123-91-1	1,4-Dioxane	70	U	70	82.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.6	U	47.6	82.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.859		18-112		51	SPK: -150
13127-88-3	Phenol-d6	77.363		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	54.643		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	54.496		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-4	SDG No.:	BF112224
Lab Sample ID:	P4924-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
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
BF140580.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.179		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	50.046		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101269	6.869				
1146-65-2	Naphthalene-d8	371620	8.151				
15067-26-2	Acenaphthene-d10	204240	9.904				
1517-22-2	Phenanthrene-d10	333640	11.398				
1719-03-5	Chrysene-d12	181651	14.045				
1520-96-3	Perylene-d12	176199	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	630	J			2.128	
000119-61-9	Benzophenone	60.3	J			10.622	
000057-10-3	n-Hexadecanoic acid	120	J			11.922	
006222-03-3	Trifluoroacetoxy hexadecane	92.7	J			13.886	
000301-02-0	9-Octadecenamide, (Z)-	47.5	J			14.804	
007683-64-9	Supraene	110	J			14.898	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	337	SDG No.:	BF112224
Lab Sample ID:	P4948-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF140581.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.8	U	54.8	170	210	ug/Kg
110-86-1	Pyridine	50.4	U	50.4	82	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	61.1	U	61.1	82	110	ug/Kg
108-95-2	Phenol	52.3	U	52.3	82	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.8	U	52.8	82	110	ug/Kg
95-57-8	2-Chlorophenol	52.7	U	52.7	82	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.4	U	53.4	82	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.3	U	54.3	82	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.6	U	54.6	82	110	ug/Kg
100-51-6	Benzyl Alcohol	52.4	U	52.4	170	210	ug/Kg
95-48-7	2-Methylphenol	50.8	U	50.8	82	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.3	U	57.3	82	110	ug/Kg
98-86-2	Acetophenone	54.8	U	54.8	82	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.3	U	50.3	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.4	U	25.4	50.5	50.5	ug/Kg
67-72-1	Hexachloroethane	52.4	U	52.4	82	110	ug/Kg
98-95-3	Nitrobenzene	57.3	U	57.3	82	110	ug/Kg
78-59-1	Isophorone	53.4	U	53.4	82	110	ug/Kg
88-75-5	2-Nitrophenol	59.6	U	59.6	82	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.8	U	58.8	82	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.1	U	54.1	82	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.6	U	47.6	82	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.9	U	53.9	82	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.1	U	52.1	82	110	ug/Kg
106-47-8	4-Chloroaniline	52.1	U	52.1	82	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.5	U	52.5	82	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	337	SDG No.:	BF112224
Lab Sample ID:	P4948-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF140581.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.8	U	54.8	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.9	U	48.9	82	110	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	82	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.4	U	98.4	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45	U	45	82	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.7	U	46.7	82	110	ug/Kg
92-52-4	1,1-Biphenyl	55.1	U	55.1	82	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.5	U	52.5	82	110	ug/Kg
88-74-4	2-Nitroaniline	59.9	U	59.9	82	110	ug/Kg
131-11-3	Dimethylphthalate	51.5	U	51.5	82	110	ug/Kg
208-96-8	Acenaphthylene	54.6	U	54.6	82	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.5	U	52.5	82	110	ug/Kg
99-09-2	3-Nitroaniline	56.3	U	56.3	82	110	ug/Kg
83-32-9	Acenaphthene	51.2	U	51.2	82	110	ug/Kg
Total PAH	Total PAH	836	U	836	82	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.2	U	73.2	170	210	ug/Kg
132-64-9	Dibenzofuran	53.2	U	53.2	82	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	106.9	U	106.9	82	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.4	U	54.4	82	110	ug/Kg
84-66-2	Diethylphthalate	50.5	U	50.5	82	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	82	110	ug/Kg
86-73-7	Fluorene	53.9	U	53.9	82	110	ug/Kg
100-01-6	4-Nitroaniline	67.5	U	67.5	82	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.8	U	73.8	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.5	U	51.5	82	110	ug/Kg
103-33-3	Azobenzene	50.2	U	50.2	82	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.8	U	49.8	82	110	ug/Kg
118-74-1	Hexachlorobenzene	53.6	U	53.6	82	110	ug/Kg
1912-24-9	Atrazine	57.7	U	57.7	82	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	337	SDG No.:	BF112224
Lab Sample ID:	P4948-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF140581.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.8	U	48.8	170	210	ug/Kg
85-01-8	Phenanthrene	68.5	J	53	82	110	ug/Kg
120-12-7	Anthracene	53.2	U	53.2	82	110	ug/Kg
86-74-8	Carbazole	50.7	U	50.7	82	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.2	U	53.2	82	110	ug/Kg
206-44-0	Fluoranthene	100	J	51.5	82	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	91.3	J	52.4	82	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.1	U	61.1	82	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.2	U	62.2	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	71.4	J	50.9	82	110	ug/Kg
218-01-9	Chrysene	64.4	J	50.2	82	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.4	U	57.4	82	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.4	U	69.4	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.6	J	51.2	82	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.1	U	52.1	82	110	ug/Kg
50-32-8	Benzo(a)pyrene	73.7	J	58.7	82	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.3	U	49.3	82	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.2	U	51.2	82	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.5	U	50.5	82	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.8	U	54.8	82	110	ug/Kg
123-91-1	1,4-Dioxane	69.4	U	69.4	82	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.1	U	47.1	82	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.5	U	52.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.772		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.673		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	54.207		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	59.151		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	337	SDG No.:	BF112224
Lab Sample ID:	P4948-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5
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
BF140581.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.333		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	49.439		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79664	6.869				
1146-65-2	Naphthalene-d8	289178	8.151				
15067-26-2	Acenaphthene-d10	149117	9.904				
1517-22-2	Phenanthrene-d10	236951	11.398				
1719-03-5	Chrysene-d12	147337	14.045				
1520-96-3	Perylene-d12	119356	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	810	J			2.128	
000119-61-9	Benzophenone	180	J			10.616	
000057-10-3	n-Hexadecanoic acid	110	J			11.922	
1000130-87-1	4-Methyl-E-9-octadecene	63.9	J			13.886	
000629-94-7	Heneicosane	82.4	J			15.986	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	CONTAINMENT-STONE	SDG No.:	BF112224
Lab Sample ID:	P4949-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140582.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

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

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	CONTAINMENT-STONE	SDG No.:	BF112224
Lab Sample ID:	P4949-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140582.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

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

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	CONTAINMENT-STONE	SDG No.:	BF112224
Lab Sample ID:	P4949-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140582.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.6	U	50.6	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.8	U	97.8	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.1	U	58.1	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.7	U	48.7	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.6	U	49.6	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.9	U	46.9	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.1	U	48.1	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.1	U	52.1	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	53.89		18-112		36	SPK: -150
13127-88-3	Phenol-d6	51.843		15-107		35	SPK: -150
4165-60-0	Nitrobenzene-d5	36.4		18-107		36	SPK: -100
321-60-8	2-Fluorobiphenyl	47.928		20-109		48	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	CONTAINMENT-STONE	SDG No.:	BF112224
Lab Sample ID:	P4949-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140582.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	53.703		10-116		36	SPK: -150
1718-51-0	Terphenyl-d14	28.751		10-105		29	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79258	6.869				
1146-65-2	Naphthalene-d8	284824	8.151				
15067-26-2	Acenaphthene-d10	115116	9.91				
1517-22-2	Phenanthrene-d10	139197	11.433				
1719-03-5	Chrysene-d12	139671	14.086				
1520-96-3	Perylene-d12	121597	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-99-2	Pentacosane	51.6	J			9.169	
005333-42-6	1-Dodecanol, 2-octyl-	140	J			9.304	
000112-40-3	Dodecane	400	J			9.628	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF112224
Lab Sample ID:	P4948-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
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
BF140583.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.5	U	53.5	170	200	ug/Kg
110-86-1	Pyridine	49.3	U	49.3	80.2	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.8	U	59.8	80.2	100	ug/Kg
108-95-2	Phenol	51.1	U	51.1	80.2	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.6	U	51.6	80.2	100	ug/Kg
95-57-8	2-Chlorophenol	51.5	U	51.5	80.2	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.2	U	52.2	80.2	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.1	U	53.1	80.2	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.4	U	53.4	80.2	100	ug/Kg
100-51-6	Benzyl Alcohol	51.2	U	51.2	170	200	ug/Kg
95-48-7	2-Methylphenol	49.7	U	49.7	80.2	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.1	U	56.1	80.2	100	ug/Kg
98-86-2	Acetophenone	53.6	U	53.6	80.2	100	ug/Kg
65794-96-9	3+4-Methylphenols	49.2	U	49.2	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.9	U	24.9	49.4	49.4	ug/Kg
67-72-1	Hexachloroethane	51.2	U	51.2	80.2	100	ug/Kg
98-95-3	Nitrobenzene	56	U	56	80.2	100	ug/Kg
78-59-1	Isophorone	52.2	U	52.2	80.2	100	ug/Kg
88-75-5	2-Nitrophenol	58.3	U	58.3	80.2	100	ug/Kg
105-67-9	2,4-Dimethylphenol	57.5	U	57.5	80.2	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	52.9	U	52.9	80.2	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.6	U	46.6	80.2	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.7	U	52.7	80.2	100	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	51	U	51	80.2	100	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	80.2	100	ug/Kg
87-68-3	Hexachlorobutadiene	51.4	U	51.4	80.2	100	ug/Kg



Client:				Date Collected:	11/21/2024 12:00:00 AM	
Project:				Date Received:	11/21/2024 12:00:00 AM	
Client Sample ID:	72-11944			SDG No.:	BF112224	
Lab Sample ID:	P4948-03			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	2.8	
Sample Wt/Vol:	50.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140583.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.5	U	53.5	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.8	U	47.8	80.2	100	ug/Kg
91-57-6	2-Methylnaphthalene	70.3	J	50.9	80.2	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.2	U	96.2	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44	U	44	80.2	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.7	U	45.7	80.2	100	ug/Kg
92-52-4	1,1-Biphenyl	53.9	U	53.9	80.2	100	ug/Kg
91-58-7	2-Chloronaphthalene	51.4	U	51.4	80.2	100	ug/Kg
88-74-4	2-Nitroaniline	58.6	U	58.6	80.2	100	ug/Kg
131-11-3	Dimethylphthalate	50.4	U	50.4	80.2	100	ug/Kg
208-96-8	Acenaphthylene	53.4	U	53.4	80.2	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.3	U	51.3	80.2	100	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	80.2	100	ug/Kg
83-32-9	Acenaphthene	50	U	50	80.2	100	ug/Kg
Total PAH	Total PAH	5004.6	U	817.5	80.2	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.6	U	71.6	170	200	ug/Kg
132-64-9	Dibenzofuran	52.1	U	52.1	80.2	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.2	U	53.2	80.2	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.5	U	104.5	80.2	200	ug/Kg
84-66-2	Diethylphthalate	49.4	U	49.4	80.2	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.8	U	52.8	80.2	100	ug/Kg
86-73-7	Fluorene	52.7	U	52.7	80.2	100	ug/Kg
100-01-6	4-Nitroaniline	66	U	66	80.2	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.2	U	72.2	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.3	U	50.3	80.2	100	ug/Kg
103-33-3	Azobenzene	49.1	U	49.1	80.2	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.7	U	48.7	80.2	100	ug/Kg
118-74-1	Hexachlorobenzene	52.4	U	52.4	80.2	100	ug/Kg
1912-24-9	Atrazine	56.4	U	56.4	80.2	100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF112224
Lab Sample ID:	P4948-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
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
BF140583.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.7	U	47.7	170	200	ug/Kg
85-01-8	Phenanthrene	800		51.8	80.2	100	ug/Kg
120-12-7	Anthracene	52.1	U	52.1	80.2	100	ug/Kg
86-74-8	Carbazole	49.5	U	49.5	80.2	100	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	80.2	100	ug/Kg
206-44-0	Fluoranthene	860		50.4	80.2	100	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	430		51.2	80.2	100	ug/Kg
85-68-7	Butylbenzylphthalate	59.7	U	59.7	80.2	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60.8	U	60.8	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	400		49.8	80.2	100	ug/Kg
218-01-9	Chrysene	400		49	80.2	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160		56.1	80.2	100	ug/Kg
117-84-0	Di-n-octyl phthalate	67.9	U	67.9	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		50	80.2	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		51	80.2	100	ug/Kg
50-32-8	Benzo(a)pyrene	490		57.4	80.2	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		48.2	80.2	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.6	J	50.1	80.2	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		49.4	80.2	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.5	U	53.5	80.2	100	ug/Kg
123-91-1	1,4-Dioxane	67.9	U	67.9	80.2	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.1	U	46.1	80.2	100	ug/Kg
90-12-0	1-Methylnaphthalene	51.3	U	51.3	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.207		18-112		56	SPK: -150
13127-88-3	Phenol-d6	85.456		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	60.301		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	62.885		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF112224
Lab Sample ID:	P4948-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.8
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
BF140583.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	84.022		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	43.542		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75120	6.869				
1146-65-2	Naphthalene-d8	242890	8.151				
15067-26-2	Acenaphthene-d10	100128	9.933				
1517-22-2	Phenanthrene-d10	100540	11.469				
1719-03-5	Chrysene-d12	120763	14.098				
1520-96-3	Perylene-d12	114925	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
1000152-47-3	trans-Decalin, 2-methyl-	170	J			7.675	
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	84.3	J			7.745	
002958-76-1	Naphthalene, decahydro-2-methyl-	110	J			7.792	
	unknown7.904	55.3	J			7.904	
030651-68-4	5,7-Dodecadiene, (E,E)-	52.8	J			8.051	
054166-48-2	Cyclohexanone, 2-(2-butyryl)-	120	J			8.098	
003748-83-2	Pyridine, pentamethyl-	120	J			8.204	
000700-12-9	Benzene, pentamethyl-	82.7	J			8.239	
000702-79-4	Adamantane, 1,3-dimethyl-	96	J			8.386	
	unknown8.445	200	J			8.445	
	unknown8.533	140	J			8.533	
	unknown8.616	780	J			8.616	
	unknown9.151	120	J			9.151	
	unknown9.633	420	J			9.633	
	unknown9.798	330	J			9.798	
	unknown9.845	410	J			9.845	

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:	SOIL-2	SDG No.:	BF112224
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140584.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.6	U	96.6	300	370	ug/Kg
110-86-1	Pyridine	88.9	U	88.9	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.3	U	92.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.9	U	92.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.2	U	94.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.3	U	96.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.4	U	92.4	300	370	ug/Kg
95-48-7	2-Methylphenol	89.7	U	89.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.7	U	96.7	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.8	U	88.8	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89	89	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95	U	95	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.9	U	91.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.9	U	91.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.7	U	92.7	140	190	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:	SOIL-2	SDG No.:	BF112224
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140584.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.6	U	96.6	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.8	U	91.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.9	U	90.9	140	190	ug/Kg
208-96-8	Acenaphthylene	96.3	U	96.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.6	U	92.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	U	99.3	140	190	ug/Kg
83-32-9	Acenaphthene	90.3	U	90.3	140	190	ug/Kg
Total PAH	Total PAH	1471.3	U	1471.3	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.9	U	93.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	188.5	U	188.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.9	U	95.9	140	190	ug/Kg
84-66-2	Diethylphthalate	89.1	U	89.1	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	140	190	ug/Kg
86-73-7	Fluorene	95.2	U	95.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.8	U	90.8	140	190	ug/Kg
103-33-3	Azobenzene	88.6	U	88.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.8	U	87.8	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.6	U	94.6	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	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:	SOIL-2	SDG No.:	BF112224
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140584.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86	U	86	300	370	ug/Kg
85-01-8	Phenanthrene	93.5	U	93.5	140	190	ug/Kg
120-12-7	Anthracene	93.9	U	93.9	140	190	ug/Kg
86-74-8	Carbazole	89.4	U	89.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.8	U	93.8	140	190	ug/Kg
206-44-0	Fluoranthene	90.9	U	90.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92.4	U	92.4	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.8	U	89.8	140	190	ug/Kg
218-01-9	Chrysene	88.5	U	88.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.3	U	90.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.9	U	91.9	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	86.9	U	86.9	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.4	U	90.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.1	U	89.1	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.6	U	96.6	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	83.1	U	83.1	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.6	U	92.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.626		18-112		50	SPK: -150
13127-88-3	Phenol-d6	74.988		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	52.544		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	57.838		20-109		58	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:	SOIL-2	SDG No.:	BF112224
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140584.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	64.242		10-116		43	SPK: -150
1718-51-0	Terphenyl-d14	49.274		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94553	6.869				
1146-65-2	Naphthalene-d8	339272	8.151				
15067-26-2	Acenaphthene-d10	155649	9.904				
1517-22-2	Phenanthrene-d10	243666	11.398				
1719-03-5	Chrysene-d12	157983	14.045				
1520-96-3	Perylene-d12	117092	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.128	
000119-61-9	Benzophenone	440	J			10.621	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	88.3	J			10.927	
000057-10-3	n-Hexadecanoic acid	360	J			11.921	
074685-33-9	3-Eicosene, (E)-	280	J			13.874	
000629-99-2	Pentacosane	110	J			15.162	

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:	SOIL-1			SDG No.:	BF112224		
Lab Sample ID:	P4822-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.6		
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140585.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.8	U	93.8	290	360	ug/Kg
110-86-1	Pyridine	86.4	U	86.4	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.6	U	89.6	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.5	U	90.5	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.3	U	90.3	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.5	U	91.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93	U	93	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.5	U	93.5	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.7	U	89.7	290	360	ug/Kg
95-48-7	2-Methylphenol	87.1	U	87.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.3	U	98.3	140	180	ug/Kg
98-86-2	Acetophenone	94	U	94	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.3	U	86.3	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	43.6	86.5	86.5	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	140	180	ug/Kg
98-95-3	Nitrobenzene	98.2	U	98.2	140	180	ug/Kg
78-59-1	Isophorone	91.5	U	91.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.8	U	92.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.6	U	81.6	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.3	U	92.3	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.3	U	89.3	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.3	U	89.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.1	U	90.1	140	180	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:	SOIL-1	SDG No.:	BF112224
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140585.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.8	U	93.8	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.8	U	83.8	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.2	U	89.2	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.2	U	77.2	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.5	U	94.5	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.1	U	90.1	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.3	U	88.3	140	180	ug/Kg
208-96-8	Acenaphthylene	93.5	U	93.5	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.4	U	96.4	140	180	ug/Kg
83-32-9	Acenaphthene	87.7	U	87.7	140	180	ug/Kg
Total PAH	Total PAH	1432.1	U	1432.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.3	U	91.3	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.2	U	93.2	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.2	U	183.2	140	360	ug/Kg
84-66-2	Diethylphthalate	86.6	U	86.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.5	U	92.5	140	180	ug/Kg
86-73-7	Fluorene	92.4	U	92.4	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.2	U	88.2	140	180	ug/Kg
103-33-3	Azobenzene	86.1	U	86.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.3	U	85.3	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.9	U	91.9	140	180	ug/Kg
1912-24-9	Atrazine	98.8	U	98.8	140	180	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:	SOIL-1	SDG No.:	BF112224
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140585.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.6	U	83.6	290	360	ug/Kg
85-01-8	Phenanthrene	90.8	U	90.8	140	180	ug/Kg
120-12-7	Anthracene	91.3	U	91.3	140	180	ug/Kg
86-74-8	Carbazole	86.8	U	86.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.1	U	91.1	140	180	ug/Kg
206-44-0	Fluoranthene	130	J	88.3	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	140	J	89.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	96.6	J	87.3	140	180	ug/Kg
218-01-9	Chrysene	90.8	J	86	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.4	U	98.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	87.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.3	U	89.3	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.4	U	84.4	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.8	U	87.8	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.6	U	86.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.8	U	93.8	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.8	U	80.8	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90	U	90	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.861		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.329		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	53.014		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	62.393		20-109		62	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:	SOIL-1	SDG No.:	BF112224
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140585.D	1	11/13/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.479		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	51.874		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92752	6.869				
1146-65-2	Naphthalene-d8	331348	8.151				
15067-26-2	Acenaphthene-d10	154566	9.904				
1517-22-2	Phenanthrene-d10	245783	11.398				
1719-03-5	Chrysene-d12	154652	14.045				
1520-96-3	Perylene-d12	119489	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.122	
000119-61-9	Benzophenone	350	J			10.622	
000057-10-3	n-Hexadecanoic acid	340	J			11.922	
074685-30-6	5-Eicosene, (E)-	200	J			13.874	

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140586.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140586.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140586.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

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	82.047		10-139		55	SPK: -150
13127-88-3	Phenol-d6	78.833		10-134		53	SPK: -150
4165-60-0	Nitrobenzene-d5	57.015		49-133		57	SPK: -100
321-60-8	2-Fluorobiphenyl	59.755		52-132		60	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	MH-741	SDG No.:	BF112224
Lab Sample ID:	P4925-04	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
BF140586.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.705		44-137		44	SPK: -150
1718-51-0	Terphenyl-d14	47.729		48-125		48	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90170	6.869				
1146-65-2	Naphthalene-d8	315564	8.151				
15067-26-2	Acenaphthene-d10	146876	9.91				
1517-22-2	Phenanthrene-d10	232144	11.398				
1719-03-5	Chrysene-d12	160735	14.045				
1520-96-3	Perylene-d12	124855	15.533				

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112224
Lab Sample ID:	P4938-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF140587.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59	U	59	180	220	ug/Kg
110-86-1	Pyridine	54.3	U	54.3	88.4	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.9	U	65.9	88.4	120	ug/Kg
108-95-2	Phenol	56.4	U	56.4	88.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.9	U	56.9	88.4	120	ug/Kg
95-57-8	2-Chlorophenol	56.8	U	56.8	88.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.5	U	57.5	88.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.5	U	58.5	88.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.8	U	58.8	88.4	120	ug/Kg
100-51-6	Benzyl Alcohol	56.4	U	56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	54.8	U	54.8	88.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.8	U	61.8	88.4	120	ug/Kg
98-86-2	Acetophenone	59.1	U	59.1	88.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.3	U	54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	56.4	U	56.4	88.4	120	ug/Kg
98-95-3	Nitrobenzene	61.7	U	61.7	88.4	120	ug/Kg
78-59-1	Isophorone	57.5	U	57.5	88.4	120	ug/Kg
88-75-5	2-Nitrophenol	64.3	U	64.3	88.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.4	U	63.4	88.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.3	U	58.3	88.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	88.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.1	U	58.1	88.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.2	U	56.2	88.4	120	ug/Kg
106-47-8	4-Chloroaniline	56.2	U	56.2	88.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.6	U	56.6	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112224
Lab Sample ID:	P4938-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF140587.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59	U	59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.7	U	52.7	88.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.1	U	56.1	88.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.3	U	50.3	88.4	120	ug/Kg
92-52-4	1,1-Biphenyl	59.4	U	59.4	88.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.6	U	56.6	88.4	120	ug/Kg
88-74-4	2-Nitroaniline	64.6	U	64.6	88.4	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.4	120	ug/Kg
208-96-8	Acenaphthylene	58.8	U	58.8	88.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.6	U	56.6	88.4	120	ug/Kg
99-09-2	3-Nitroaniline	60.7	U	60.7	88.4	120	ug/Kg
83-32-9	Acenaphthene	55.1	U	55.1	88.4	120	ug/Kg
Total PAH	Total PAH	901	U	901	88.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.9	U	78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	57.4	U	57.4	88.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	88.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.2	U	115.2	88.4	240	ug/Kg
84-66-2	Diethylphthalate	54.5	U	54.5	88.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.2	U	58.2	88.4	120	ug/Kg
86-73-7	Fluorene	58.1	U	58.1	88.4	120	ug/Kg
100-01-6	4-Nitroaniline	72.8	U	72.8	88.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.6	U	79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.5	U	55.5	88.4	120	ug/Kg
103-33-3	Azobenzene	54.1	U	54.1	88.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.4	120	ug/Kg
118-74-1	Hexachlorobenzene	57.8	U	57.8	88.4	120	ug/Kg
1912-24-9	Atrazine	62.2	U	62.2	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112224
Lab Sample ID:	P4938-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF140587.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.6	U	52.6	180	220	ug/Kg
85-01-8	Phenanthrene	57.1	U	57.1	88.4	120	ug/Kg
120-12-7	Anthracene	57.4	U	57.4	88.4	120	ug/Kg
86-74-8	Carbazole	54.6	U	54.6	88.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.3	U	57.3	88.4	120	ug/Kg
206-44-0	Fluoranthene	55.6	U	55.6	88.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.4	U	56.4	88.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.8	U	65.8	88.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.9	U	54.9	88.4	120	ug/Kg
218-01-9	Chrysene	54.1	U	54.1	88.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.9	U	61.9	88.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.8	U	74.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.1	U	55.1	88.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.2	U	56.2	88.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.2	U	63.2	88.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.1	U	53.1	88.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.2	U	55.2	88.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.5	U	54.5	88.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	88.4	120	ug/Kg
123-91-1	1,4-Dioxane	74.8	U	74.8	88.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.8	U	50.8	88.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.6	U	56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.914		18-112		59	SPK: -150
13127-88-3	Phenol-d6	85.455		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	62.364		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	68.373		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112224
Lab Sample ID:	P4938-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
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
BF140587.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.197		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	52.434		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88108	6.869				
1146-65-2	Naphthalene-d8	302057	8.151				
15067-26-2	Acenaphthene-d10	132193	9.91				
1517-22-2	Phenanthrene-d10	215904	11.404				
1719-03-5	Chrysene-d12	155758	14.045				
1520-96-3	Perylene-d12	125827	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	710	J			2.128	
017301-23-4	Undecane, 2,6-dimethyl-	310	J			8.204	
	unknown8.240	190	J			8.24	
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	190	J			8.351	
	unknown8.440	240	J			8.44	
062016-33-5	Octane, 2,3,6-trimethyl-	830	J			8.569	
053366-38-4	Cyclopentane, (2-methylbutyl)-	270	J			8.687	
	unknown8.834	340	J			8.834	
	unknown8.928	220	J			8.928	
074645-98-0	Dodecane, 2,7,10-trimethyl-	920	J			9.169	
000334-68-9	Dodecane, 1-fluoro-	560	J			9.31	
000544-76-3	Hexadecane	1100	J			9.622	
035507-09-6	7-Hexadecene, (Z)-	210	J			9.775	
	unknown10.163	630	J			10.163	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	270	J			10.228	
	unknown10.316	300	J			10.316	
003054-63-5	Dodecane, 4,9-dipropyl-	1200	J			10.557	
026730-12-1	Tridecane, 4-methyl-	1300	J			10.822	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	1000	J			11.286	

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112224
Lab Sample ID:	P4938-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140587.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165155

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000629-94-7	Heneicosane	240	J			11.639	

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:	PH2-BOT-001	SDG No.:	BF112224
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140588.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.6	U	89.6	280	340	ug/Kg
110-86-1	Pyridine	82.5	U	82.5	130	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	100	U	100	130	180	ug/Kg
108-95-2	Phenol	85.6	U	85.6	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.4	U	86.4	130	180	ug/Kg
95-57-8	2-Chlorophenol	86.2	U	86.2	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.3	U	87.3	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.8	U	88.8	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.3	U	89.3	130	180	ug/Kg
100-51-6	Benzyl Alcohol	85.7	U	85.7	280	340	ug/Kg
95-48-7	2-Methylphenol	83.2	U	83.2	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.8	U	93.8	130	180	ug/Kg
98-86-2	Acetophenone	89.7	U	89.7	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.4	U	82.4	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.6	U	41.6	82.6	82.6	ug/Kg
67-72-1	Hexachloroethane	85.7	U	85.7	130	180	ug/Kg
98-95-3	Nitrobenzene	93.7	U	93.7	130	180	ug/Kg
78-59-1	Isophorone	87.3	U	87.3	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.6	U	97.6	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.2	U	96.2	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.6	U	88.6	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	77.9	U	77.9	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.2	U	88.2	130	180	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	85.3	U	85.3	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.3	U	85.3	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	130	180	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:	PH2-BOT-001	SDG No.:	BF112224
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140588.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.6	U	89.6	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.2	U	85.2	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.7	U	73.7	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.4	U	76.4	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.2	U	90.2	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	130	180	ug/Kg
88-74-4	2-Nitroaniline	98.1	U	98.1	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.3	U	84.3	130	180	ug/Kg
208-96-8	Acenaphthylene	89.3	U	89.3	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	85.9	U	85.9	130	180	ug/Kg
99-09-2	3-Nitroaniline	92.1	U	92.1	130	180	ug/Kg
83-32-9	Acenaphthene	83.7	U	83.7	130	180	ug/Kg
Total PAH	Total PAH	1367.9	U	1367.9	130	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	87.1	U	87.1	130	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	89	U	89	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	74.9	U	174.9	130	360	ug/Kg
84-66-2	Diethylphthalate	82.7	U	82.7	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.4	U	88.4	130	180	ug/Kg
86-73-7	Fluorene	88.3	U	88.3	130	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	84.2	U	84.2	130	180	ug/Kg
103-33-3	Azobenzene	82.2	U	82.2	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.5	U	81.5	130	180	ug/Kg
118-74-1	Hexachlorobenzene	87.8	U	87.8	130	180	ug/Kg
1912-24-9	Atrazine	94.4	U	94.4	130	180	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:	PH2-BOT-001	SDG No.:	BF112224
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140588.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.8	U	79.8	280	340	ug/Kg
85-01-8	Phenanthrene	86.7	U	86.7	130	180	ug/Kg
120-12-7	Anthracene	87.1	U	87.1	130	180	ug/Kg
86-74-8	Carbazole	82.9	U	82.9	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	130	180	ug/Kg
206-44-0	Fluoranthene	84.3	U	84.3	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85.7	U	85.7	130	180	ug/Kg
85-68-7	Butylbenzylphthalate	99.9	U	99.9	130	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.3	U	83.3	130	180	ug/Kg
218-01-9	Chrysene	82.1	U	82.1	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420		93.9	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.7	U	83.7	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.3	U	85.3	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.6	U	80.6	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.8	U	83.8	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.7	U	82.7	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.6	U	89.6	130	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77.1	U	77.1	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	85.9	U	85.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.737		18-112		66	SPK: -150
13127-88-3	Phenol-d6	96.82		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	71.77		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	79.914		20-109		80	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:	PH2-BOT-001	SDG No.:	BF112224
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140588.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.722		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	67.887		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91972	6.869				
1146-65-2	Naphthalene-d8	309675	8.151				
15067-26-2	Acenaphthene-d10	141425	9.904				
1517-22-2	Phenanthrene-d10	223631	11.398				
1719-03-5	Chrysene-d12	148537	14.045				
1520-96-3	Perylene-d12	113324	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.134	
055000-52-7	Hexadecane, 2,6,10-trimethyl-	230	J			10.816	
000057-10-3	n-Hexadecanoic acid	500	J			11.922	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	220	J			12.339	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	730	J			12.651	
055045-10-8	Tridecane, 6-propyl-	240	J			13.204	
000629-78-7	Heptadecane	410	J			13.551	
028336-57-4	Cyclohexane, 1,3,5-triphenyl-	600	J			13.845	
000112-95-8	Eicosane	750	J			13.88	
004757-69-1	1H-Indole, 2-methyl-3-phenyl-	360	J			14.174	
000638-67-5	Tricosane	950	J			14.204	
000629-94-7	Heneicosane	650	J			14.504	
000630-02-4	Octacosane	410	J			14.816	
007683-64-9	Supraene	250	J			14.892	
055282-11-6	Heneicosane, 11-(1-ethylpropyl)-	420	J			15.157	
014905-56-7	Tetradecane, 2,6,10-trimethyl-	240	J			15.986	
1000514-95-7	5.beta.-Cholestan-3.alpha.-ol, 2-m	1600	J			16.239	
1010210-43-4	Cholestan-2-one	1800	J			16.451	
019466-47-8	Stigmastanol	320	J			17.386	

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:	PH2-BOT-001	SDG No.:	BF112224
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140588.D	1	11/16/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown17.657	440	J			17.657	

Hit Summary Sheet SW-846

SDG No.: BF112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-1								
P4822-02	SOIL-1	Solid	5-Eicosene, (E)-	*	200.000	J		
P4822-02	SOIL-1	Solid	Benzophenone	*	350.000	J		
P4822-02	SOIL-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4822-02	SOIL-1	Solid	n-Hexadecanoic acid	*	340.000	J		
Total Tics :					1,990.00			
P4822-02	SOIL-1	Solid	Benzo(a)anthracene		96.600	J	87.3	180 ug/Kg
P4822-02	SOIL-1	Solid	Benzo(a)pyrene		100.000	J	100	180 ug/Kg
P4822-02	SOIL-1	Solid	Benzo(b)fluoranthene		160.000	J	87.7	180 ug/Kg
P4822-02	SOIL-1	Solid	Chrysene		90.800	J	86	180 ug/Kg
P4822-02	SOIL-1	Solid	Fluoranthene		130.000	J	88.3	180 ug/Kg
P4822-02	SOIL-1	Solid	Pyrene		140.000	J	89.7	180 ug/Kg
Total Svoc :					717.40			
Total Concentration:					2,707.40			
Client ID : SOIL-2								
P4822-04	SOIL-2	Solid	3-Eicosene, (E)-	*	280.000	J		
P4822-04	SOIL-2	Solid	Benzophenone	*	440.000	J		
P4822-04	SOIL-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P4822-04	SOIL-2	Solid	Methanone, (1-hydroxycyclohexy	*	88.300	J		
P4822-04	SOIL-2	Solid	n-Hexadecanoic acid	*	360.000	J		
P4822-04	SOIL-2	Solid	Pentacosane	*	110.000	J		
Total Tics :					2,678.30			
Total Concentration:					2,678.30			
Client ID : PH2-BOT-001								
P4860-02	PH2-BOT-001	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	730.000	J		
P4860-02	PH2-BOT-001	Solid	1H-Indole, 2-methyl-3-phenyl-	*	360.000	J		
P4860-02	PH2-BOT-001	Solid	4b,8-Dimethyl-2-isopropylphenan	*	220.000	J		
P4860-02	PH2-BOT-001	Solid	5.beta.-Cholestan-3.alpha.-ol, 2-m	*	1,600.000	J		
P4860-02	PH2-BOT-001	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P4860-02	PH2-BOT-001	Solid	Cholestan-2-one	*	1,800.000	J		
P4860-02	PH2-BOT-001	Solid	Cyclohexane, 1,3,5-triphenyl-	*	600.000	J		
P4860-02	PH2-BOT-001	Solid	Eicosane	*	750.000	J		
P4860-02	PH2-BOT-001	Solid	Heneicosane	*	650.000	J		
P4860-02	PH2-BOT-001	Solid	Heneicosane, 11-(1-ethylpropyl)-	*	420.000	J		
P4860-02	PH2-BOT-001	Solid	Heptadecane	*	410.000	J		
P4860-02	PH2-BOT-001	Solid	Hexadecane, 2,6,10-trimethyl-	*	230.000	J		
P4860-02	PH2-BOT-001	Solid	n-Hexadecanoic acid	*	500.000	J		

Hit Summary Sheet SW-846

SDG No.: BF112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-02	PH2-BOT-001	Solid	Octacosane	*	410.000	J		
P4860-02	PH2-BOT-001	Solid	Stigmastanol	*	320.000	J		
P4860-02	PH2-BOT-001	Solid	Supraene	*	250.000	J		
P4860-02	PH2-BOT-001	Solid	Tetradecane, 2,6,10-trimethyl-	*	240.000	J		
P4860-02	PH2-BOT-001	Solid	Tricosane	*	950.000	J		
P4860-02	PH2-BOT-001	Solid	Tridecane, 6-propyl-	*	240.000	J		
P4860-02	PH2-BOT-001	Solid	unknown17.657	*	440.000	J		
Total Tics :					12,320.00			
P4860-02	PH2-BOT-001	Solid	Bis(2-ethylhexyl)phthalate		420.000	93.9	180	ug/Kg
Total Svoc :					420.00			
Total Concentration:					12,740.00			
Client ID : PH2-BOT-004								
P4860-05	PH2-BOT-004	Solid	Benzophenone	*	370.000	J		
P4860-05	PH2-BOT-004	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P4860-05	PH2-BOT-004	Solid	n-Hexadecanoic acid	*	93.900	J		
P4860-05	PH2-BOT-004	Solid	Pentadecafluorooctanoic acid, oct:	*	150.000	J		
Total Tics :					2,013.90			
Total Concentration:					2,013.90			
Client ID : PH2-BOT-007								
P4860-08	PH2-BOT-007	Solid	1-Tetracosene	*	150.000	J		
P4860-08	PH2-BOT-007	Solid	Benzophenone	*	320.000	J		
P4860-08	PH2-BOT-007	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P4860-08	PH2-BOT-007	Solid	n-Hexadecanoic acid	*	130.000	J		
Total Tics :					1,800.00			
Total Concentration:					1,800.00			
Client ID : MH-759								
P4910-08	MH-759	water	Benzidine		47.800	J 40.7	100	ug/L
Total Svoc :					47.80			
Total Concentration:					47.80			
Client ID : MH-4								
P4924-01	MH-4	Solid	9-Octadecenamide, (Z)-	*	47.500	J		
P4924-01	MH-4	Solid	Benzophenone	*	60.300	J		
P4924-01	MH-4	Solid	Butane, 2-methoxy-2-methyl-	*	630.000	J		
P4924-01	MH-4	Solid	n-Hexadecanoic acid	*	120.000	J		
P4924-01	MH-4	Solid	Supraene	*	110.000	J		
P4924-01	MH-4	Solid	Trifluoroacetoxy hexadecane	*	92.700	J		
Total Tics :					1,060.50			
Total Concentration:					1,060.50			

Hit Summary Sheet SW-846

SDG No.: BF112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MH-741								
P4925-01	MH-741	Solid	1-Phenyl-1-butene	*	160.000	J		
P4925-01	MH-741	Solid	Benzene, 1,2,3-trimethyl-	*	890.000	J		
P4925-01	MH-741	Solid	Benzene, 1,2,4,5-tetramethyl-	*	120.000	J		
P4925-01	MH-741	Solid	Benzene, 1,3-diethyl-	*	120.000	J		
P4925-01	MH-741	Solid	Benzene, 1-ethyl-2-methyl-	*	150.000	J		
P4925-01	MH-741	Solid	Benzene, 1-ethyl-3-methyl-	*	470.000	J		
P4925-01	MH-741	Solid	Benzene, 1-ethyl-4-methyl-	*	230.000	J		
P4925-01	MH-741	Solid	Benzene, 1-methyl-2-propyl-	*	190.000	J		
P4925-01	MH-741	Solid	Benzene, 1-methyl-3-propyl-	*	200.000	J		
P4925-01	MH-741	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	410.000	J		
P4925-01	MH-741	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	140.000	J		
P4925-01	MH-741	Solid	Benzene, propyl-	*	240.000	J		
P4925-01	MH-741	Solid	Butane, 2-methoxy-2-methyl-	*	820.000	J		
P4925-01	MH-741	Solid	Ethylbenzene	*	140.000	J		
P4925-01	MH-741	Solid	Heptane, 2-methyl-	*	110.000	J		
P4925-01	MH-741	Solid	Indane	*	110.000	J		
P4925-01	MH-741	Solid	Nonane	*	180.000	J		
P4925-01	MH-741	Solid	Nonane, 4-methyl-	*	150.000	J		
P4925-01	MH-741	Solid	o-Xylene	*	180.000	J		
P4925-01	MH-741	Solid	Octane	*	140.000	J		
Total Tics :					5,150.00			
P4925-01	MH-741	Solid	1-Methylnaphthalene		120.000	56.7	120	ug/Kg
P4925-01	MH-741	Solid	2-Methylnaphthalene		240.000	56.2	120	ug/Kg
P4925-01	MH-741	Solid	Naphthalene		150.000	56.3	120	ug/Kg
Total Svoc :					510.00			
Total Concentration:					5,660.00			
Client ID : MH-732								
P4938-01	MH-732	Solid	1-Ethyl-4-methylcyclohexane	*	230.000	J		
P4938-01	MH-732	Solid	4-Octene, 2,6-dimethyl-, [S-(E)]-	*	230.000	J		
P4938-01	MH-732	Solid	7-Methylbicyclo[4.2.0]octane	*	220.000	J		
P4938-01	MH-732	Solid	Butane, 2-methoxy-2-methyl-	*	530.000	J		
P4938-01	MH-732	Solid	Cyclohexane, (2-methylpropyl)-	*	250.000	J		
P4938-01	MH-732	Solid	Cyclohexane, 1,1,3-trimethyl-	*	210.000	J		
P4938-01	MH-732	Solid	Cyclohexane, 1-methyl-2-propyl-	*	190.000	J		
P4938-01	MH-732	Solid	Decane, 3,7-dimethyl-	*	250.000	J		
P4938-01	MH-732	Solid	Heptane, 3,5-dimethyl-	*	190.000	J		
P4938-01	MH-732	Solid	Heptyl tetradecyl ether	*	240.000	J		
P4938-01	MH-732	Solid	n-Hexadecanoic acid	*	200.000	J		
P4938-01	MH-732	Solid	Octane, 2,6-dimethyl-	*	530.000	J		

Hit Summary Sheet SW-846

SDG No.: BF112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4938-01	MH-732	Solid	Sulfurous acid, decyl 2-ethylhexyl *	210.000	J			
P4938-01	MH-732	Solid	trans-4a-Methyl-decahydronaphth *	170.000	J			
P4938-01	MH-732	Solid	trans-Decalin, 2-methyl- *	240.000	J			
P4938-01	MH-732	Solid	Undecane, 2,6-dimethyl- *	290.000	J			
P4938-01	MH-732	Solid	Undecane, 5,6-dimethyl- *	220.000	J			
P4938-01	MH-732	Solid	unknown5.293	290.000	J			
P4938-01	MH-732	Solid	unknown7.510	300.000	J			
P4938-01	MH-732	Solid	unknown8.439	240.000	J			

Total Tics : 5,230.00

Total Concentration: 5,230.00

Client ID : MH-734

P4938-05	MH-734	Solid	7-Hexadecene, (Z)- *	210.000	J			
P4938-05	MH-734	Solid	Butane, 2-methoxy-2-methyl- *	710.000	J			
P4938-05	MH-734	Solid	Cyclohexane, 2-butyl-1,1,3-trimet *	190.000	J			
P4938-05	MH-734	Solid	Cyclopentane, (2-methylbutyl)- *	270.000	J			
P4938-05	MH-734	Solid	Dodecane, 1-fluoro- *	560.000	J			
P4938-05	MH-734	Solid	Dodecane, 2,7,10-trimethyl- *	920.000	J			
P4938-05	MH-734	Solid	Dodecane, 4,9-dipropyl- *	1,200.000	J			
P4938-05	MH-734	Solid	Heneicosane *	240.000	J			
P4938-05	MH-734	Solid	Hexadecane *	1,100.000	J			
P4938-05	MH-734	Solid	Hexadecane, 2,6,10,14-tetramethy *	1,000.000	J			
P4938-05	MH-734	Solid	Naphthalene, 2,3,6-trimethyl- *	270.000	J			
P4938-05	MH-734	Solid	Octane, 2,3,6-trimethyl- *	830.000	J			
P4938-05	MH-734	Solid	Tridecane, 4-methyl- *	1,300.000	J			
P4938-05	MH-734	Solid	Undecane, 2,6-dimethyl- *	310.000	J			
P4938-05	MH-734	Solid	unknown10.163	630.000	J			
P4938-05	MH-734	Solid	unknown10.316	300.000	J			
P4938-05	MH-734	Solid	unknown8.240	190.000	J			
P4938-05	MH-734	Solid	unknown8.440	240.000	J			
P4938-05	MH-734	Solid	unknown8.834	340.000	J			
P4938-05	MH-734	Solid	unknown8.928	220.000	J			

Total Tics : 11,030.00

Total Concentration: 11,030.00

Client ID : 337

P4948-01	337	Solid	4-Methyl-E-9-octadecene *	63.900	J			
P4948-01	337	Solid	Benzophenone *	180.000	J			
P4948-01	337	Solid	Butane, 2-methoxy-2-methyl- *	810.000	J			
P4948-01	337	Solid	Heneicosane *	82.400	J			
P4948-01	337	Solid	n-Hexadecanoic acid *	110.000	J			

Total Tics : 1,246.30

Hit Summary Sheet SW-846

SDG No.: BF112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4948-01	337	Solid	Benzo(a)anthracene	71.400	J	50.9	110	ug/Kg
P4948-01	337	Solid	Benzo(a)pyrene	73.700	J	58.7	110	ug/Kg
P4948-01	337	Solid	Benzo(b)fluoranthene	94.600	J	51.2	110	ug/Kg
P4948-01	337	Solid	Chrysene	64.400	J	50.2	110	ug/Kg
P4948-01	337	Solid	Fluoranthene	100.000	J	51.5	110	ug/Kg
P4948-01	337	Solid	Phenanthrene	68.500	J	53	110	ug/Kg
P4948-01	337	Solid	Pyrene	91.300	J	52.4	110	ug/Kg

Total Svoc : 563.90
Total Concentration: 1,810.20

Client ID : 72-11944

P4948-03	72-11944	Solid	5,7-Dodecadiene, (E,E)-	*	52.800	J		
P4948-03	72-11944	Solid	5H-Pyrrolo(3,2-d)pyrimidine-2,4-	*	84.300	J		
P4948-03	72-11944	Solid	Adamantane, 1,3-dimethyl-	*	96.000	J		
P4948-03	72-11944	Solid	Benzene, pentamethyl-	*	82.700	J		
P4948-03	72-11944	Solid	Cyclohexanone, 2-(2-butyryl)-	*	120.000	J		
P4948-03	72-11944	Solid	Naphthalene, decahydro-2-methyl	*	110.000	J		
P4948-03	72-11944	Solid	Pyridine, pentamethyl-	*	120.000	J		
P4948-03	72-11944	Solid	trans-Decalin, 2-methyl-	*	170.000	J		
P4948-03	72-11944	Solid	unknown7.904	*	55.300	J		
P4948-03	72-11944	Solid	unknown8.445	*	200.000	J		
P4948-03	72-11944	Solid	unknown8.533	*	140.000	J		
P4948-03	72-11944	Solid	unknown8.616	*	780.000	J		
P4948-03	72-11944	Solid	unknown9.151	*	120.000	J		
P4948-03	72-11944	Solid	unknown9.633	*	420.000	J		
P4948-03	72-11944	Solid	unknown9.798	*	330.000	J		
P4948-03	72-11944	Solid	unknown9.845	*	410.000	J		

Total Tics : 3,291.10

P4948-03	72-11944	Solid	2-Methylnaphthalene		70.300	J	50.9	100	ug/Kg
P4948-03	72-11944	Solid	Benzo(a)anthracene		400.000		49.8	100	ug/Kg
P4948-03	72-11944	Solid	Benzo(a)pyrene		490.000		57.4	100	ug/Kg
P4948-03	72-11944	Solid	Benzo(b)fluoranthene		670.000		50	100	ug/Kg
P4948-03	72-11944	Solid	Benzo(g,h,i)perylene		320.000		49.4	100	ug/Kg
P4948-03	72-11944	Solid	Benzo(k)fluoranthene		270.000		51	100	ug/Kg
P4948-03	72-11944	Solid	Bis(2-ethylhexyl)phthalate		160.000		56.1	100	ug/Kg
P4948-03	72-11944	Solid	Chrysene		400.000		49	100	ug/Kg
P4948-03	72-11944	Solid	Dibenzo(a,h)anthracene		84.600	J	50.1	100	ug/Kg
P4948-03	72-11944	Solid	Fluoranthene		860.000		50.4	100	ug/Kg
P4948-03	72-11944	Solid	Indeno(1,2,3-cd)pyrene		280.000		48.2	100	ug/Kg
P4948-03	72-11944	Solid	Phenanthrene		800.000		51.8	100	ug/Kg
P4948-03	72-11944	Solid	Pyrene		430.000		51.2	100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			5,234.90		
			Total Concentration:			8,526.00		
Client ID : CONTAINMENT-STONE								
P4949-03	CONTAINMENT-STON	Solid	1-Dodecanol, 2-octyl-	*	140.000	J		
P4949-03	CONTAINMENT-STON	Solid	Dodecane	*	400.000	J		
P4949-03	CONTAINMENT-STON	Solid	Pentacosane	*	51.600	J		
			Total Tics :			591.60		
P4949-03	CONTAINMENT-STON	Solid	Bis(2-ethylhexyl)phthalate		310.000	54.6	100	ug/Kg
			Total Svoc :			310.00		
			Total Concentration:			901.60		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024
Calibration Time(s): 11:13

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.616	0.611	0.661	0.648	0.632	0.637	3.1
Pyridine		0.981	1.019	1.121	1.192	1.062	1.084	6.5
2-Fluorophenol		1.261	1.233	1.202	1.174	1.117	1.172	5.4
Benzaldehyde			1.007	0.970	0.738	0.752	0.820	19.6
Aniline		1.159	1.195	1.133	1.251	1.042	1.091	12.7
Phenol-d6		1.729	1.617	1.559	1.602	1.465	1.550	7.1
Phenol		1.723	1.648	1.620	1.667	1.514	1.583	7.0
bis(2-Chloroethyl)ether		1.292	1.242	1.214	1.246	1.146	1.211	4.6
2-Chlorophenol		1.385	1.328	1.278	1.283	1.201	1.261	6.5
1,2-Dichlorobenzene		1.503	1.434	1.375	1.355	1.268	1.344	7.7
1,3-Dichlorobenzene		1.600	1.493	1.433	1.399	1.345	1.417	7.3
1,4-Dichlorobenzene		1.613	1.501	1.456	1.428	1.358	1.435	7.0
Benzyl Alcohol		1.234	1.174	1.161	1.224	1.113	1.149	6.0
2-Methylphenol		1.121	1.034	1.033	1.042	0.956	1.010	6.7
2,2-oxybis(1-Chloropropane)		1.650	1.480	1.434	1.463	1.335	1.431	8.4
Acetophenone		0.536	0.511	0.494	0.481	0.463	0.488	5.7
3+4-Methylphenols		1.495	1.362	1.305	1.347	1.211	1.298	9.0
n-Nitroso-di-n-propylamine	0.972	1.002	0.949	0.916	0.946	0.856	0.916	6.8
Nitrobenzene-d5		0.409	0.403	0.395	0.392	0.377	0.391	3.2
Hexachloroethane		0.598	0.545	0.549	0.537	0.514	0.536	6.2
Nitrobenzene		0.439	0.409	0.409	0.401	0.388	0.404	4.3
Isophorone		0.694	0.654	0.657	0.662	0.629	0.652	3.4
2-Nitrophenol		0.178	0.172	0.185	0.180	0.178	0.179	2.2
2,4-Dimethylphenol		0.221	0.214	0.213	0.224	0.204	0.214	3.4
bis(2-Chloroethoxy)methane		0.428	0.408	0.403	0.397	0.378	0.397	4.4
2,4-Dichlorophenol		0.301	0.291	0.290	0.282	0.277	0.284	3.8
1,2,4-Trichlorobenzene		0.342	0.338	0.332	0.317	0.317	0.324	3.9
Benzoic acid			0.101	0.126	0.177	0.185	0.164	24.7
Naphthalene		1.116	1.075	1.062	1.013	0.993	1.030	5.3
4-Chloroaniline		0.308	0.318	0.309	0.325	0.303	0.308	3.7
Hexachlorobutadiene		0.227	0.225	0.219	0.212	0.209	0.215	4.2
Caprolactam		0.091	0.091	0.091	0.090	0.085	0.088	4.0
4-Chloro-3-methylphenol		0.348	0.318	0.317	0.327	0.307	0.318	5.0
2-Methylnaphthalene		0.724	0.680	0.669	0.650	0.623	0.654	6.1
Hexachlorocyclopentadiene			0.055	0.090	0.114	0.121	0.107	27.8
2,4,6-Trichlorophenol		0.384	0.358	0.375	0.366	0.364	0.367	2.5

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.: BF112124

SAS No.: BF112124

SDG No.: BF112124

Instrument ID: _____

Calibration Date(s): 11/21/2024

Calibration Time(s): 11:13

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.550	1.402	1.423	1.291	1.255	1.342	8.9
2,4,5-Trichlorophenol		0.402	0.396	0.410	0.404	0.390	0.399	1.8
1,1-Biphenyl		1.666	1.530	1.563	1.447	1.427	1.493	6.5
2-Chloronaphthalene		1.251	1.145	1.162	1.106	1.082	1.131	5.4
2-Nitroaniline		0.367	0.351	0.379	0.367	0.363	0.363	2.5
Dimethylphthalate		1.455	1.329	1.346	1.299	1.267	1.317	5.3
Acenaphthylene		1.890	1.765	1.808	1.662	1.628	1.710	6.6
2,6-Dinitrotoluene		0.314	0.299	0.307	0.301	0.291	0.299	3.2
3-Nitroaniline		0.307	0.297	0.309	0.300	0.289	0.292	5.7
Acenaphthene		1.182	1.110	1.134	1.063	1.052	1.086	5.3
2,4-Dinitrophenol			0.057	0.089	0.140	0.145	0.122	32.7
4-Nitrophenol			0.160	0.195	0.207	0.212	0.199	10.3
Dibenzofuran		1.898	1.739	1.739	1.622	1.559	1.657	8.5
2,4-Dinitrotoluene		0.403	0.403	0.416	0.404	0.386	0.397	3.2
Diethylphthalate		1.495	1.375	1.393	1.311	1.292	1.338	6.7
4-Chlorophenyl-phenylether		0.739	0.682	0.685	0.639	0.619	0.653	7.9
Fluorene		1.509	1.409	1.399	1.295	1.263	1.330	8.4
4-Nitroaniline		0.307	0.301	0.315	0.312	0.310	0.306	2.7
4,6-Dinitro-2-methylphenol			0.073	0.090	0.110	0.110	0.102	16.7
n-Nitrosodiphenylamine		0.632	0.618	0.597	0.578	0.577	0.591	4.4
Azobenzene		1.406	1.320	1.320	1.235	1.205	1.267	6.5
2,4,6-Tribromophenol		0.222	0.209	0.220	0.216	0.210	0.214	2.5
4-Bromophenyl-phenylether		0.218	0.215	0.206	0.200	0.200	0.206	3.8
Hexachlorobenzene		0.257	0.240	0.239	0.233	0.232	0.238	3.7
Atrazine		0.181	0.171	0.131	0.140	0.147	0.166	16.4
Pentachlorophenol			0.071	0.090	0.116	0.115	0.105	19.2
Phenanthrene		1.074	1.020	0.970	0.944	0.925	0.961	6.9
Anthracene		1.038	0.994	0.958	0.925	0.905	0.940	6.5
Carbazole		1.004	0.949	0.930	0.889	0.876	0.905	6.7
Di-n-butylphthalate		1.144	1.075	1.074	1.023	1.021	1.044	5.6
Fluoranthene		1.186	1.111	1.114	1.014	0.999	1.044	9.1
Benzidine		0.268	0.422	0.296	0.575	0.734	0.581	47.3
Pyrene		1.905	1.801	1.897	1.853	1.791	1.849	2.8
Terphenyl-d14		1.351	1.254	1.308	1.283	1.228	1.284	3.3
Butylbenzylphthalate		0.676	0.644	0.694	0.679	0.655	0.666	3.0
3,3-Dichlorobenzidine		0.375	0.383	0.393	0.413	0.406	0.397	4.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF112124 SAS No.: BF112124 SDG No.: BF112124
Instrument ID: _____ Calibration Date(s): 11/21/2024 _____
Calibration Time(s): 11:13 _____

LAB FILE ID:		RRF2.5 = BF140528.D			RRF005 = BF140529.D		RRF010 = BF140530.D	
		RRF020 = BF140531.D			RRF040 = BF140532.D		RRF050 = BF140533.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.409	1.319	1.379	1.286	1.295	1.324	4.3
Chrysene		1.354	1.263	1.218	1.201	1.137	1.211	6.5
Bis(2-ethylhexyl)phthalate		0.904	0.828	0.862	0.833	0.824	0.841	4.0
Di-n-octyl phthalate		1.198	1.133	1.147	1.132	1.147	1.150	2.3
Benzo(b)fluoranthene		1.347	1.256	1.380	1.186	1.248	1.256	6.4
Benzo(k)fluoranthene		1.243	1.236	1.059	1.101	1.022	1.099	9.3
Benzo(a)pyrene		1.062	1.050	1.063	1.007	0.998	1.021	3.8
Indeno(1,2,3-cd)pyrene		1.209	1.283	1.299	1.304	1.306	1.303	4.5
Dibenzo(a,h)anthracene		1.015	1.038	1.063	1.068	1.075	1.067	3.9
Benzo(g,h,i)perylene		1.033	1.090	1.078	1.085	1.094	1.089	3.5
1,2,4,5-Tetrachlorobenzene		0.635	0.604	0.606	0.563	0.561	0.586	5.0
1,4-Dioxane		0.501	0.502	0.576	0.489	0.452	0.493	8.5
2,3,4,6-Tetrachlorophenol		0.307	0.296	0.308	0.312	0.305	0.306	1.7
1-Methylnaphthalene		0.707	0.665	0.659	0.638	0.611	0.641	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

EPA Sample No.: SSTDICCC040

Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BF140532.D

Time Analyzed: 09:46

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	107516	6.875	413408	8.16	234407	9.92
	UPPER LIMIT	215032	7.375	826816	8.657	468814	10.416
	LOWER LIMIT	53758	6.375	206704	7.657	117203.5	9.416
	EPA SAMPLE NO.						
01	PB165129BL	101281	6.87	382231	8.15	221417	9.90
02	PB165129BS	103890	6.87	393577	8.15	219448	9.91
03	MH-759	95916	6.87	362240	8.15	199732	9.90
04	MH-COTTAGE	90391	6.87	340003	8.15	188041	9.90
05	MH-762	81045	6.87	299632	8.15	162627	9.90
06	MH-763	102636	6.87	398992	8.15	202924	9.90
07	MH-741	88384	6.87	332168	8.15	179805	9.90
08	MH-741	98838	6.87	364572	8.15	200466	9.90
09	72-11991	91907	6.87	340657	8.15	185539	9.90
10	MH-741	83735	6.87	304229	8.15	161093	9.90
11	MH-732	80091	6.87	301592	8.15	165815	9.90
12	MH-732MS	84346	6.87	306818	8.15	169712	9.91
13	MH-732MSD	84528	6.87	315703	8.15	175034	9.91
14	PH2-BOT-007	93283	6.87	346410	8.15	184115	9.90
15	PH2-BOT-004	90927	6.87	332795	8.15	173346	9.90
16	MH-4	101269	6.87	371620	8.15	204240	9.90
17	337	79664	6.87	289178	8.15	149117	9.90
18	CONTAINMENT-STONE	79258	6.87	284824	8.15	115116 *	9.91
19	72-11944	75120	6.87	242890	8.15	100128 *	9.93
20	SOIL-2	94553	6.87	339272	8.15	155649	9.90
21	SOIL-1	92752	6.87	331348	8.15	154566	9.90
22	MH-741	90170	6.87	315564	8.15	146876	9.91
23	MH-734	88108	6.87	302057	8.15	132193	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

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

Lab File ID: BF140532.D Time Analyzed: 19:53

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	107516	6.875	413408	8.16	234407	9.92
UPPER LIMIT	215032	7.375	826816	8.657	468814	10.416
LOWER LIMIT	53758	6.375	206704	7.657	117203.5	9.416
EPA SAMPLE NO.						
24 PH2-BOT-001	91972	6.87	309675	8.15	141425	9.90

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

EPA Sample No.: SSTDCCC040

Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BF140564.D

Time Analyzed: 09:46

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	98979	6.869	364482	8.15	206333	9.91
	UPPER LIMIT	197958	7.369	728964	8.651	412666	10.41
	LOWER LIMIT	49489.5	6.369	182241	7.651	103166.5	9.41
	EPA SAMPLE NO.						
01	PB165129BL	101281	6.87	382231	8.15	221417	9.90
02	PB165129BS	103890	6.87	393577	8.15	219448	9.91
03	MH-759	95916	6.87	362240	8.15	199732	9.90
04	MH-COTTAGE	90391	6.87	340003	8.15	188041	9.90
05	MH-762	81045	6.87	299632	8.15	162627	9.90
06	MH-763	102636	6.87	398992	8.15	202924	9.90
07	MH-741	88384	6.87	332168	8.15	179805	9.90
08	MH-741	98838	6.87	364572	8.15	200466	9.90
09	72-11991	91907	6.87	340657	8.15	185539	9.90
10	MH-741	83735	6.87	304229	8.15	161093	9.90
11	MH-732	80091	6.87	301592	8.15	165815	9.90
12	MH-732MS	84346	6.87	306818	8.15	169712	9.91
13	MH-732MSD	84528	6.87	315703	8.15	175034	9.91
14	PH2-BOT-007	93283	6.87	346410	8.15	184115	9.90
15	PH2-BOT-004	90927	6.87	332795	8.15	173346	9.90
16	MH-4	101269	6.87	371620	8.15	204240	9.90
17	337	79664	6.87	289178	8.15	149117	9.90
18	CONTAINMENT-STONE	79258	6.87	284824	8.15	115116	9.91
19	72-11944	75120	6.87	242890	8.15	100128 *	9.93
20	SOIL-2	94553	6.87	339272	8.15	155649	9.90
21	SOIL-1	92752	6.87	331348	8.15	154566	9.90
22	MH-741	90170	6.87	315564	8.15	146876	9.91
23	MH-734	88108	6.87	302057	8.15	132193	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

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

Lab File ID: BF140564.D Time Analyzed: 19:53

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	98979	6.869	364482	8.15	206333	9.91
UPPER LIMIT	197958	7.369	728964	8.651	412666	10.41
LOWER LIMIT	49489.5	6.369	182241	7.651	103166.5	9.41
EPA SAMPLE NO.						
24 PH2-BOT-001	91972	6.87	309675	8.15	141425	9.90

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.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

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

Lab File ID: BF140532.D Time Analyzed: 09:46

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	437466	11.404	239343	14.051	211422	15.539
	UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
	LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
	EPA SAMPLE NO.						
01	PB165129BL	431432	11.40	281525	14.05	210949	15.55
02	PB165129BS	418043	11.40	271122	14.05	201621	15.54
03	MH-759	383423	11.40	235981	14.05	192364	15.53
04	MH-COTTAGE	346986	11.40	224754	14.05	204242	15.54
05	MH-762	306157	11.40	193949	14.05	159076	15.53
06	MH-763	413703	11.40	216323	14.05	177928	15.53
07	MH-741	330443	11.40	210042	14.05	170783	15.53
08	MH-741	369882	11.40	232681	14.05	189077	15.54
09	72-11991	340060	11.40	217309	14.05	189876	15.54
10	MH-741	299752	11.40	189138	14.05	166071	15.53
11	MH-732	307074	11.40	195805	14.05	169036	15.54
12	MH-732MS	323089	11.40	192467	14.05	184087	15.54
13	MH-732MSD	341593	11.40	201797	14.05	190352	15.53
14	PH2-BOT-007	340852	11.40	203007	14.05	190451	15.53
15	PH2-BOT-004	323538	11.40	178379	14.05	173467	15.53
16	MH-4	333640	11.40	181651	14.05	176199	15.54
17	337	236951	11.40	147337	14.05	119356	15.53
18	CONTAINMENT-STONE	139197 *	11.43	139671	14.09	121597	15.56
19	72-11944	100540 *	11.47	120763	14.10	114925	15.56
20	SOIL-2	243666	11.40	157983	14.05	117092	15.54
21	SOIL-1	245783	11.40	154652	14.05	119489	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

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

Lab File ID: BF140532.D Time Analyzed: 19:01

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	437466	11.404	239343	14.051	211422	15.539
UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
EPA SAMPLE NO.						
22 MH-741	232144	11.40	160735	14.05	124855	15.53
23 MH-734	215904 *	11.40	155758	14.05	125827	15.53
24 PH2-BOT-001	223631	11.40	148537	14.05	113324	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

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

Lab File ID: BF140564.D Time Analyzed: 09:46

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	385080	11.398	243124	14.051	183783	15.539
	UPPER LIMIT	770160	11.898	486248	14.551	367566	16.039
	LOWER LIMIT	192540	10.898	121562	13.551	91891.5	15.039
	EPA SAMPLE NO.						
01	PB165129BL	431432	11.40	281525	14.05	210949	15.55
02	PB165129BS	418043	11.40	271122	14.05	201621	15.54
03	MH-759	383423	11.40	235981	14.05	192364	15.53
04	MH-COTTAGE	346986	11.40	224754	14.05	204242	15.54
05	MH-762	306157	11.40	193949	14.05	159076	15.53
06	MH-763	413703	11.40	216323	14.05	177928	15.53
07	MH-741	330443	11.40	210042	14.05	170783	15.53
08	MH-741	369882	11.40	232681	14.05	189077	15.54
09	72-11991	340060	11.40	217309	14.05	189876	15.54
10	MH-741	299752	11.40	189138	14.05	166071	15.53
11	MH-732	307074	11.40	195805	14.05	169036	15.54
12	MH-732MS	323089	11.40	192467	14.05	184087	15.54
13	MH-732MSD	341593	11.40	201797	14.05	190352	15.53
14	PH2-BOT-007	340852	11.40	203007	14.05	190451	15.53
15	PH2-BOT-004	323538	11.40	178379	14.05	173467	15.53
16	MH-4	333640	11.40	181651	14.05	176199	15.54
17	337	236951	11.40	147337	14.05	119356	15.53
18	CONTAINMENT-STONE	139197 *	11.43	139671	14.09	121597	15.56
19	72-11944	100540 *	11.47	120763 *	14.10	114925	15.56
20	SOIL-2	243666	11.40	157983	14.05	117092	15.54
21	SOIL-1	245783	11.40	154652	14.05	119489	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112224 SAS No.: BF112224 SDG NO.: BF112224

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

Lab File ID: BF140564.D Time Analyzed: 19:01

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	385080	11.398	243124	14.051	183783	15.539
UPPER LIMIT	770160	11.898	486248	14.551	367566	16.039
LOWER LIMIT	192540	10.898	121562	13.551	91891.5	15.039
EPA SAMPLE NO.						
22 MH-741	232144	11.40	160735	14.05	124855	15.53
23 MH-734	215904	11.40	155758	14.05	125827	15.53
24 PH2-BOT-001	223631	11.40	148537	14.05	113324	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165129BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103		
	Pyridine	1700	1300	ug/Kg	76				28	98		
	Benzaldehyde	1700	1400	ug/Kg	82				10	133		
	Aniline	1700	1500	ug/Kg	88				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101		
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112		
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100		
	Acetophenone	1700	1400	ug/Kg	82				66	98		
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111		
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95		
	Hexachloroethane	1700	1400	ug/Kg	82				72	108		
	Nitrobenzene	1700	1400	ug/Kg	82				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111		
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97		
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1400	ug/Kg	82				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	840	ug/Kg	49				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1400	ug/Kg	82				67	110		
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112		
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104		
	Hexachlorocyclopentadiene	3300	6100	ug/Kg	185			*	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	1500	ug/Kg	88				57	103		
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99		
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101		
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1400	ug/Kg	82				61	104		
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	23900	ug/Kg	88				57	104		
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165129BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106		
	2,4-Dinitrotoluene/2,6-Dinitrotol	3400	2900	ug/Kg	85				60	106		
	Diethylphthalate	1700	1500	ug/Kg	88				60	101		
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98		
	Fluorene	1700	1500	ug/Kg	88				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99		
	Azobenzene	1700	1500	ug/Kg	88				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	1800	ug/Kg	106				47	152		
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105		
	Phenanthrene	1700	1500	ug/Kg	88				59	103		
	Anthracene	1700	1500	ug/Kg	88				61	105		
	Carbazole	1700	1500	ug/Kg	88				61	99		
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104		
	Fluoranthene	1700	1500	ug/Kg	88				57	107		
	Benzidine	3300	980	ug/Kg	30				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1000	ug/Kg	59				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	1900	ug/Kg	112				52	137		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				63	101		
	Dibenz(a,h)anthracene	1700	1400	ug/Kg	82				61	112		
	Benzo(g,h,i)perylene	1700	1300	ug/Kg	76				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOIL-2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112224

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140584.D

Lab Sample ID: P4822-04

Instrument ID: BNA_F

Date Extracted: 11/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 18:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-2	P4822-04	BF140584.D	11/22/2024
SOIL-1	P4822-02	BF140585.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PH2-BOT-001

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112224

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140588.D

Lab Sample ID: P4860-02

Instrument ID: BNA_F

Date Extracted: 11/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 19:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PH2-BOT-001	P4860-02	BF140588.D	11/22/2024
PH2-BOT-007	P4860-08	BF140578.D	11/22/2024
PH2-BOT-004	P4860-05	BF140579.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165129BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112224

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140565.D

Lab Sample ID: PB165129BL

Instrument ID: BNA_F

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 09:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165129BS	PB165129BS	BF140566.D	11/22/2024
MH-4	P4924-01	BF140580.D	11/22/2024
72-11991	P4923-06	BF140573.D	11/22/2024
MH-741	P4925-01	BF140574.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-759

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112224

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140567.D

Lab Sample ID: P4910-08

Instrument ID: BNA_F

Date Extracted: 11/20/2024

Matrix: (soil/water) water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 10:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-759	P4910-08	BF140567.D	11/22/2024
MH-COTTAGE	P4910-04	BF140568.D	11/22/2024
MH-762	P4893-08	BF140569.D	11/22/2024
MH-763	P4893-04	BF140570.D	11/22/2024
MH-741	P4925-08	BF140571.D	11/22/2024
MH-741	P4925-04	BF140572.D	11/22/2024
MH-741	P4925-04	BF140586.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-734

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112224

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140587.D

Lab Sample ID: P4938-05

Instrument ID: BNA_F

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 19:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-734	P4938-05	BF140587.D	11/22/2024
MH-732	P4938-01	BF140575.D	11/22/2024
MH-732MS	P4938-01MS	BF140576.D	11/22/2024
MH-732MSD	P4938-01MSD	BF140577.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

337

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112224

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140581.D

Lab Sample ID: P4948-01

Instrument ID: BNA_F

Date Extracted: 11/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 16:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
337	P4948-01	BF140581.D	11/22/2024
CONTAINMENT-STONE	P4949-03	BF140582.D	11/22/2024
72-11944	P4948-03	BF140583.D	11/22/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4938-01MS		Client Sample ID: MH-732MS		DataFile: BF140576.D							
n-Nitrosodimethylamine	1100		1200	ug/Kg	109				66	124	
Pyridine	1100		1200	ug/Kg	109				45	119	
Benzaldehyde	1100		890	ug/Kg	81				10	86	
Aniline	1100		920	ug/Kg	84				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				65	110	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109				59	119	
Hexachloroethane	1100		1200	ug/Kg	109				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1500	ug/Kg	136	*			44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		1000	ug/Kg	91				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		270	ug/Kg	25				10	91	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1300	ug/Kg	118				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		4100	ug/Kg	178	*			10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		530	ug/Kg	48				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		18070	ug/Kg	103				70	121	
2,4-Dinitrophenol	2300		2000	ug/Kg	87				10	155	
4-Nitrophenol	2300		2400	ug/Kg	104				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1000	ug/Kg	91				55	120	
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109				10	160	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2300		2600	ug/Kg	113				47	128	
Phenanthrene	1100		1100	ug/Kg	100				52	128	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1200	ug/Kg	109				44	125	
Benzydine	2300		870	ug/Kg	38				10	119	
Pyrene	1100		1100	ug/Kg	100				26	142	
Butylbenzylphthalate	1100		1200	ug/Kg	109				64	126	
3,3-Dichlorobenzidine	1100		750	ug/Kg	68				33	116	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100		1300	ug/Kg	118				23	175	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				40	129	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100		970	ug/Kg	88				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		1100	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4938-01MSD		Client Sample ID: MH-732MSD					DataFile: BF140577.D				
n-Nitrosodimethylamine	1100		1200	ug/Kg	109		0		66	124	20
Pyridine	1100		1200	ug/Kg	109		0		45	119	20
Benzaldehyde	1100		920	ug/Kg	84		4		10	86	20
Aniline	1100		970	ug/Kg	88		5		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		9		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	0		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		9		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		0		65	110	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109	*	9		66	104	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		0		59	119	20
Hexachloroethane	1100		1200	ug/Kg	109		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		1200	ug/Kg	109		0		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		1500	ug/Kg	136	*	0		44	135	20
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109		9		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		9		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		280	ug/Kg	25		0		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		1300	ug/Kg	118		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2300		3900	ug/Kg	170		5		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		0		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		0		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		9		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		550	ug/Kg	50		4		30	99	20
Acenaphthene	1100		1200	ug/Kg	109		9		70	121	20
Total PAH	17600		18170	ug/Kg	103		0		70	121	20
2,4-Dinitrophenol	2300		2100	ug/Kg	91		4		10	155	20
4-Nitrophenol	2300		2500	ug/Kg	109		5		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1100	ug/Kg	100		0		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		0		55	120	20
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109		0		10	160	20
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100		0		73	118	20
Azobenzene	1100		1300	ug/Kg	118	*	8		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1300	ug/Kg	118		7		79	127	20
Pentachlorophenol	2300		2500	ug/Kg	109		4		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		52	128	20
Anthracene	1100		1200	ug/Kg	109		0		62	124	20
Carbazole	1100		1200	ug/Kg	109		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		1200	ug/Kg	109		0		44	125	20
Benzydine	2300		890	ug/Kg	39		3		10	119	20
Pyrene	1100		1100	ug/Kg	100		0		26	142	20
Butylbenzylphthalate	1100		1200	ug/Kg	109		0		64	126	20
3,3-Dichlorobenzidine	1100		780	ug/Kg	71		4		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1100	ug/Kg	100		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		0		42	169	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		0		23	175	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		9		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		0		57	134	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100		0		40	129	20
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100		0		43	123	20
Benzo(g,h,i)perylene	1100		970	ug/Kg	88		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		1100	ug/Kg	100		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118	*	8		69	112	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4822-02	SOIL-1	BF140585.D	2-Fluorophenol	150	78.86	53		18	112
			Phenol-d6	150	76.33	51		15	107
			Nitrobenzene-d5	100	53.01	53		18	107
			2-Fluorobiphenyl	100	62.39	62		20	109
			2,4,6-Tribromophenol	150	66.48	44		10	116
			Terphenyl-d14	100	51.87	52		10	105
P4822-04	SOIL-2	BF140584.D	2-Fluorophenol	150	75.63	50		18	112
			Phenol-d6	150	74.99	50		15	107
			Nitrobenzene-d5	100	52.54	53		18	107
			2-Fluorobiphenyl	100	57.84	58		20	109
			2,4,6-Tribromophenol	150	64.24	43		10	116
			Terphenyl-d14	100	49.27	49		10	105

Surrogate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4860-02	PH2-BOT-001	BF140588.D	2-Fluorophenol	150	99.74	66		18	112
			Phenol-d6	150	96.82	65		15	107
			Nitrobenzene-d5	100	71.77	72		18	107
			2-Fluorobiphenyl	100	79.91	80		20	109
			2,4,6-Tribromophenol	150	86.72	58		10	116
			Terphenyl-d14	100	67.89	68		10	105
P4860-05	PH2-BOT-004	BF140579.D	2-Fluorophenol	150	87.29	58		18	112
			Phenol-d6	150	84.47	56		15	107
			Nitrobenzene-d5	100	59.47	59		18	107
			2-Fluorobiphenyl	100	63.69	64		20	109
			2,4,6-Tribromophenol	150	82.36	55		10	116
			Terphenyl-d14	100	63.60	64		10	105
P4860-08	PH2-BOT-007	BF140578.D	2-Fluorophenol	150	75.23	50		18	112
			Phenol-d6	150	75.25	50		15	107
			Nitrobenzene-d5	100	52.38	52		18	107
			2-Fluorobiphenyl	100	55.77	56		20	109
			2,4,6-Tribromophenol	150	74.18	49		10	116
			Terphenyl-d14	100	54.14	54		10	105

Surrogate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4923-06	72-11991	BF140573.D	2-Fluorophenol	150	33.60	22		18	112
			Phenol-d6	150	47.40	32		15	107
			Nitrobenzene-d5	100	54.59	55		18	107
			2-Fluorobiphenyl	100	58.62	59		20	109
			2,4,6-Tribromophenol	150	23.06	15		10	116
			Terphenyl-d14	100	61.50	62		10	105
P4924-01	MH-4	BF140580.D	2-Fluorophenol	150	75.86	51		18	112
			Phenol-d6	150	77.36	52		15	107
			Nitrobenzene-d5	100	54.64	55		18	107
			2-Fluorobiphenyl	100	54.50	54		20	109
			2,4,6-Tribromophenol	150	70.18	47		10	116
			Terphenyl-d14	100	50.05	50		10	105
P4925-01	MH-741	BF140574.D	2-Fluorophenol	150	78.68	52		18	112
			Phenol-d6	150	78.97	53		15	107
			Nitrobenzene-d5	100	51.91	52		18	107
			2-Fluorobiphenyl	100	52.32	52		20	109
			2,4,6-Tribromophenol	150	78.76	53		10	116
			Terphenyl-d14	100	52.98	53		10	105
PB165129BL	PB165129BL	BF140565.D	2-Fluorophenol	150	143.26	96		18	112
			Phenol-d6	150	140.51	94		15	107
			Nitrobenzene-d5	100	98.35	98		18	107
			2-Fluorobiphenyl	100	96.38	96		20	109
			2,4,6-Tribromophenol	150	147.46	98		10	116
			Terphenyl-d14	100	93.18	93		10	105
PB165129BS	PB165129BS	BF140566.D	2-Fluorophenol	150	124.03	83		18	112
			Phenol-d6	150	120.68	80		15	107
			Nitrobenzene-d5	100	83.54	84		18	107
			2-Fluorobiphenyl	100	86.06	86		20	109
			2,4,6-Tribromophenol	150	134.84	90		10	116
			Terphenyl-d14	100	82.37	82		10	105

Surrogate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4893-04	MH-763	BF140570.D	2-Fluorophenol	150	123.24	82		10	139
			Phenol-d6	150	114.47	76		10	134
			Nitrobenzene-d5	100	87.82	88		49	133
			2-Fluorobiphenyl	100	96.72	97		52	132
			2,4,6-Tribromophenol	150	147.07	98		44	137
			Terphenyl-d14	100	93.81	94		48	125
P4893-08	MH-762	BF140569.D	2-Fluorophenol	150	150.02	100		10	139
			Phenol-d6	150	143.19	95		10	134
			Nitrobenzene-d5	100	101.69	102		49	133
			2-Fluorobiphenyl	100	98.85	99		52	132
			2,4,6-Tribromophenol	150	161.35	108		44	137
			Terphenyl-d14	100	95.29	95		48	125
P4910-04	MH-COTTAGE	BF140568.D	2-Fluorophenol	150	138.01	92		10	139
			Phenol-d6	150	132.68	88		10	134
			Nitrobenzene-d5	100	95.58	96		49	133
			2-Fluorobiphenyl	100	92.67	93		52	132
			2,4,6-Tribromophenol	150	145.70	97		44	137
			Terphenyl-d14	100	94.31	94		48	125
P4910-08	MH-759	BF140567.D	2-Fluorophenol	150	133.34	89		10	139
			Phenol-d6	150	119.49	80		10	134
			Nitrobenzene-d5	100	99.30	99		49	133
			2-Fluorobiphenyl	100	94.67	95		52	132
			2,4,6-Tribromophenol	150	152.12	101		44	137
			Terphenyl-d14	100	100.10	100		48	125
P4925-04	MH-741	BF140572.D	2-Fluorophenol	150	126.59	84		10	139
		BF140586.D	2-Fluorophenol	150	82.05	55		10	139
			Phenol-d6	150	78.83	53		10	134
		BF140572.D	Phenol-d6	150	115.88	77		10	134
			Nitrobenzene-d5	100	96.84	97		49	133
		BF140586.D	Nitrobenzene-d5	100	57.02	57		49	133
			2-Fluorobiphenyl	100	59.76	60		52	132
		BF140572.D	2-Fluorobiphenyl	100	93.71	94		52	132
			2,4,6-Tribromophenol	150	142.91	95		44	137
		BF140586.D	2,4,6-Tribromophenol	150	66.71	44		44	137
			Terphenyl-d14	100	47.73	48		48	125
		BF140572.D	Terphenyl-d14	100	92.75	93		48	125
P4925-08		BF140571.D	2-Fluorophenol	150	132.45	88		10	139
			Phenol-d6	150	120.05	80		10	134
			Nitrobenzene-d5	100	95.50	95		49	133
			2-Fluorobiphenyl	100	97.83	98		52	132
			2,4,6-Tribromophenol	150	145.35	97		44	137
			Terphenyl-d14	100	96.45	96		48	125

Surrogate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4938-01	MH-732	BF140575.D	2-Fluorophenol	150	139.08	93		18	112
			Phenol-d6	150	135.62	90		15	107
			Nitrobenzene-d5	100	91.62	92		18	107
			2-Fluorobiphenyl	100	87.34	87		20	109
			2,4,6-Tribromophenol	150	131.24	87		10	116
			Terphenyl-d14	100	84.20	84		10	105
P4938-01MS	MH-732MS	BF140576.D	2-Fluorophenol	150	118.97	79		18	112
			Phenol-d6	150	115.33	77		15	107
			Nitrobenzene-d5	100	81.27	81		18	107
			2-Fluorobiphenyl	100	76.16	76		20	109
			2,4,6-Tribromophenol	150	120.67	80		10	116
			Terphenyl-d14	100	76.98	77		10	105
P4938-01MSD	MH-732MSD	BF140577.D	2-Fluorophenol	150	122.12	81		18	112
			Phenol-d6	150	119.28	80		15	107
			Nitrobenzene-d5	100	81.55	82		18	107
			2-Fluorobiphenyl	100	75.99	76		20	109
			2,4,6-Tribromophenol	150	124.52	83		10	116
			Terphenyl-d14	100	75.43	75		10	105
P4938-05	MH-734	BF140587.D	2-Fluorophenol	150	88.91	59		18	112
			Phenol-d6	150	85.46	57		15	107
			Nitrobenzene-d5	100	62.36	62		18	107
			2-Fluorobiphenyl	100	68.37	68		20	109
			2,4,6-Tribromophenol	150	78.20	52		10	116
			Terphenyl-d14	100	52.43	52		10	105

Surrogate Summary

SW-846

SDG No.: **BF112224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4948-01	337	BF140581.D	2-Fluorophenol	150	78.77	53		18	112
			Phenol-d6	150	76.67	51		15	107
			Nitrobenzene-d5	100	54.21	54		18	107
			2-Fluorobiphenyl	100	59.15	59		20	109
			2,4,6-Tribromophenol	150	69.33	46		10	116
			Terphenyl-d14	100	49.44	49		10	105
P4948-03	72-11944	BF140583.D	2-Fluorophenol	150	84.21	56		18	112
			Phenol-d6	150	85.46	57		15	107
			Nitrobenzene-d5	100	60.30	60		18	107
			2-Fluorobiphenyl	100	62.89	63		20	109
			2,4,6-Tribromophenol	150	84.02	56		10	116
			Terphenyl-d14	100	43.54	44		10	105
P4949-03	CONTAINMENT-SBF140582.D		2-Fluorophenol	150	53.89	36		18	112
			Phenol-d6	150	51.84	35		15	107
			Nitrobenzene-d5	100	36.40	36		18	107
			2-Fluorobiphenyl	100	47.93	48		20	109
			2,4,6-Tribromophenol	150	53.70	36		10	116
			Terphenyl-d14	100	28.75	29		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112224

Lab Code: CHEM

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140563.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.9
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43
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
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.9 (17.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140564.D	11/22/2024	09:20
PB165129BL	PB165129BL	BF140565.D	11/22/2024	09:46
PB165129BS	PB165129BS	BF140566.D	11/22/2024	10:12
MH-759	P4910-08	BF140567.D	11/22/2024	10:44
MH-COTTAGE	P4910-04	BF140568.D	11/22/2024	11:10
MH-762	P4893-08	BF140569.D	11/22/2024	11:36
MH-763	P4893-04	BF140570.D	11/22/2024	12:02
MH-741	P4925-08	BF140571.D	11/22/2024	12:28
MH-741	P4925-04	BF140572.D	11/22/2024	12:55
72-11991	P4923-06	BF140573.D	11/22/2024	13:21
MH-741	P4925-01	BF140574.D	11/22/2024	13:47
MH-732	P4938-01	BF140575.D	11/22/2024	14:13
MH-732MS	P4938-01MS	BF140576.D	11/22/2024	14:40
MH-732MSD	P4938-01MSD	BF140577.D	11/22/2024	15:06
PH2-BOT-007	P4860-08	BF140578.D	11/22/2024	15:32
PH2-BOT-004	P4860-05	BF140579.D	11/22/2024	15:58
MH-4	P4924-01	BF140580.D	11/22/2024	16:24
337	P4948-01	BF140581.D	11/22/2024	16:50

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112224

Lab Code: CHEM

SAS No.: BF112224 SDG NO.: BF112224

Lab File ID: BF140563.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.9
68	Less than 2.0% of mass 69	0.6 (1.9) 1
69	Mass 69 relative abundance	32.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	43
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
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	17.9 (17.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
CONTAINMENT-STONE	P4949-03	BF140582.D	11/22/2024	17:16
72-11944	P4948-03	BF140583.D	11/22/2024	17:43
SOIL-2	P4822-04	BF140584.D	11/22/2024	18:09
SOIL-1	P4822-02	BF140585.D	11/22/2024	18:35
MH-741	P4925-04	BF140586.D	11/22/2024	19:01
MH-734	P4938-05	BF140587.D	11/22/2024	19:27
PH2-BOT-001	P4860-02	BF140588.D	11/22/2024	19:53