

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF112724 SAS No.: BF112724 SDG No.: BF112724

Instrument ID: BNA_F Calibration Date/Time: 11/27/2024 : 08:47

Lab File ID: BF140655.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	0.595		-6.593	
Pyridine	1.084	1.166		7.565	
2-Fluorophenol	1.172	1.138		-2.901	
Benzaldehyde	0.820	0.748		-8.78	
Aniline	1.091	1.283		17.599	
Phenol-d6	1.550	1.502		-3.097	
Phenol	1.583	1.584		0.063	20.0
bis(2-Chloroethyl)ether	1.211	1.183		-2.312	
2-Chlorophenol	1.261	1.241		-1.586	
1,2-Dichlorobenzene	1.344	1.315		-2.158	
1,3-Dichlorobenzene	1.417	1.383		-2.399	
1,4-Dichlorobenzene	1.435	1.411		-1.672	20.0
Benzyl Alcohol	1.149	1.126		-2.002	
2-Methylphenol	1.010	0.990		-1.98	
2,2-oxybis(1-Chloropropane)	1.431	1.406		-1.747	
Acetophenone	0.488	0.465		-4.713	
3+4-Methylphenols	1.298	1.258		-3.082	
n-Nitroso-di-n-propylamine	0.916	0.856	0.050	-6.55	
Nitrobenzene-d5	0.391	0.379		-3.069	
Hexachloroethane	0.536	0.525		-2.052	
Nitrobenzene	0.404	0.388		-3.96	
Isophorone	0.652	0.627		-3.834	
2-Nitrophenol	0.179	0.178		-0.559	20.0
2,4-Dimethylphenol	0.214	0.222		3.738	
bis(2-Chloroethoxy)methane	0.397	0.389		-2.015	
2,4-Dichlorophenol	0.284	0.281		-1.056	20.0
1,2,4-Trichlorobenzene	0.324	0.314		-3.086	
Benzoic acid	0.164	0.165		0.61	
Naphthalene	1.030	1.003		-2.621	
4-Chloroaniline	0.308	0.334		8.442	
Hexachlorobutadiene	0.215	0.210		-2.326	20.0
Caprolactam	0.088	0.085		-3.409	
4-Chloro-3-methylphenol	0.318	0.311		-2.201	20.0
2-Methylnaphthalene	0.654	0.635		-2.905	
Hexachlorocyclopentadiene	0.107	0.088	0.050	-17.757	
2,4,6-Trichlorophenol	0.367	0.354		-3.542	20.0
2-Fluorobiphenyl	1.342	1.300		-3.13	
2,4,5-Trichlorophenol	0.399	0.396		-0.752	
1,1-Biphenyl	1.493	1.469		-1.608	

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.131	1.124		-0.619	
2-Nitroaniline	0.363	0.353		-2.755	
Dimethylphthalate	1.317	1.293		-1.822	
Acenaphthylene	1.710	1.692		-1.053	
2,6-Dinitrotoluene	0.299	0.294		-1.672	
3-Nitroaniline	0.292	0.305		4.452	
Acenaphthene	1.086	1.059		-2.486	20.0
2,4-Dinitrophenol	0.122	0.130	0.050	6.557	
4-Nitrophenol	0.199	0.185	0.050	-7.035	
Dibenzofuran	1.657	1.593		-3.862	
2,4-Dinitrotoluene	0.397	0.398		0.252	
Diethylphthalate	1.338	1.267		-5.306	
4-Chlorophenyl-phenylether	0.653	0.630		-3.522	
Fluorene	1.330	1.291		-2.932	
4-Nitroaniline	0.306	0.309		0.98	
4,6-Dinitro-2-methylphenol	0.102	0.111		8.824	
n-Nitrosodiphenylamine	0.591	0.570		-3.553	20.0
Azobenzene	1.267	1.211		-4.42	
2,4,6-Tribromophenol	0.214	0.207		-3.271	
4-Bromophenyl-phenylether	0.206	0.200		-2.913	
Hexachlorobenzene	0.238	0.234		-1.681	
Atrazine	0.166	0.157		-5.422	
Pentachlorophenol	0.105	0.102		-2.857	20.0
Phenanthrene	0.961	0.937		-2.497	
Anthracene	0.940	0.929		-1.17	
Carbazole	0.905	0.919		1.547	
Di-n-butylphthalate	1.044	1.009		-3.352	
Fluoranthene	1.044	1.075		2.969	20.0
Benzidine	0.581	0.607		4.475	
Pyrene	1.849	1.735		-6.165	
Terphenyl-d14	1.284	1.162		-9.502	
Butylbenzylphthalate	0.666	0.641		-3.754	
3,3-Dichlorobenzidine	0.397	0.386		-2.771	
Benzo(a)anthracene	1.324	1.299		-1.888	
Chrysene	1.211	1.208		-0.248	
Bis(2-ethylhexyl)phthalate	0.841	0.842		0.119	
Di-n-octyl phthalate	1.150	1.185		3.043	20.0
Benzo(b)fluoranthene	1.256	1.358		8.121	
Benzo(k)fluoranthene	1.099	1.052		-4.277	

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Instrument ID: BNA_F Calibration Date/Time: 11/27/2024 : 08:47

Lab File ID: BF140655.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	1.021		0.0	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.243		-4.605	
Dibenzo(a,h)anthracene	1.067	1.010		-5.342	
Benzo(g,h,i)perylene	1.089	1.051		-3.489	
1,2,4,5-Tetrachlorobenzene	0.586	0.573		-2.218	
1,4-Dioxane	0.493	0.497		0.811	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.308		0.654	
1-Methylnaphthalene	0.641	0.626		-2.34	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BL	SDG No.:	BF112724
Lab Sample ID:	PB165255BL	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
BF140656.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

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

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BL	SDG No.:	BF112724
Lab Sample ID:	PB165255BL	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
BF140656.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

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

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BL	SDG No.:	BF112724
Lab Sample ID:	PB165255BL	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
BF140656.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.693		18-112		92	SPK: -150
13127-88-3	Phenol-d6	132.714		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	87.788		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.889		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BL	SDG No.:	BF112724
Lab Sample ID:	PB165255BL	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
BF140656.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.357		10-116		85	SPK: -150
1718-51-0	Terphenyl-d14	85.635		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88828	6.869				
1146-65-2	Naphthalene-d8	344391	8.151				
15067-26-2	Acenaphthene-d10	192584	9.904				
1517-22-2	Phenanthrene-d10	368863	11.398				
1719-03-5	Chrysene-d12	234611	14.045				
1520-96-3	Perylene-d12	216119	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	100	J			2.216	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BS	SDG No.:	BF112724
Lab Sample ID:	PB165255BS	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
BF140657.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		86.7	270	330	ug/Kg
110-86-1	Pyridine	1600		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1100		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1600		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1000		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BS	SDG No.:	BF112724
Lab Sample ID:	PB165255BS	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
BF140657.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	27300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.5	130	170	ug/Kg
86-73-7	Fluorene	1700		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2000		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BS	SDG No.:	BF112724
Lab Sample ID:	PB165255BS	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
BF140657.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1700		83.9	130	170	ug/Kg
120-12-7	Anthracene	1800		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1800		81.6	130	170	ug/Kg
92-87-5	Benzidine	1300		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.901		18-112		91	SPK: -150
13127-88-3	Phenol-d6	132.647		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	90.594		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	93.752		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165255BS	SDG No.:	BF112724
Lab Sample ID:	PB165255BS	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
BF140657.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.122		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	91.819		10-105		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73505	6.869				
1146-65-2	Naphthalene-d8	278290	8.151				
15067-26-2	Acenaphthene-d10	153565	9.91				
1517-22-2	Phenanthrene-d10	293390	11.398				
1719-03-5	Chrysene-d12	186758	14.051				
1520-96-3	Perylene-d12	149691	15.545				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BL	SDG No.:	BF112724
Lab Sample ID:	PB165269BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140658.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BL	SDG No.:	BF112724
Lab Sample ID:	PB165269BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140658.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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

Report of Analysis

Client:				Date Collected:	11/26/2024 12:00:00 AM		
Project:				Date Received:	11/26/2024 12:00:00 AM		
Client Sample ID:	PB165269BL			SDG No.:	BF112724		
Lab Sample ID:	PB165269BL			Matrix:	water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140658.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.887		10-139		89	SPK: -150
13127-88-3	Phenol-d6	128.254		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	88.211		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	90.197		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BL	SDG No.:	BF112724
Lab Sample ID:	PB165269BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140658.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.907		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	88.619		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77642	6.869				
1146-65-2	Naphthalene-d8	291925	8.151				
15067-26-2	Acenaphthene-d10	161710	9.904				
1517-22-2	Phenanthrene-d10	313656	11.398				
1719-03-5	Chrysene-d12	191732	14.051				
1520-96-3	Perylene-d12	153787	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.3	J			2.21	

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:	PB165144BS	SDG No.:	BF112724
Lab Sample ID:	PB165144BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140659.D	1	11/20/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.4		1	8	10	ug/L
110-86-1	Pyridine	49.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	5.7	J	4	8	10	ug/L
62-53-3	Aniline	49.7		1.6	4	5	ug/L
108-95-2	Phenol	50.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	47		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.6		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.4		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.3		1.4	4	5	ug/L
98-86-2	Acetophenone	47.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.8		1	4	5	ug/L
98-95-3	Nitrobenzene	45.8		1.3	4	5	ug/L
78-59-1	Isophorone	49.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	63.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46		1.1	4	5	ug/L
65-85-0	Benzoic acid	41.1		5.5	8	10	ug/L
91-20-3	Naphthalene	48.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	28		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	46		1.3	4	5	ug/L

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:	PB165144BS	SDG No.:	BF112724
Lab Sample ID:	PB165144BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140659.D	1	11/20/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50.2		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	47.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.2		0.81	4	5	ug/L
Total PAH	Total PAH	802.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	87.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	95.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	49.1		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	66.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	47.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48		0.98	4	5	ug/L
86-73-7	Fluorene	47.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.8		0.89	4	5	ug/L
103-33-3	Azobenzene	48.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.1		1.1	4	5	ug/L
1912-24-9	Atrazine	57.6		1.3	4	5	ug/L

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:	PB165144BS	SDG No.:	BF112724
Lab Sample ID:	PB165144BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140659.D	1	11/20/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49.7		0.89	4	5	ug/L
120-12-7	Anthracene	51.8		1.1	4	5	ug/L
86-74-8	Carbazole	49.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	49.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	50.7		1.3	4	5	ug/L
92-87-5	Benzidine	29.8		4.1	8	10	ug/L
129-00-0	Pyrene	46.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.5		0.94	4	5	ug/L
218-01-9	Chrysene	50.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	52.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.9		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	52		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	47.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.286		10-139		92	SPK: -150
13127-88-3	Phenol-d6	135.293		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	92.876		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	91.651		52-132		92	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:	PB165144BS	SDG No.:	BF112724
Lab Sample ID:	PB165144BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140659.D	1	11/20/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165144

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.992		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	91.753		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82046	6.869				
1146-65-2	Naphthalene-d8	308441	8.151				
15067-26-2	Acenaphthene-d10	177190	9.91				
1517-22-2	Phenanthrene-d10	338038	11.398				
1719-03-5	Chrysene-d12	213188	14.051				
1520-96-3	Perylene-d12	167110	15.545				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165159TB	SDG No.:	BF112724
Lab Sample ID:	PB165159TB	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
BF140660.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165159TB	SDG No.:	BF112724
Lab Sample ID:	PB165159TB	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
BF140660.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165159TB	SDG No.:	BF112724
Lab Sample ID:	PB165159TB	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
BF140660.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	146.573		10-139		98	SPK: -150
13127-88-3	Phenol-d6	142.029		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	98.587		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	99.349		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165159TB	SDG No.:	BF112724
Lab Sample ID:	PB165159TB	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
BF140660.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.758		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	97.474		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81521	6.869				
1146-65-2	Naphthalene-d8	304933	8.151				
15067-26-2	Acenaphthene-d10	169987	9.904				
1517-22-2	Phenanthrene-d10	328989	11.398				
1719-03-5	Chrysene-d12	206359	14.045				
1520-96-3	Perylene-d12	168895	15.551				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BS	SDG No.:	BF112724
Lab Sample ID:	PB165269BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140661.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.2		1	8	10	ug/L
110-86-1	Pyridine	49.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	32.5		4	8	10	ug/L
62-53-3	Aniline	48.9		1.6	4	5	ug/L
108-95-2	Phenol	50.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.5		1.4	4	5	ug/L
98-86-2	Acetophenone	46.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.5		1	4	5	ug/L
98-95-3	Nitrobenzene	45.8		1.3	4	5	ug/L
78-59-1	Isophorone	48.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.4		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	40.6		5.5	8	10	ug/L
91-20-3	Naphthalene	47.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	23.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BS	SDG No.:	BF112724
Lab Sample ID:	PB165269BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140661.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.3		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	50		0.81	4	5	ug/L
Total PAH	Total PAH	838.3		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	89	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	96.2	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49.7		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	98.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.4		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.98	4	5	ug/L
86-73-7	Fluorene	48.5		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	53.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.3		0.89	4	5	ug/L
103-33-3	Azobenzene	49.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48.3		1.1	4	5	ug/L
1912-24-9	Atrazine	57.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BS	SDG No.:	BF112724
Lab Sample ID:	PB165269BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140661.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.7		0.89	4	5	ug/L
120-12-7	Anthracene	52.5		1.1	4	5	ug/L
86-74-8	Carbazole	50.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	49.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	51.6		1.3	4	5	ug/L
92-87-5	Benzidine	38.9		4.1	8	10	ug/L
129-00-0	Pyrene	46.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	51.1		0.94	4	5	ug/L
218-01-9	Chrysene	51.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.4		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	55.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	54.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	65.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	64.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	43.2		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.261		10-139		90	SPK: -150
13127-88-3	Phenol-d6	132.061		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	90.737		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	90.715		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165269BS	SDG No.:	BF112724
Lab Sample ID:	PB165269BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140661.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.459		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	89.397		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81937	6.869				
1146-65-2	Naphthalene-d8	309564	8.151				
15067-26-2	Acenaphthene-d10	172880	9.91				
1517-22-2	Phenanthrene-d10	335256	11.398				
1719-03-5	Chrysene-d12	212656	14.051				
1520-96-3	Perylene-d12	172083	15.545				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165252TB	SDG No.:	BF112724
Lab Sample ID:	PB165252TB	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
BF140662.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165252TB	SDG No.:	BF112724
Lab Sample ID:	PB165252TB	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
BF140662.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165252TB	SDG No.:	BF112724
Lab Sample ID:	PB165252TB	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
BF140662.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	132.39		10-139		88	SPK: -150
13127-88-3	Phenol-d6	128.387		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	89.224		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	89.353		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	PB165252TB	SDG No.:	BF112724
Lab Sample ID:	PB165252TB	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
BF140662.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.266		44-137		83	SPK: -150
1718-51-0	Terphenyl-d14	89.618		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78744	6.869				
1146-65-2	Naphthalene-d8	298110	8.151				
15067-26-2	Acenaphthene-d10	167956	9.904				
1517-22-2	Phenanthrene-d10	325896	11.398				
1719-03-5	Chrysene-d12	198725	14.045				
1520-96-3	Perylene-d12	158041	15.545				

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-08	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
BF140663.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-08	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
BF140663.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-08	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
BF140663.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	139.58		10-139		93	SPK: -150
13127-88-3	Phenol-d6	133.945		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	93.712		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	95.879		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-08	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
BF140663.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.982		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	86.905		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75995	6.869				
1146-65-2	Naphthalene-d8	286954	8.151				
15067-26-2	Acenaphthene-d10	161508	9.904				
1517-22-2	Phenanthrene-d10	322573	11.398				
1719-03-5	Chrysene-d12	241616	14.045				
1520-96-3	Perylene-d12	156641	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-732	SDG No.:	BF112724
Lab Sample ID:	P4938-04	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
BF140664.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112724
Lab Sample ID:	P4938-04	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
BF140664.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-732	SDG No.:	BF112724
Lab Sample ID:	P4938-04	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
BF140664.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	147.077		10-139		98	SPK: -150
13127-88-3	Phenol-d6	143.999		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	97.269		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	93.708		52-132		94	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.:	BF112724
Lab Sample ID:	P4938-04	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
BF140664.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	167.796		44-137		112	SPK: -150
1718-51-0	Terphenyl-d14	88.524		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78972	6.869				
1146-65-2	Naphthalene-d8	301949	8.151				
15067-26-2	Acenaphthene-d10	176702	9.904				
1517-22-2	Phenanthrene-d10	363564	11.398				
1719-03-5	Chrysene-d12	276420	14.045				
1520-96-3	Perylene-d12	227099	15.545				

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.:	BF112724
Lab Sample ID:	P4938-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140665.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470		10.3	80	100	ug/L
110-86-1	Pyridine	280		15.5	40	50	ug/L
100-52-7	Benzaldehyde	68.7	J	40	80	100	ug/L
62-53-3	Aniline	130		16	40	50	ug/L
108-95-2	Phenol	490		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	500		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	520		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	440		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	450		16	80	100	ug/L
95-48-7	2-Methylphenol	520		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	540		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	520		14.8	25	25	ug/L
67-72-1	Hexachloroethane	410		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	510		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	660		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	500		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	540		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	550		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	84.8		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

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.:	BF112724
Lab Sample ID:	P4938-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140665.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	560		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	520		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1700	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	540		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	560		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	87.9		13.7	40	50	ug/L
83-32-9	Acenaphthene	530		8.1	40	50	ug/L
Total PAH	Total PAH	9440		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	5050		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	540		15.2	40	50	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540		9.8	40	50	ug/L
86-73-7	Fluorene	530		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	280		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	630		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	280		8.9	40	50	ug/L
103-33-3	Azobenzene	510		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	530		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	520		11.4	40	50	ug/L
1912-24-9	Atrazine	130		12.6	40	50	ug/L

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.:	BF112724
Lab Sample ID:	P4938-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140665.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	280		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	580		14.7	40	50	ug/L
206-44-0	Fluoranthene	540		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	560		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	550		9.4	40	50	ug/L
218-01-9	Chrysene	540		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	600		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	640		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	690		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	700		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	710		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	690		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	710		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	590		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	430		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	630		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	500		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	147.355		10-139		98	SPK: -150
13127-88-3	Phenol-d6	143.446		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	101.607		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	100.32		52-132		100	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.:	BF112724
Lab Sample ID:	P4938-04MS	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
BF140665.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.535		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	100.8		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67506	6.869				
1146-65-2	Naphthalene-d8	257356	8.151				
15067-26-2	Acenaphthene-d10	150981	9.91				
1517-22-2	Phenanthrene-d10	289856	11.398				
1719-03-5	Chrysene-d12	174005	14.045				
1520-96-3	Perylene-d12	127572	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-732MSD	SDG No.:	BF112724
Lab Sample ID:	P4938-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140666.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	70.2	J	40	80	100	ug/L
62-53-3	Aniline	130		16	40	50	ug/L
108-95-2	Phenol	490		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	520		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	420		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	440		16	80	100	ug/L
95-48-7	2-Methylphenol	530		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	550		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	520		14.8	25	25	ug/L
67-72-1	Hexachloroethane	410		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	520		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	510		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	670		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	540		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	550		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	69.6		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	440		12.7	40	50	ug/L

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.:	BF112724
Lab Sample ID:	P4938-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140666.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	490		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	560		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	520		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1700	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	540		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	520		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	83.8		13.7	40	50	ug/L
83-32-9	Acenaphthene	530		8.1	40	50	ug/L
Total PAH	Total PAH	9290		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	550		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	070		27.6	40	100	ug/L
84-66-2	Diethylphthalate	560		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	540		9.8	40	50	ug/L
86-73-7	Fluorene	540		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	290		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	650		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	290		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	530		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	510		11.4	40	50	ug/L
1912-24-9	Atrazine	150		12.6	40	50	ug/L

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.:	BF112724
Lab Sample ID:	P4938-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140666.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	550		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	310		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	570		14.7	40	50	ug/L
206-44-0	Fluoranthene	550		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	520		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	570		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	550		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	670		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	630		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	740		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	700		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	630		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	670		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	530		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	490		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	420		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	630		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	147.421		10-139		98	SPK: -150
13127-88-3	Phenol-d6	143.943		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	99.823		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	99.462		52-132		99	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.:	BF112724
Lab Sample ID:	P4938-04MSD	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
BF140666.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	165.39		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	100.655		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67929	6.869				
1146-65-2	Naphthalene-d8	262127	8.151				
15067-26-2	Acenaphthene-d10	152071	9.91				
1517-22-2	Phenanthrene-d10	296201	11.398				
1719-03-5	Chrysene-d12	177973	14.051				
1520-96-3	Perylene-d12	132236	15.539				

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140667.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

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	56.4	U	56.4	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	56.8	U	56.8	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	58.5	U	58.5	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	59.1	U	59.1	88.5	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	54.5	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	64.3	U	64.3	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.4	U	63.4	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	58.1	U	58.1	88.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.2	U	56.2	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.2	U	56.2	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:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140667.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

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	52.7	U	52.7	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	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	56.6	U	56.6	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	60.7	U	60.7	88.5	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.5	120	ug/Kg
Total PAH	Total PAH	901.9	U	901.9	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	57.4	U	57.4	88.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	115.3	U	115.3	88.5	240	ug/Kg
84-66-2	Diethylphthalate	54.5	U	54.5	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	72.8	U	72.8	88.5	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	88.5	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	62.2	U	62.2	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140667.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

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	57.2	U	57.2	88.5	120	ug/Kg
120-12-7	Anthracene	57.4	U	57.4	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	67.1	U	67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.9	U	54.9	88.5	120	ug/Kg
218-01-9	Chrysene	54.1	U	54.1	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.9	U	61.9	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	56.2	U	56.2	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	54.5	U	54.5	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	50.8	U	50.8	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.6	U	56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.987		18-112		69	SPK: -150
13127-88-3	Phenol-d6	101.999		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	69.131		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	68.684		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140667.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.443		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	67.127		10-105		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72834	6.869				
1146-65-2	Naphthalene-d8	273522	8.151				
15067-26-2	Acenaphthene-d10	157616	9.904				
1517-22-2	Phenanthrene-d10	310681	11.398				
1719-03-5	Chrysene-d12	186187	14.045				
1520-96-3	Perylene-d12	178138	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	990	J			2.151	
000119-61-9	Benzophenone	130	J			10.616	
000057-10-3	n-Hexadecanoic acid	120	J			11.921	
000111-06-8	Hexadecanoic acid, butyl ester	85.8	J			12.792	
000123-95-5	Octadecanoic acid, butyl ester	58.3	J			13.498	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			13.88	
000301-02-0	9-Octadecenamide, (Z)-	74.6	J			14.81	

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMS	SDG No.:	BF112724
Lab Sample ID:	P4985-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140668.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	640		59	180	220	ug/Kg
110-86-1	Pyridine	660		54.3	88.4	120	ug/Kg
100-52-7	Benzaldehyde	440		120	180	220	ug/Kg
62-53-3	Aniline	670		65.9	88.4	120	ug/Kg
108-95-2	Phenol	730		56.4	88.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	670		56.9	88.4	120	ug/Kg
95-57-8	2-Chlorophenol	700		56.8	88.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	660		57.5	88.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	650		58.5	88.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	650		58.8	88.4	120	ug/Kg
100-51-6	Benzyl Alcohol	720		56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	700		54.8	88.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	700		61.8	88.4	120	ug/Kg
98-86-2	Acetophenone	680		59.1	88.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	710		54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	690		27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	650		56.4	88.4	120	ug/Kg
98-95-3	Nitrobenzene	650		61.8	88.4	120	ug/Kg
78-59-1	Isophorone	710		57.5	88.4	120	ug/Kg
88-75-5	2-Nitrophenol	700		64.3	88.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	870		63.4	88.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	700		58.4	88.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	730		51.3	88.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	650		58.1	88.4	120	ug/Kg
65-85-0	Benzoic acid	700		160	180	220	ug/Kg
91-20-3	Naphthalene	670		56.2	88.4	120	ug/Kg
106-47-8	4-Chloroaniline	290		56.2	88.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	660		56.7	88.4	120	ug/Kg



Client:			Date Collected:	11/23/2024 12:00:00 AM	
Project:			Date Received:	11/23/2024 12:00:00 AM	
Client Sample ID:	MH-756-WCMS		SDG No.:	BF112724	
Lab Sample ID:	P4985-01MS		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	11.9	
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
BF140668.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	790		59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	750		52.7	88.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	720		56.1	88.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	690		48.6	88.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	690		50.3	88.4	120	ug/Kg
92-52-4	1,1-Biphenyl	680		59.4	88.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	660		56.7	88.4	120	ug/Kg
88-74-4	2-Nitroaniline	700		64.6	88.4	120	ug/Kg
131-11-3	Dimethylphthalate	710		55.6	88.4	120	ug/Kg
208-96-8	Acenaphthylene	730		58.8	88.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	680		56.6	88.4	120	ug/Kg
99-09-2	3-Nitroaniline	480		60.7	88.4	120	ug/Kg
83-32-9	Acenaphthene	700		55.2	88.4	120	ug/Kg
Total PAH	Total PAH	11010		901.2	88.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		170	180	220	ug/Kg
100-02-7	4-Nitrophenol	1500		78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	700		57.4	88.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	390		115.2	88.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	710		58.6	88.4	120	ug/Kg
84-66-2	Diethylphthalate	720		54.5	88.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	720		58.2	88.4	120	ug/Kg
86-73-7	Fluorene	700		58.1	88.4	120	ug/Kg
100-01-6	4-Nitroaniline	710		72.8	88.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	850		79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	710		55.5	88.4	120	ug/Kg
103-33-3	Azobenzene	760		54.1	88.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	690		53.7	88.4	120	ug/Kg
118-74-1	Hexachlorobenzene	690		57.8	88.4	120	ug/Kg
1912-24-9	Atrazine	850		62.2	88.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMS	SDG No.:	BF112724
Lab Sample ID:	P4985-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140668.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1400		52.6	180	220	ug/Kg
85-01-8	Phenanthrene	720		57.1	88.4	120	ug/Kg
120-12-7	Anthracene	750		57.4	88.4	120	ug/Kg
86-74-8	Carbazole	710		54.6	88.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	740		57.3	88.4	120	ug/Kg
206-44-0	Fluoranthene	670		55.6	88.4	120	ug/Kg
92-87-5	Benzidine	220		110	180	220	ug/Kg
129-00-0	Pyrene	680		56.4	88.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	710		65.8	88.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	500		67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	720		54.9	88.4	120	ug/Kg
218-01-9	Chrysene	710		54.1	88.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	730		61.9	88.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	860		74.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	710		55.2	88.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	690		56.2	88.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	770		63.2	88.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630		53.1	88.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	620		55.2	88.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	540		54.5	88.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	660		59	88.4	120	ug/Kg
123-91-1	1,4-Dioxane	590		74.8	88.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	790		50.8	88.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	680		56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	61.901		18-112		41	SPK: -150
13127-88-3	Phenol-d6	62.177		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	42.386		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	41.196		20-109		41	SPK: -100

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMS	SDG No.:	BF112724
Lab Sample ID:	P4985-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140668.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.83		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	40.667		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109841	6.869				
1146-65-2	Naphthalene-d8	410668	8.151				
15067-26-2	Acenaphthene-d10	246111	9.91				
1517-22-2	Phenanthrene-d10	470485	11.398				
1719-03-5	Chrysene-d12	261870	14.051				
1520-96-3	Perylene-d12	268749	15.545				

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMSD	SDG No.:	BF112724
Lab Sample ID:	P4985-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140669.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	700		59.1	180	220	ug/Kg
110-86-1	Pyridine	740		54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	480		120	180	220	ug/Kg
62-53-3	Aniline	770		65.9	88.5	120	ug/Kg
108-95-2	Phenol	790		56.4	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	740		57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	770		56.8	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	720		57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	700		58.5	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	710		58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	780		56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	750		54.8	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	770		61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	710		59.1	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	770		54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	750		27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	700		56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	680		61.8	88.5	120	ug/Kg
78-59-1	Isophorone	750		57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	760		64.3	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	920		63.4	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	740		58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	770		51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	700		58.1	88.5	120	ug/Kg
65-85-0	Benzoic acid	740		160	180	220	ug/Kg
91-20-3	Naphthalene	730		56.2	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	310		56.2	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	690		56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMSD	SDG No.:	BF112724
Lab Sample ID:	P4985-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140669.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	830		59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	780		52.7	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	770		56.1	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	750		48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750		50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	730		59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	720		56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	750		64.6	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	770		55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	790		58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	740		56.6	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	520		60.7	88.5	120	ug/Kg
83-32-9	Acenaphthene	750		55.2	88.5	120	ug/Kg
Total PAH	Total PAH	11750		901.8	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1600		170	180	220	ug/Kg
100-02-7	4-Nitrophenol	1500		78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	750		57.4	88.5	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	760		58.7	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	500		115.3	88.5	240	ug/Kg
84-66-2	Diethylphthalate	770		54.5	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	760		58.3	88.5	120	ug/Kg
86-73-7	Fluorene	750		58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	750		72.8	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910		79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	780		55.5	88.5	120	ug/Kg
103-33-3	Azobenzene	810		54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	770		53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	740		57.8	88.5	120	ug/Kg
1912-24-9	Atrazine	920		62.2	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMSD	SDG No.:	BF112724
Lab Sample ID:	P4985-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140669.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1500		52.6	180	220	ug/Kg
85-01-8	Phenanthrene	760		57.2	88.5	120	ug/Kg
120-12-7	Anthracene	810		57.4	88.5	120	ug/Kg
86-74-8	Carbazole	750		54.6	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	790		57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	700		55.6	88.5	120	ug/Kg
92-87-5	Benzidine	360		110	180	220	ug/Kg
129-00-0	Pyrene	700		56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	750		65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	550		67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	780		54.9	88.5	120	ug/Kg
218-01-9	Chrysene	780		54.1	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	780		61.9	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	940		74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	740		56.2	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	820		63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	650		53.1	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	650		55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	560		54.5	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	730		59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	640		74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	830		50.8	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	720		56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.964		18-112		45	SPK: -150
13127-88-3	Phenol-d6	68.45		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	45.563		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	44.254		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WCMSD	SDG No.:	BF112724
Lab Sample ID:	P4985-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.9
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
BF140669.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.205		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	41.446		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117319	6.869				
1146-65-2	Naphthalene-d8	450123	8.151				
15067-26-2	Acenaphthene-d10	260080	9.91				
1517-22-2	Phenanthrene-d10	487119	11.398				
1719-03-5	Chrysene-d12	274915	14.051				
1520-96-3	Perylene-d12	280353	15.539				

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-04	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
BF140670.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-04	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
BF140670.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-04	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
BF140670.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	140.194		10-139		93	SPK: -150
13127-88-3	Phenol-d6	135.899		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	93.805		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	96.885		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-756-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-04	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
BF140670.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.117		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	102.496		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76201	6.869				
1146-65-2	Naphthalene-d8	293093	8.151				
15067-26-2	Acenaphthene-d10	165272	9.904				
1517-22-2	Phenanthrene-d10	322975	11.398				
1719-03-5	Chrysene-d12	181566	14.045				
1520-96-3	Perylene-d12	165196	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-734	SDG No.:	BF112724
Lab Sample ID:	P4938-08	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
BF140671.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112724
Lab Sample ID:	P4938-08	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
BF140671.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	MH-734	SDG No.:	BF112724
Lab Sample ID:	P4938-08	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
BF140671.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	147.985		10-139		99	SPK: -150
13127-88-3	Phenol-d6	142.027		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	96.945		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	95.725		52-132		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:	MH-734	SDG No.:	BF112724
Lab Sample ID:	P4938-08	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
BF140671.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.093		44-137		109	SPK: -150
1718-51-0	Terphenyl-d14	104.508		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80168	6.869				
1146-65-2	Naphthalene-d8	309167	8.151				
15067-26-2	Acenaphthene-d10	178404	9.904				
1517-22-2	Phenanthrene-d10	357275	11.398				
1719-03-5	Chrysene-d12	211705	14.045				
1520-96-3	Perylene-d12	193363	15.545				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	001	SDG No.:	BF112724
Lab Sample ID:	P4995-02	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
BF140672.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	001	SDG No.:	BF112724
Lab Sample ID:	P4995-02	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
BF140672.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	001	SDG No.:	BF112724
Lab Sample ID:	P4995-02	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
BF140672.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	122.567		10-139		82	SPK: -150
13127-88-3	Phenol-d6	111.433		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	92.815		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	98.533		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	001	SDG No.:	BF112724
Lab Sample ID:	P4995-02	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
BF140672.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.943		44-137		104	SPK: -150
1718-51-0	Terphenyl-d14	102.105		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81173	6.869				
1146-65-2	Naphthalene-d8	306743	8.151				
15067-26-2	Acenaphthene-d10	167013	9.904				
1517-22-2	Phenanthrene-d10	342816	11.392				
1719-03-5	Chrysene-d12	198279	14.045				
1520-96-3	Perylene-d12	96521	15.545				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-745	SDG No.:	BF112724
Lab Sample ID:	P5000-04	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
BF140673.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-745	SDG No.:	BF112724
Lab Sample ID:	P5000-04	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
BF140673.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-745	SDG No.:	BF112724
Lab Sample ID:	P5000-04	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
BF140673.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	142.748		10-139		95	SPK: -150
13127-88-3	Phenol-d6	136.432		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	92.411		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	95.246		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-745	SDG No.:	BF112724
Lab Sample ID:	P5000-04	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
BF140673.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.947		44-137		109	SPK: -150
1718-51-0	Terphenyl-d14	103.748		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67366	6.869				
1146-65-2	Naphthalene-d8	259228	8.151				
15067-26-2	Acenaphthene-d10	148012	9.904				
1517-22-2	Phenanthrene-d10	295851	11.392				
1719-03-5	Chrysene-d12	169558	14.045				
1520-96-3	Perylene-d12	127142	15.539				

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-733	SDG No.:	BF112724
Lab Sample ID:	P5000-08	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
BF140674.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-733	SDG No.:	BF112724
Lab Sample ID:	P5000-08	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
BF140674.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-733	SDG No.:	BF112724
Lab Sample ID:	P5000-08	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
BF140674.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

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	146.726		10-139		98	SPK: -150
13127-88-3	Phenol-d6	138.267		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	103.748		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	106.695		52-132		107	SPK: -100

Report of Analysis

Client:		Date Collected:	11/25/2024 12:00:00 AM
Project:		Date Received:	11/25/2024 12:00:00 AM
Client Sample ID:	MH-733	SDG No.:	BF112724
Lab Sample ID:	P5000-08	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
BF140674.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	172.183		44-137		115	SPK: -150
1718-51-0	Terphenyl-d14	112.107		48-125		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65314	6.869				
1146-65-2	Naphthalene-d8	246753	8.151				
15067-26-2	Acenaphthene-d10	139477	9.904				
1517-22-2	Phenanthrene-d10	275850	11.392				
1719-03-5	Chrysene-d12	156653	14.045				
1520-96-3	Perylene-d12	98285	15.539				

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140675.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.2	U	58.2	180	220	ug/Kg
110-86-1	Pyridine	53.6	U	53.6	87.2	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65	U	65	87.2	110	ug/Kg
108-95-2	Phenol	55.6	U	55.6	87.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.2	110	ug/Kg
95-57-8	2-Chlorophenol	56	U	56	87.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58	U	58	87.2	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.2	110	ug/Kg
98-86-2	Acetophenone	58.3	U	58.3	87.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.5	U	53.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27	U	27	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.2	110	ug/Kg
98-95-3	Nitrobenzene	60.9	U	60.9	87.2	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.2	110	ug/Kg
88-75-5	2-Nitrophenol	63.4	U	63.4	87.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.5	U	62.5	87.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.2	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.4	U	55.4	87.2	110	ug/Kg
106-47-8	4-Chloroaniline	55.4	U	55.4	87.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140675.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.2	U	58.2	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.3	U	55.3	87.2	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.6	U	49.6	87.2	110	ug/Kg
92-52-4	1,1-Biphenyl	58.6	U	58.6	87.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.2	110	ug/Kg
88-74-4	2-Nitroaniline	63.7	U	63.7	87.2	110	ug/Kg
131-11-3	Dimethylphthalate	54.8	U	54.8	87.2	110	ug/Kg
208-96-8	Acenaphthylene	58	U	58	87.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.8	U	55.8	87.2	110	ug/Kg
99-09-2	3-Nitroaniline	59.8	U	59.8	87.2	110	ug/Kg
83-32-9	Acenaphthene	54.4	U	54.4	87.2	110	ug/Kg
Total PAH	Total PAH	888.9	U	888.9	87.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.8	U	77.8	180	220	ug/Kg
132-64-9	Dibenzofuran	56.6	U	56.6	87.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113.6	U	113.6	87.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.8	U	57.8	87.2	110	ug/Kg
84-66-2	Diethylphthalate	53.7	U	53.7	87.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.4	U	57.4	87.2	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.2	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.5	U	78.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.7	U	54.7	87.2	110	ug/Kg
103-33-3	Azobenzene	53.4	U	53.4	87.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.9	U	52.9	87.2	110	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	87.2	110	ug/Kg
1912-24-9	Atrazine	61.3	U	61.3	87.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF140675.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.2	110	ug/Kg
120-12-7	Anthracene	56.6	U	56.6	87.2	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.2	110	ug/Kg
206-44-0	Fluoranthene	54.8	U	54.8	87.2	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.9	U	64.9	87.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.1	U	66.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.1	U	54.1	87.2	110	ug/Kg
218-01-9	Chrysene	53.3	U	53.3	87.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	U	61	87.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.8	U	73.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.4	U	54.4	87.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.4	U	55.4	87.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.4	U	62.4	87.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.4	U	52.4	87.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.7	U	53.7	87.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.2	U	58.2	87.2	110	ug/Kg
123-91-1	1,4-Dioxane	73.8	U	73.8	87.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.1	U	50.1	87.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.8	U	55.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	50.715		18-112		34	SPK: -150
13127-88-3	Phenol-d6	50.721		15-107		34	SPK: -150
4165-60-0	Nitrobenzene-d5	33.748		18-107		34	SPK: -100
321-60-8	2-Fluorobiphenyl	34.723		20-109		35	SPK: -100

Report of Analysis

Client:		Date Collected:	11/23/2024 12:00:00 AM
Project:		Date Received:	11/23/2024 12:00:00 AM
Client Sample ID:	MH-740-WC	SDG No.:	BF112724
Lab Sample ID:	P4985-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	50.02 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
BF140675.D	1	11/26/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	47.477		10-116		32	SPK: -150
1718-51-0	Terphenyl-d14	29.737		10-105		30	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119046	6.869				
1146-65-2	Naphthalene-d8	455701	8.151				
15067-26-2	Acenaphthene-d10	256174	9.904				
1517-22-2	Phenanthrene-d10	461717	11.398				
1719-03-5	Chrysene-d12	280855	14.045				
1520-96-3	Perylene-d12	244567	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	440	J			2.134	
000119-61-9	Benzophenone	72.2	J			10.616	
000301-02-0	9-Octadecenamide, (Z)-	64.4	J			14.81	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF112724
Lab Sample ID:	P5005-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140676.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.7	U	58.7	180	220	ug/Kg
110-86-1	Pyridine	54.1	U	54.1	87.9	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.6	U	65.6	87.9	120	ug/Kg
108-95-2	Phenol	56.1	U	56.1	87.9	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.6	U	56.6	87.9	120	ug/Kg
95-57-8	2-Chlorophenol	56.5	U	56.5	87.9	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.2	U	57.2	87.9	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.2	U	58.2	87.9	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.5	U	58.5	87.9	120	ug/Kg
100-51-6	Benzyl Alcohol	56.2	U	56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	54.5	U	54.5	87.9	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.5	U	61.5	87.9	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	87.9	120	ug/Kg
65794-96-9	3+4-Methylphenols	54	U	54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.3	U	27.3	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	56.2	U	56.2	87.9	120	ug/Kg
98-95-3	Nitrobenzene	61.4	U	61.4	87.9	120	ug/Kg
78-59-1	Isophorone	57.2	U	57.2	87.9	120	ug/Kg
88-75-5	2-Nitrophenol	63.9	U	63.9	87.9	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.1	U	63.1	87.9	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	58	87.9	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	87.9	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.8	U	57.8	87.9	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.9	U	55.9	87.9	120	ug/Kg
106-47-8	4-Chloroaniline	55.9	U	55.9	87.9	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.4	U	56.4	87.9	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF112724
Lab Sample ID:	P5005-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140676.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.7	U	58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.4	U	52.4	87.9	120	ug/Kg
91-57-6	2-Methylnaphthalene	55.8	U	55.8	87.9	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.3	U	48.3	87.9	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.1	U	50.1	87.9	120	ug/Kg
92-52-4	1,1-Biphenyl	59.1	U	59.1	87.9	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	87.9	120	ug/Kg
88-74-4	2-Nitroaniline	64.3	U	64.3	87.9	120	ug/Kg
131-11-3	Dimethylphthalate	55.3	U	55.3	87.9	120	ug/Kg
208-96-8	Acenaphthylene	58.5	U	58.5	87.9	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.3	U	56.3	87.9	120	ug/Kg
99-09-2	3-Nitroaniline	60.3	U	60.3	87.9	120	ug/Kg
83-32-9	Acenaphthene	54.9	U	54.9	87.9	120	ug/Kg
Total PAH	Total PAH	896.5	U	896.5	87.9	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.5	U	78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	57.1	U	57.1	87.9	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.3	U	58.3	87.9	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.6	U	114.6	87.9	240	ug/Kg
84-66-2	Diethylphthalate	54.2	U	54.2	87.9	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.9	U	57.9	87.9	120	ug/Kg
86-73-7	Fluorene	57.8	U	57.8	87.9	120	ug/Kg
100-01-6	4-Nitroaniline	72.4	U	72.4	87.9	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.2	U	79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.2	U	55.2	87.9	120	ug/Kg
103-33-3	Azobenzene	53.9	U	53.9	87.9	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.4	U	53.4	87.9	120	ug/Kg
118-74-1	Hexachlorobenzene	57.5	U	57.5	87.9	120	ug/Kg
1912-24-9	Atrazine	61.8	U	61.8	87.9	120	ug/Kg



Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF112724
Lab Sample ID:	P5005-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 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
BF140676.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.3	U	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	56.8	U	56.8	87.9	120	ug/Kg
120-12-7	Anthracene	57.1	U	57.1	87.9	120	ug/Kg
86-74-8	Carbazole	54.3	U	54.3	87.9	120	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	87.9	120	ug/Kg
206-44-0	Fluoranthene	100	J	55.3	87.9	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	77.3	J	56.2	87.9	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.5	U	65.5	87.9	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.7	U	66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	56.9	J	54.6	87.9	120	ug/Kg
218-01-9	Chrysene	58.3	J	53.8	87.9	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.6	U	61.6	87.9	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.4	U	74.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	74.5	J	54.9	87.9	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.9	U	55.9	87.9	120	ug/Kg
50-32-8	Benzo(a)pyrene	62.9	U	62.9	87.9	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.8	U	52.8	87.9	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.9	U	54.9	87.9	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.2	U	54.2	87.9	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.7	U	58.7	87.9	120	ug/Kg
123-91-1	1,4-Dioxane	74.4	U	74.4	87.9	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.5	U	50.5	87.9	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.3	U	56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.058		18-112		74	SPK: -150
13127-88-3	Phenol-d6	109.79		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	73.589		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	75.275		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILE	SDG No.:	BF112724
Lab Sample ID:	P5005-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140676.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.058		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	65.001		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81222	6.869				
1146-65-2	Naphthalene-d8	307726	8.151				
15067-26-2	Acenaphthene-d10	167420	9.904				
1517-22-2	Phenanthrene-d10	269301	11.398				
1719-03-5	Chrysene-d12	172274	14.045				
1520-96-3	Perylene-d12	133638	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.146	
000119-61-9	Benzophenone	230	J			10.616	
000057-10-3	n-Hexadecanoic acid	100	J			11.916	
959092-08-1	Pentafluoropropionic acid, pentade	77.8	J			13.88	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMS	SDG No.:	BF112724
Lab Sample ID:	P5005-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140677.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	980		58.7	180	220	ug/Kg
110-86-1	Pyridine	890		54.1	88	120	ug/Kg
100-52-7	Benzaldehyde	660		120	180	220	ug/Kg
62-53-3	Aniline	860		65.6	88	120	ug/Kg
108-95-2	Phenol	1100		56.1	88	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.6	88	120	ug/Kg
95-57-8	2-Chlorophenol	1100		56.5	88	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		57.3	88	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		58.2	88	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		58.5	88	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.2	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		54.5	88	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.5	88	120	ug/Kg
98-86-2	Acetophenone	1000		58.8	88	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.3	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	980		56.2	88	120	ug/Kg
98-95-3	Nitrobenzene	990		61.5	88	120	ug/Kg
78-59-1	Isophorone	1100		57.3	88	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64	88	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		63.1	88	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.1	88	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.1	88	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	990		57.8	88	120	ug/Kg
65-85-0	Benzoic acid	930		160	180	220	ug/Kg
91-20-3	Naphthalene	1000		55.9	88	120	ug/Kg
106-47-8	4-Chloroaniline	330		55.9	88	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		56.4	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMS	SDG No.:	BF112724
Lab Sample ID:	P5005-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140677.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		52.5	88	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		55.8	88	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.3	88	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50.1	88	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.2	88	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.4	88	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.3	88	120	ug/Kg
131-11-3	Dimethylphthalate	1100		55.3	88	120	ug/Kg
208-96-8	Acenaphthylene	1100		58.5	88	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		56.3	88	120	ug/Kg
99-09-2	3-Nitroaniline	720		60.4	88	120	ug/Kg
83-32-9	Acenaphthene	1100		54.9	88	120	ug/Kg
Total PAH	Total PAH	17120		896.9	88	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1800		78.5	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.1	88	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		58.3	88	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2000		114.6	88	240	ug/Kg
84-66-2	Diethylphthalate	1100		54.2	88	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		57.9	88	120	ug/Kg
86-73-7	Fluorene	1000		57.9	88	120	ug/Kg
100-01-6	4-Nitroaniline	870		72.4	88	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		79.2	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		55.2	88	120	ug/Kg
103-33-3	Azobenzene	1200		53.9	88	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		53.4	88	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		57.5	88	120	ug/Kg
1912-24-9	Atrazine	1300		61.9	88	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMS	SDG No.:	BF112724
Lab Sample ID:	P5005-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140677.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	1100		56.9	88	120	ug/Kg
120-12-7	Anthracene	1100		57.1	88	120	ug/Kg
86-74-8	Carbazole	1100		54.3	88	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57.1	88	120	ug/Kg
206-44-0	Fluoranthene	1100		55.3	88	120	ug/Kg
92-87-5	Benzidine	410		110	180	220	ug/Kg
129-00-0	Pyrene	1000		56.2	88	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.5	88	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740		66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.6	88	120	ug/Kg
218-01-9	Chrysene	1100		53.8	88	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		61.6	88	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		74.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		54.9	88	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55.9	88	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		62.9	88	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.9	88	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		55	88	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920		54.2	88	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		58.7	88	120	ug/Kg
123-91-1	1,4-Dioxane	900		74.4	88	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.6	88	120	ug/Kg
90-12-0	1-Methylnaphthalene	990		56.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.313		18-112		73	SPK: -150
13127-88-3	Phenol-d6	108.114		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	74.194		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	76.396		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMS	SDG No.:	BF112724
Lab Sample ID:	P5005-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140677.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.438		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	68.303		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79003	6.869				
1146-65-2	Naphthalene-d8	292354	8.151				
15067-26-2	Acenaphthene-d10	153667	9.91				
1517-22-2	Phenanthrene-d10	241087	11.398				
1719-03-5	Chrysene-d12	155258	14.045				
1520-96-3	Perylene-d12	119180	15.539				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMSD	SDG No.:	BF112724
Lab Sample ID:	P5005-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140678.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	960		58.7	180	220	ug/Kg
110-86-1	Pyridine	890		54	87.9	110	ug/Kg
100-52-7	Benzaldehyde	630		120	180	220	ug/Kg
62-53-3	Aniline	870		65.5	87.9	110	ug/Kg
108-95-2	Phenol	1100		56.1	87.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.6	87.9	110	ug/Kg
95-57-8	2-Chlorophenol	1100		56.5	87.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		57.2	87.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		58.2	87.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	980		58.5	87.9	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		54.5	87.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		61.5	87.9	110	ug/Kg
98-86-2	Acetophenone	990		58.8	87.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	1000		54	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.3	54.1	54.1	ug/Kg
67-72-1	Hexachloroethane	950		56.1	87.9	110	ug/Kg
98-95-3	Nitrobenzene	960		61.4	87.9	110	ug/Kg
78-59-1	Isophorone	1000		57.2	87.9	110	ug/Kg
88-75-5	2-Nitrophenol	1000		63.9	87.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		63	87.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		58	87.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.1	87.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		57.8	87.9	110	ug/Kg
65-85-0	Benzoic acid	940		160	180	220	ug/Kg
91-20-3	Naphthalene	990		55.9	87.9	110	ug/Kg
106-47-8	4-Chloroaniline	340		55.9	87.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	950		56.3	87.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMSD	SDG No.:	BF112724
Lab Sample ID:	P5005-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140678.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		58.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980		52.4	87.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		55.8	87.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.3	87.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		50	87.9	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.1	87.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		56.3	87.9	110	ug/Kg
88-74-4	2-Nitroaniline	1000		64.2	87.9	110	ug/Kg
131-11-3	Dimethylphthalate	1100		55.3	87.9	110	ug/Kg
208-96-8	Acenaphthylene	1100		58.5	87.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		56.3	87.9	110	ug/Kg
99-09-2	3-Nitroaniline	700		60.3	87.9	110	ug/Kg
83-32-9	Acenaphthene	1000		54.8	87.9	110	ug/Kg
Total PAH	Total PAH	16960		896.2	87.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		160	180	220	ug/Kg
100-02-7	4-Nitrophenol	1800		78.4	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		57.1	87.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	940		114.6	87.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	960		58.3	87.9	110	ug/Kg
84-66-2	Diethylphthalate	1000		54.2	87.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	980		57.9	87.9	110	ug/Kg
86-73-7	Fluorene	960		57.8	87.9	110	ug/Kg
100-01-6	4-Nitroaniline	830		72.4	87.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910		79.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		55.2	87.9	110	ug/Kg
103-33-3	Azobenzene	1100		53.8	87.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.4	87.9	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		57.5	87.9	110	ug/Kg
1912-24-9	Atrazine	1300		61.8	87.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMSD	SDG No.:	BF112724
Lab Sample ID:	P5005-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140678.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	52.3	180	220	ug/Kg
85-01-8	Phenanthrene	1100		56.8	87.9	110	ug/Kg
120-12-7	Anthracene	1100		57.1	87.9	110	ug/Kg
86-74-8	Carbazole	1000		54.3	87.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57	87.9	110	ug/Kg
206-44-0	Fluoranthene	1100		55.3	87.9	110	ug/Kg
92-87-5	Benzidine	600		110	180	220	ug/Kg
129-00-0	Pyrene	1000		56.1	87.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.5	87.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890		66.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.6	87.9	110	ug/Kg
218-01-9	Chrysene	1100		53.8	87.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		61.5	87.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		74.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		54.8	87.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55.9	87.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		62.9	87.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		52.8	87.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		54.9	87.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910		54.2	87.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		58.7	87.9	110	ug/Kg
123-91-1	1,4-Dioxane	910		74.4	87.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		50.5	87.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	950		56.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.309		18-112		70	SPK: -150
13127-88-3	Phenol-d6	106.934		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	71.694		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	74.74		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	STOCK-PILEMSD	SDG No.:	BF112724
Lab Sample ID:	P5005-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
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
BF140678.D	1	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.716		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	68.571		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83621	6.869				
1146-65-2	Naphthalene-d8	313052	8.151				
15067-26-2	Acenaphthene-d10	159642	9.91				
1517-22-2	Phenanthrene-d10	255191	11.398				
1719-03-5	Chrysene-d12	158828	14.045				
1520-96-3	Perylene-d12	124917	15.539				

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	EO-02-11262024	SDG No.:	BF112724
Lab Sample ID:	P5019-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140679.D	2	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.8	U	51.8	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.1	U	97.1	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	EO-02-11262024	SDG No.:	BF112724
Lab Sample ID:	P5019-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140679.D	2	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.6	U	99.6	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.8	U	91.8	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.1	U	95.1	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1700	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	EO-02-11262024	SDG No.:	BF112724
Lab Sample ID:	P5019-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140679.D	2	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.4	U	99.4	350	420	ug/Kg
85-01-8	Phenanthrene	160	J	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	200	J	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	300		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	100	170	220	ug/Kg
218-01-9	Chrysene	180	J	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	850		120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96	U	96	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.882		18-112		39	SPK: -150
13127-88-3	Phenol-d6	58.556		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	40.818		18-107		41	SPK: -100
321-60-8	2-Fluorobiphenyl	48.528		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	EO-02-11262024	SDG No.:	BF112724
Lab Sample ID:	P5019-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140679.D	2	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	50.616		10-116		34	SPK: -150
1718-51-0	Terphenyl-d14	44.392		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80532	6.869				
1146-65-2	Naphthalene-d8	281575	8.151				
15067-26-2	Acenaphthene-d10	130939	9.904				
1517-22-2	Phenanthrene-d10	217511	11.398				
1719-03-5	Chrysene-d12	129301	14.045				
1520-96-3	Perylene-d12	108880	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000629-50-5	Tridecane	100	J			8.733	
000629-59-4	Tetradecane	210	J			9.298	
	unknown9.539	110	J			9.539	
000630-01-3	Hexacosane	160	J			9.616	
000629-62-9	Pentadecane	280	J			9.827	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	100	J			10.151	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	120	J			10.222	
000112-40-3	Dodecane	370	J			10.327	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	200	J			10.545	
000593-45-3	Octadecane	470	J			10.804	
000629-94-7	Heneicosane	290	J			11.251	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	160	J			11.28	
000629-92-5	Nonadecane	240	J			11.674	
000112-39-0	Hexadecanoic acid, methyl ester	1700	J			11.78	
000057-10-3	n-Hexadecanoic acid	670	J			11.921	
000629-78-7	Heptadecane	210	J			12.086	
002566-97-4	9,12-Octadecadienoic acid, methyl	4300	J			12.474	
1000427-69-3	(Z)-15-Octadecenoic acid methyl es	4600	J			12.492	
000057-11-4	Octadecanoic acid	450	J			12.71	

Report of Analysis

Client:		Date Collected:	11/26/2024 12:00:00 AM
Project:		Date Received:	11/26/2024 12:00:00 AM
Client Sample ID:	EO-02-11262024	SDG No.:	BF112724
Lab Sample ID:	P5019-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.8
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140679.D	2	11/27/2024 12:00:00 AM	11/27/2024 12:00:00 AM	PB165294

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000630-04-6	Hentriacontane	250	J			13.21	

Hit Summary Sheet SW-846

SDG No.: BF112724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MH-756-WC								
P4985-01	MH-756-WC	Solid	9-Octadecenamide, (Z)-	*	74.600	J		
P4985-01	MH-756-WC	Solid	Benzophenone	*	130.000	J		
P4985-01	MH-756-WC	Solid	Butane, 2-methoxy-2-methyl-	*	990.000	J		
P4985-01	MH-756-WC	Solid	Hexadecanoic acid, butyl ester	*	85.800	J		
P4985-01	MH-756-WC	Solid	n-Hexadecanoic acid	*	120.000	J		
P4985-01	MH-756-WC	Solid	Octadecanoic acid, butyl ester	*	58.300	J		
P4985-01	MH-756-WC	Solid	Pentadecafluorooctanoic acid, oct:	*	110.000	J		
Total Tics :					1,568.70			
Total Concentration:					1,568.70			
Client ID : MH-740-WC								
P4985-05	MH-740-WC	Solid	9-Octadecenamide, (Z)-	*	64.400	J		
P4985-05	MH-740-WC	Solid	Benzophenone	*	72.200	J		
P4985-05	MH-740-WC	Solid	Butane, 2-methoxy-2-methyl-	*	440.000	J		
Total Tics :					576.60			
Total Concentration:					576.60			
Client ID : STOCK-PILE								
P5005-01	STOCK-PILE	Solid	Benzophenone	*	230.000	J		
P5005-01	STOCK-PILE	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P5005-01	STOCK-PILE	Solid	n-Hexadecanoic acid	*	100.000	J		
P5005-01	STOCK-PILE	Solid	Pentafluoropropionic acid, pentad	*	77.800	J		
Total Tics :					1,607.80			
P5005-01	STOCK-PILE	Solid	Benzo(a)anthracene		56.900	J	54.6	120 ug/Kg
P5005-01	STOCK-PILE	Solid	Benzo(b)fluoranthene		74.500	J	54.9	120 ug/Kg
P5005-01	STOCK-PILE	Solid	Chrysene		58.300	J	53.8	120 ug/Kg
P5005-01	STOCK-PILE	Solid	Fluoranthene		100.000	J	55.3	120 ug/Kg
P5005-01	STOCK-PILE	Solid	Pyrene		77.300	J	56.2	120 ug/Kg
Total Svoc :					367.00			
Total Concentration:					1,974.80			
Client ID : EO-02-11262024								
P5019-01	EO-02-11262024	Solid	(Z)-15-Octadecenoic acid methyl	*	4,600.000	J		
P5019-01	EO-02-11262024	Solid	9,12-Octadecadienoic acid, methy	*	4,300.000	J		
P5019-01	EO-02-11262024	Solid	Dodecane	*	370.000	J		
P5019-01	EO-02-11262024	Solid	Heneicosane	*	290.000	J		
P5019-01	EO-02-11262024	Solid	Hentriacontane	*	250.000	J		
P5019-01	EO-02-11262024	Solid	Heptadecane	*	210.000	J		
P5019-01	EO-02-11262024	Solid	Hexacosane	*	160.000	J		

Hit Summary Sheet
SW-846

SDG No.: BF112724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5019-01	EO-02-11262024	Solid	Hexadecane, 2,6,10,14-tetramethyl	*	160.000	J		
P5019-01	EO-02-11262024	Solid	Hexadecanoic acid, methyl ester	*	1,700.000	J		
P5019-01	EO-02-11262024	Solid	n-Hexadecanoic acid	*	670.000	J		
P5019-01	EO-02-11262024	Solid	Naphthalene, 1,4,6-trimethyl-	*	120.000	J		
P5019-01	EO-02-11262024	Solid	Naphthalene, 2,3,6-trimethyl-	*	100.000	J		
P5019-01	EO-02-11262024	Solid	Nonadecane	*	240.000	J		
P5019-01	EO-02-11262024	Solid	Octadecane	*	470.000	J		
P5019-01	EO-02-11262024	Solid	Octadecanoic acid	*	450.000	J		
P5019-01	EO-02-11262024	Solid	Pentadecane	*	280.000	J		
P5019-01	EO-02-11262024	Solid	Pentadecane, 2,6,10-trimethyl-	*	200.000	J		
P5019-01	EO-02-11262024	Solid	Tetradecane	*	210.000	J		
P5019-01	EO-02-11262024	Solid	Tridecane	*	100.000	J		
P5019-01	EO-02-11262024	Solid	unknown9.539	*	110.000	J		
Total Tics :					14,990.00			
P5019-01	EO-02-11262024	Solid	Benzo(a)anthracene		150.000	J 100	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Benzo(a)pyrene		160.000	J 120	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Benzo(b)fluoranthene		150.000	J 100	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Benzo(g,h,i)perylene		100.000	J 100	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Bis(2-ethylhexyl)phthalate		850.000	120	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Chrysene		180.000	J 100	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Fluoranthene		200.000	J 110	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Phenanthrene		160.000	J 110	220	ug/Kg
P5019-01	EO-02-11262024	Solid	Pyrene		300.000	110	220	ug/Kg
Total Svoc :					2,250.00			
Total Concentration:					17,240.00			



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



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.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 09:13

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	PB165255BL	88828	6.87	344391	8.15	192584	9.90
02	PB165255BS	73505	6.87	278290	8.15	153565	9.91
03	PB165269BL	77642	6.87	291925	8.15	161710	9.90
04	PB165144BS	82046	6.87	308441	8.15	177190	9.91
05	PB165159TB	81521	6.87	304933	8.15	169987	9.90
06	PB165269BS	81937	6.87	309564	8.15	172880	9.91
07	PB165252TB	78744	6.87	298110	8.15	167956	9.90
08	MH-740-WC	75995	6.87	286954	8.15	161508	9.90
09	MH-732	78972	6.87	301949	8.15	176702	9.90
10	MH-732MS	67506	6.87	257356	8.15	150981	9.91
11	MH-732MSD	67929	6.87	262127	8.15	152071	9.91
12	MH-756-WC	72834	6.87	273522	8.15	157616	9.90
13	MH-756-WCMS	109841	6.87	410668	8.15	246111	9.91
14	MH-756-WCMSD	117319	6.87	450123	8.15	260080	9.91
15	MH-756-WC	76201	6.87	293093	8.15	165272	9.90
16	MH-734	80168	6.87	309167	8.15	178404	9.90
17	001	81173	6.87	306743	8.15	167013	9.90
18	MH-745	67366	6.87	259228	8.15	148012	9.90
19	MH-733	65314	6.87	246753	8.15	139477	9.90
20	MH-740-WC	119046	6.87	455701	8.15	256174	9.90
21	STOCK-PILE	81222	6.87	307726	8.15	167420	9.90
22	STOCK-PILEMS	79003	6.87	292354	8.15	153667	9.91
23	STOCK-PILEMSD	83621	6.87	313052	8.15	159642	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 19:16

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 EO-02-11262024	80532	6.87	281575	8.15	130939	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140655.D Time Analyzed: 09:13

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	98372	6.869	362566	8.15	198240	9.91
	UPPER LIMIT	196744	7.369	725132	8.651	396480	10.41
	LOWER LIMIT	49186	6.369	181283	7.651	99120	9.41
	EPA SAMPLE NO.						
01	PB165255BL	88828	6.87	344391	8.15	192584	9.90
02	PB165255BS	73505	6.87	278290	8.15	153565	9.91
03	PB165269BL	77642	6.87	291925	8.15	161710	9.90
04	PB165144BS	82046	6.87	308441	8.15	177190	9.91
05	PB165159TB	81521	6.87	304933	8.15	169987	9.90
06	PB165269BS	81937	6.87	309564	8.15	172880	9.91
07	PB165252TB	78744	6.87	298110	8.15	167956	9.90
08	MH-740-WC	75995	6.87	286954	8.15	161508	9.90
09	MH-732	78972	6.87	301949	8.15	176702	9.90
10	MH-732MS	67506	6.87	257356	8.15	150981	9.91
11	MH-732MSD	67929	6.87	262127	8.15	152071	9.91
12	MH-756-WC	72834	6.87	273522	8.15	157616	9.90
13	MH-756-WCMS	109841	6.87	410668	8.15	246111	9.91
14	MH-756-WCMSD	117319	6.87	450123	8.15	260080	9.91
15	MH-756-WC	76201	6.87	293093	8.15	165272	9.90
16	MH-734	80168	6.87	309167	8.15	178404	9.90
17	001	81173	6.87	306743	8.15	167013	9.90
18	MH-745	67366	6.87	259228	8.15	148012	9.90
19	MH-733	65314	6.87	246753	8.15	139477	9.90
20	MH-740-WC	119046	6.87	455701	8.15	256174	9.90
21	STOCK-PILE	81222	6.87	307726	8.15	167420	9.90
22	STOCK-PILEMS	79003	6.87	292354	8.15	153667	9.91
23	STOCK-PILEMSD	83621	6.87	313052	8.15	159642	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140655.D Time Analyzed: 19:16

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	98372	6.869	362566	8.15	198240	9.91
UPPER LIMIT	196744	7.369	725132	8.651	396480	10.41
LOWER LIMIT	49186	6.369	181283	7.651	99120	9.41
EPA SAMPLE NO.						
24 EO-02-11262024	80532	6.87	281575	8.15	130939	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.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 09:13

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	PB165255BL	368863	11.40	234611	14.05	216119	15.55
02	PB165255BS	293390	11.40	186758	14.05	149691	15.55
03	PB165269BL	313656	11.40	191732	14.05	153787	15.56
04	PB165144BS	338038	11.40	213188	14.05	167110	15.55
05	PB165159TB	328989	11.40	206359	14.05	168895	15.55
06	PB165269BS	335256	11.40	212656	14.05	172083	15.55
07	PB165252TB	325896	11.40	198725	14.05	158041	15.55
08	MH-740-WC	322573	11.40	241616	14.05	156641	15.54
09	MH-732	363564	11.40	276420	14.05	227099	15.55
10	MH-732MS	289856	11.40	174005	14.05	127572	15.53
11	MH-732MSD	296201	11.40	177973	14.05	132236	15.54
12	MH-756-WC	310681	11.40	186187	14.05	178138	15.55
13	MH-756-WCMS	470485	11.40	261870	14.05	268749	15.55
14	MH-756-WCMSD	487119	11.40	274915	14.05	280353	15.54
15	MH-756-WC	322975	11.40	181566	14.05	165196	15.54
16	MH-734	357275	11.40	211705	14.05	193363	15.55
17	001	342816	11.39	198279	14.05	96521 *	15.55
18	MH-745	295851	11.39	169558	14.05	127142	15.54
19	MH-733	275850	11.39	156653	14.05	98285 *	15.54
20	MH-740-WC	461717	11.40	280855	14.05	244567	15.55
21	STOCK-PILE	269301	11.40	172274	14.05	133638	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 18:24

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 STOCK-PILEMS	241087	11.40	155258	14.05	119180	15.54
23 STOCK-PILEMSD	255191	11.40	158828	14.05	124917	15.54
24 EO-02-11262024	217511 *	11.40	129301	14.05	108880	15.55

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.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140655.D Time Analyzed: 09:13

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	372253	11.398	233810	14.051	185431	15.545
	UPPER LIMIT	744506	11.898	467620	14.551	370862	16.045
	LOWER LIMIT	186126.5	10.898	116905	13.551	92715.5	15.045
	EPA SAMPLE NO.						
01	PB165255BL	368863	11.40	234611	14.05	216119	15.55
02	PB165255BS	293390	11.40	186758	14.05	149691	15.55
03	PB165269BL	313656	11.40	191732	14.05	153787	15.56
04	PB165144BS	338038	11.40	213188	14.05	167110	15.55
05	PB165159TB	328989	11.40	206359	14.05	168895	15.55
06	PB165269BS	335256	11.40	212656	14.05	172083	15.55
07	PB165252TB	325896	11.40	198725	14.05	158041	15.55
08	MH-740-WC	322573	11.40	241616	14.05	156641	15.54
09	MH-732	363564	11.40	276420	14.05	227099	15.55
10	MH-732MS	289856	11.40	174005	14.05	127572	15.53
11	MH-732MSD	296201	11.40	177973	14.05	132236	15.54
12	MH-756-WC	310681	11.40	186187	14.05	178138	15.55
13	MH-756-WCMS	470485	11.40	261870	14.05	268749	15.55
14	MH-756-WCMSD	487119	11.40	274915	14.05	280353	15.54
15	MH-756-WC	322975	11.40	181566	14.05	165196	15.54
16	MH-734	357275	11.40	211705	14.05	193363	15.55
17	001	342816	11.39	198279	14.05	96521	15.55
18	MH-745	295851	11.39	169558	14.05	127142	15.54
19	MH-733	275850	11.39	156653	14.05	98285	15.54
20	MH-740-WC	461717	11.40	280855	14.05	244567	15.55
21	STOCK-PILE	269301	11.40	172274	14.05	133638	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112724 SAS No.: BF112724 SDG NO.: BF112724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 27 2024 12:00AM

Lab File ID: BF140655.D Time Analyzed: 18:24

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	372253	11.398	233810	14.051	185431	15.545
UPPER LIMIT	744506	11.898	467620	14.551	370862	16.045
LOWER LIMIT	186126.5	10.898	116905	13.551	92715.5	15.045
EPA SAMPLE NO.						
22 STOCK-PILEMS	241087	11.40	155258	14.05	119180	15.54
23 STOCK-PILEMSD	255191	11.40	158828	14.05	124917	15.54
24 EO-02-11262024	217511	11.40	129301	14.05	108880	15.55

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.: BF112724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165144BS	n-Nitrosodimethylamine	50	46.4	ug/L	93				55	108	
	Pyridine	50	49.6	ug/L	99		*		29	97	
	Benzaldehyde	50	5.7	ug/L	11				10	162	
	Aniline	50	49.7	ug/L	99				10	130	
	Phenol	50	50.3	ug/L	101				66	118	
	bis(2-Chloroethyl)ether	50	48.1	ug/L	96				62	103	
	2-Chlorophenol	50	49.8	ug/L	100				70	117	
	1,2-Dichlorobenzene	50	47.8	ug/L	96				72	102	
	1,3-Dichlorobenzene	50	47	ug/L	94				71	103	
	1,4-Dichlorobenzene	50	46.6	ug/L	93				76	103	
	Benzyl Alcohol	50	50.4	ug/L	101		*		36	93	
	2-Methylphenol	50	49.8	ug/L	100				69	109	
	2,2-oxybis(1-Chloropropane)	50	50.3	ug/L	101		*		65	100	
	Acetophenone	50	47.3	ug/L	95				60	104	
	3+4-Methylphenols	50	49.2	ug/L	98				67	106	
	N-Nitroso-di-n-propylamine	50	47.8	ug/L	96				57	107	
	Hexachloroethane	50	46.8	ug/L	94				76	118	
	Nitrobenzene	50	45.8	ug/L	92				58	106	
	Isophorone	50	49.2	ug/L	98				61	102	
	2-Nitrophenol	50	50.8	ug/L	102				70	115	
	2,4-Dimethylphenol	50	63.3	ug/L	127				42	142	
	bis(2-Chloroethoxy)methane	50	48.3	ug/L	97				58	109	
	2,4-Dichlorophenol	50	50	ug/L	100				66	115	
	1,2,4-Trichlorobenzene	50	46	ug/L	92				41	115	
	Benzoic acid	50	41.1	ug/L	82				10	125	
	Naphthalene	50	48.2	ug/L	96				64	107	
	4-Chloroaniline	50	28	ug/L	56				10	85	
	Hexachlorobutadiene	50	46	ug/L	92				69	101	
	Caprolactam	50	51.6	ug/L	103				58	128	
	4-Chloro-3-methylphenol	50	50.2	ug/L	100				65	114	
	2-Methylnaphthalene	50	49.8	ug/L	100				64	107	
	Hexachlorocyclopentadiene	100	160	ug/L	160				36	160	
	2,4,6-Trichlorophenol	50	48.2	ug/L	96				61	110	
	2,4,5-Trichlorophenol	50	46.6	ug/L	93				70	106	
	1,1-Biphenyl	50	47.7	ug/L	95				72	98	
	2-Chloronaphthalene	50	46.9	ug/L	94				59	106	
	2-Nitroaniline	50	49.3	ug/L	99				73	114	
	Dimethylphthalate	50	49.2	ug/L	98				64	103	
	Acenaphthylene	50	51.6	ug/L	103				79	103	
	2,6-Dinitrotoluene	50	47.3	ug/L	95				64	110	
	3-Nitroaniline	50	32.4	ug/L	65				28	100	
	Acenaphthene	50	49.2	ug/L	98				59	113	
	Total PAH	800	802.8	ug/L	100				59	113	
	2,4-Dinitrophenol	100	87.3	ug/L	87				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112724**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165144BS	4-Nitrophenol	100	95.4	ug/L	95				45	147	
	Dibenzofuran	50	48.2	ug/L	96				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	96.4	ug/L	96				60	115	
	2,4-Dinitrotoluene	50	49.1	ug/L	98				60	115	
	Diethylphthalate	50	47.7	ug/L	95				63	105	
	4-Chlorophenyl-phenylether	50	48	ug/L	96				61	104	
	Fluorene	50	47.5	ug/L	95				64	107	
	4-Nitroaniline	50	48	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50	54.9	ug/L	110				62	132	
	N-Nitrosodiphenylamine	50	48.8	ug/L	98				61	109	
	Azobenzene	50	48.2	ug/L	96				59	106	
	4-Bromophenyl-phenylether	50	47.5	ug/L	95				73	103	
	Hexachlorobenzene	50	47.1	ug/L	94				73	106	
	Atrazine	50	57.6	ug/L	115				76	120	
	Pentachlorophenol	100	97.1	ug/L	97				47	114	
	Phenanthrene	50	49.7	ug/L	99				62	109	
	Anthracene	50	51.8	ug/L	104				65	110	
	Carbazole	50	49.9	ug/L	100				62	106	
	Di-n-butylphthalate	50	49.2	ug/L	98				64	106	
	Fluoranthene	50	50.7	ug/L	101				64	110	
	Benzidine	100	29.8	ug/L	30				10	94	
	Pyrene	50	46.7	ug/L	93				71	103	
	Butylbenzylphthalate	50	48.6	ug/L	97				61	105	
	3,3-Dichlorobenzidine	50	33	ug/L	66				43	108	
	Benzo(a)anthracene	50	50.5	ug/L	101				62	107	
	Chrysene	50	50.9	ug/L	102				61	108	
	bis(2-Ethylhexyl)phthalate	50	50.8	ug/L	102				59	110	
	Di-n-octyl phthalate	50	53.8	ug/L	108				52	139	
	Benzo(b)fluoranthene	50	51	ug/L	102				77	113	
	Benzo(k)fluoranthene	50	52.8	ug/L	106		*		77	105	
	Benzo(a)pyrene	50	54.8	ug/L	110				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.4	ug/L	101				72	105	
	Dibenz(a,h)anthracene	50	50.5	ug/L	101				78	115	
	Benzo(g,h,i)perylene	50	46.5	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.8	ug/L	94				72	101	
	1,4-Dioxane	50	42.9	ug/L	86				38	125	
	2,3,4,6-Tetrachlorophenol	50	52	ug/L	104				63	116	
	1-Methylnaphthalene	50	47.3	ug/L	95				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165255BS	n-Nitrosodimethylamine	1700	1600	ug/Kg	94				57	103	
	Pyridine	1700	1600	ug/Kg	94				28	98	
	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Aniline	1700	1700	ug/Kg	100				38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	2100	ug/Kg	124				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	1000	ug/Kg	59				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	5700	ug/Kg	173		*		45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	27300	ug/Kg	100				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165255BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	2000	ug/Kg	118				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1800	ug/Kg	106				57	107	
	Benzidine	3300	1300	ug/Kg	39				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	950	ug/Kg	56				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165269BS	n-Nitrosodimethylamine	50	46.2	ug/L	92				55	108	
	Pyridine	50	49.8	ug/L	100		*		29	97	
	Benzaldehyde	50	32.5	ug/L	65				10	162	
	Aniline	50	48.9	ug/L	98				10	130	
	Phenol	50	50.2	ug/L	100				66	118	
	bis(2-Chloroethyl)ether	50	48.8	ug/L	98				62	103	
	2-Chlorophenol	50	50.5	ug/L	101				70	117	
	1,2-Dichlorobenzene	50	47.8	ug/L	96				72	102	
	1,3-Dichlorobenzene	50	46.7	ug/L	93				71	103	
	1,4-Dichlorobenzene	50	46.3	ug/L	93				76	103	
	Benzyl Alcohol	50	51.3	ug/L	103		*		36	93	
	2-Methylphenol	50	49.5	ug/L	99				69	109	
	2,2-oxybis(1-Chloropropane)	50	50.5	ug/L	101		*		65	100	
	Acetophenone	50	46.8	ug/L	94				60	104	
	3+4-Methylphenols	50	50.3	ug/L	101				67	106	
	N-Nitroso-di-n-propylamine	50	48.4	ug/L	97				57	107	
	Hexachloroethane	50	46.5	ug/L	93				76	118	
	Nitrobenzene	50	45.8	ug/L	92				58	106	
	Isophorone	50	48.7	ug/L	97				61	102	
	2-Nitrophenol	50	50.4	ug/L	101				70	115	
	2,4-Dimethylphenol	50	62.8	ug/L	126				42	142	
	bis(2-Chloroethoxy)methane	50	48.5	ug/L	97				58	109	
	2,4-Dichlorophenol	50	49.8	ug/L	100				66	115	
	1,2,4-Trichlorobenzene	50	45.7	ug/L	91				41	115	
	Benzoic acid	50	40.6	ug/L	81				10	125	
	Naphthalene	50	47.4	ug/L	95				64	107	
	4-Chloroaniline	50	23.6	ug/L	47				10	85	
	Hexachlorobutadiene	50	45.7	ug/L	91				69	101	
	Caprolactam	50	51.8	ug/L	104				58	128	
	4-Chloro-3-methylphenol	50	49.9	ug/L	100				65	114	
	2-Methylnaphthalene	50	49.4	ug/L	99				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	48.4	ug/L	97				61	110	
	2,4,5-Trichlorophenol	50	48.3	ug/L	97				70	106	
	1,1-Biphenyl	50	48.5	ug/L	97				72	98	
	2-Chloronaphthalene	50	47.8	ug/L	96				59	106	
	2-Nitroaniline	50	50.1	ug/L	100				73	114	
	Dimethylphthalate	50	50.1	ug/L	100				64	103	
	Acenaphthylene	50	52.6	ug/L	105		*		79	103	
	2,6-Dinitrotoluene	50	48	ug/L	96				64	110	
	3-Nitroaniline	50	30.6	ug/L	61				28	100	
	Acenaphthene	50	50	ug/L	100				59	113	
	Total PAH	800	838.3	ug/L	105				59	113	
	2,4-Dinitrophenol	100	89	ug/L	89				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB165269BS	4-Nitrophenol	100	96.2	ug/L	96				45	147	
	Dibenzofuran	50	49.7	ug/L	99				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotc	100	98.1	ug/L	98				60	115	
	2,4-Dinitrotoluene	50	50.1	ug/L	100				60	115	
	Diethylphthalate	50	49.4	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	48.5	ug/L	97				61	104	
	Fluorene	50	48.5	ug/L	97				64	107	
	4-Nitroaniline	50	50	ug/L	100				55	125	
	4,6-Dinitro-2-methylphenol	50	53.7	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50	49.3	ug/L	99				61	109	
	Azobenzene	50	49.5	ug/L	99				59	106	
	4-Bromophenyl-phenylether	50	47.2	ug/L	94				73	103	
	Hexachlorobenzene	50	48.3	ug/L	97				73	106	
	Atrazine	50	57.6	ug/L	115				76	120	
	Pentachlorophenol	100	94.7	ug/L	95				47	114	
	Phenanthrene	50	50.7	ug/L	101				62	109	
	Anthracene	50	52.5	ug/L	105				65	110	
	Carbazole	50	50.4	ug/L	101				62	106	
	Di-n-butylphthalate	50	49.4	ug/L	99				64	106	
	Fluoranthene	50	51.6	ug/L	103				64	110	
	Benzidine	100	38.9	ug/L	39				10	94	
	Pyrene	50	46.9	ug/L	94				71	103	
	Butylbenzylphthalate	50	49.9	ug/L	100				61	105	
	3,3-Dichlorobenzidine	50	28.6	ug/L	57				43	108	
	Benzo(a)anthracene	50	51.1	ug/L	102				62	107	
	Chrysene	50	51.5	ug/L	103				61	108	
	bis(2-Ethylhexyl)phthalate	50	51.4	ug/L	103				59	110	
	Di-n-octyl phthalate	50	55.8	ug/L	112				52	139	
	Benzo(b)fluoranthene	50	54.6	ug/L	109				77	113	
	Benzo(k)fluoranthene	50	47.9	ug/L	96				77	105	
	Benzo(a)pyrene	50	55.1	ug/L	110				72	131	
	Indeno(1,2,3-cd)pyrene	50	65.4	ug/L	131		*		72	105	
	Dibenz(a,h)anthracene	50	64.5	ug/L	129		*		78	115	
	Benzo(g,h,i)perylene	50	48	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	48	ug/L	96				72	101	
	1,4-Dioxane	50	43.2	ug/L	86				38	125	
	2,3,4,6-Tetrachlorophenol	50	54.3	ug/L	109				63	116	
	1-Methylnaphthalene	50	46.9	ug/L	94				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165144BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112724

SAS No.: BF112724 SDG NO.: BF112724

Lab File ID: BF140659.D

Lab Sample ID: PB165144BS

Instrument ID: BNA_F

Date Extracted: 11/20/2024

Matrix: (soil/water) water

Date Analyzed: 11/27/2024

Level: (low/med) LOW

Time Analyzed: 10:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165144BS	PB165144BS	BF140659.D	11/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165255BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112724

SAS No.: BF112724 SDG NO.: BF112724

Lab File ID: BF140656.D

Lab Sample ID: PB165255BL

Instrument ID: BNA_F

Date Extracted: 11/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/27/2024

Level: (low/med) LOW

Time Analyzed: 09:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165255BS	PB165255BS	BF140657.D	11/27/2024
MH-740-WC	P4985-05	BF140675.D	11/27/2024
MH-756-WC	P4985-01	BF140667.D	11/27/2024
MH-756-WCMS	P4985-01MS	BF140668.D	11/27/2024
MH-756-WCMSD	P4985-01MSD	BF140669.D	11/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165269BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112724

SAS No.: BF112724 SDG NO.: BF112724

Lab File ID: BF140658.D

Lab Sample ID: PB165269BL

Instrument ID: BNA_F

Date Extracted: 11/26/2024

Matrix: (soil/water) water

Date Analyzed: 11/27/2024

Level: (low/med) LOW

Time Analyzed: 10:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-756-WC	P4985-04	BF140670.D	11/27/2024
MH-734	P4938-08	BF140671.D	11/27/2024
001	P4995-02	BF140672.D	11/27/2024
MH-745	P5000-04	BF140673.D	11/27/2024
MH-733	P5000-08	BF140674.D	11/27/2024
PB165159TB	PB165159TB	BF140660.D	11/27/2024
PB165269BS	PB165269BS	BF140661.D	11/27/2024
PB165252TB	PB165252TB	BF140662.D	11/27/2024
MH-740-WC	P4985-08	BF140663.D	11/27/2024
MH-732	P4938-04	BF140664.D	11/27/2024
MH-732MS	P4938-04MS	BF140665.D	11/27/2024
MH-732MSD	P4938-04MSD	BF140666.D	11/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

STOCK-PILE

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112724

SAS No.: BF112724 SDG NO.: BF112724

Lab File ID: BF140676.D

Lab Sample ID: P5005-01

Instrument ID: BNA_F

Date Extracted: 11/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/27/2024

Level: (low/med) LOW

Time Analyzed: 17:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
STOCK-PILE	P5005-01	BF140676.D	11/27/2024
STOCK-PILEMS	P5005-01MS	BF140677.D	11/27/2024
STOCK-PILEMSD	P5005-01MSD	BF140678.D	11/27/2024
EO-02-11262024	P5019-01	BF140679.D	11/27/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4938-04MS		Client Sample ID: MH-732MS		DataFile: BF140665.D							
n-Nitrosodimethylamine	500		470	ug/L	94				10	130	
Pyridine	500		280	ug/L	56				10	109	
Benzaldehyde	500		68.7	ug/L	14				10	137	
Aniline	500		130	ug/L	26				10	130	
Phenol	500		490	ug/L	98				10	130	
bis(2-Chloroethyl)ether	500		500	ug/L	100				29	141	
2-Chlorophenol	500		520	ug/L	104				23	127	
1,2-Dichlorobenzene	500		440	ug/L	88				61	114	
1,3-Dichlorobenzene	500		420	ug/L	84				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		450	ug/L	90				31	94	
2-Methylphenol	500		520	ug/L	104				37	126	
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98				36	141	
Acetophenone	500		490	ug/L	98				31	164	
3+4-Methylphenols	500		540	ug/L	108				31	127	
N-Nitroso-di-n-propylamine	500		520	ug/L	104				36	147	
Hexachloroethane	500		410	ug/L	82				49	110	
Nitrobenzene	500		460	ug/L	92				62	112	
Isophorone	500		520	ug/L	104				39	146	
2-Nitrophenol	500		510	ug/L	102				30	148	
2,4-Dimethylphenol	500		660	ug/L	132				17	143	
bis(2-Chloroethoxy)methane	500		500	ug/L	100				39	143	
2,4-Dichlorophenol	500		540	ug/L	108				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		550	ug/L	110	*			10	101	
Naphthalene	500		480	ug/L	96				17	157	
4-Chloroaniline	500		84.8	ug/L	17				10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500		500	ug/L	100				10	130	
4-Chloro-3-methylphenol	500		560	ug/L	112				17	148	
2-Methylnaphthalene	500		520	ug/L	104				38	146	
Hexachlorocyclopentadiene	1000		1700	ug/L	170	*			20	153	
2,4,6-Trichlorophenol	500		540	ug/L	108				78	112	
2,4,5-Trichlorophenol	500		540	ug/L	108				71	111	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		490	ug/L	98				41	145	
2-Nitroaniline	500		510	ug/L	102				39	151	
Dimethylphthalate	500		560	ug/L	112				42	147	
Acenaphthylene	500		550	ug/L	110				40	141	
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	
3-Nitroaniline	500		87.9	ug/L	18				10	111	
Acenaphthene	500		530	ug/L	106				37	146	
Total PAH	8000		9440	ug/L	118				37	146	
2,4-Dinitrophenol	1000		1200	ug/L	120				14	167	
4-Nitrophenol	1000		1000	ug/L	100				10	130	
Dibenzofuran	500		530	ug/L	106				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		540	ug/L	108				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1050	ug/L	105				50	142	
Diethylphthalate	500		550	ug/L	110				41	148	
4-Chlorophenyl-phenylether	500		540	ug/L	108				38	149	
Fluorene	500		530	ug/L	106				39	144	
4-Nitroaniline	500		280	ug/L	56				27	138	
4,6-Dinitro-2-methylphenol	500		630	ug/L	126				32	175	
N-Nitrosodiphenylamine	500		280	ug/L	56				40	150	
Azobenzene	500		510	ug/L	102				72	112	
4-Bromophenyl-phenylether	500		530	ug/L	106				42	151	
Hexachlorobenzene	500		520	ug/L	104				72	115	
Atrazine	500		130	ug/L	26				20	162	
Pentachlorophenol	1000		1200	ug/L	120				25	139	
Phenanthrene	500		540	ug/L	108				40	147	
Anthracene	500		570	ug/L	114				41	146	
Carbazole	500		280	ug/L	56				37	154	
Di-n-butylphthalate	500		580	ug/L	116				40	151	
Fluoranthene	500		540	ug/L	108				42	146	
Benzidine	1000		0	ug/L	0	*			10	130	
Pyrene	500		520	ug/L	104				41	149	
Butylbenzylphthalate	500		560	ug/L	112				39	155	
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	
Benzo(a)anthracene	500		550	ug/L	110				41	147	
Chrysene	500		540	ug/L	108				44	144	
bis(2-Ethylhexyl)phthalate	500		600	ug/L	120				33	160	
Di-n-octyl phthalate	500		640	ug/L	128				36	158	
Benzo(b)fluoranthene	500		690	ug/L	138				40	150	
Benzo(k)fluoranthene	500		700	ug/L	140				40	147	
Benzo(a)pyrene	500		710	ug/L	142				42	147	
Indeno(1,2,3-cd)pyrene	500		690	ug/L	138				30	166	
Dibenz(a,h)anthracene	500		710	ug/L	142				23	172	
Benzo(g,h,i)perylene	500		590	ug/L	118				27	167	
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98				89	102	
1,4-Dioxane	500		430	ug/L	86				38	130	
2,3,4,6-Tetrachlorophenol	500		630	ug/L	126	*			91	111	
1-Methylnaphthalene	500		500	ug/L	100				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4938-04MSD		Client Sample ID: MH-732MSD					DataFile: BF140666.D				
n-Nitrosodimethylamine	500		460	ug/L	92		2		10	130	20
Pyridine	500		310	ug/L	62		10		10	109	20
Benzaldehyde	500		70.2	ug/L	14		0		10	137	20
Aniline	500		130	ug/L	26		0		10	130	20
Phenol	500		490	ug/L	98		0		10	130	20
bis(2-Chloroethyl)ether	500		490	ug/L	98		2		29	141	20
2-Chlorophenol	500		520	ug/L	104		0		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		2		61	114	20
1,3-Dichlorobenzene	500		420	ug/L	84		0		65	106	20
1,4-Dichlorobenzene	500		420	ug/L	84		0		55	125	20
Benzyl Alcohol	500		440	ug/L	88		2		31	94	20
2-Methylphenol	500		530	ug/L	106		2		37	126	20
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100		2		36	141	20
Acetophenone	500		490	ug/L	98		0		31	164	20
3+4-Methylphenols	500		550	ug/L	110		2		31	127	20
N-Nitroso-di-n-propylamine	500		520	ug/L	104		0		36	147	20
Hexachloroethane	500		410	ug/L	82		0		49	110	20
Nitrobenzene	500		460	ug/L	92		0		62	112	20
Isophorone	500		520	ug/L	104		0		39	146	20
2-Nitrophenol	500		510	ug/L	102		0		30	148	20
2,4-Dimethylphenol	500		670	ug/L	134		2		17	143	20
bis(2-Chloroethoxy)methane	500		490	ug/L	98		2		39	143	20
2,4-Dichlorophenol	500		540	ug/L	108		0		22	146	20
1,2,4-Trichlorobenzene	500		440	ug/L	88		2		66	110	20
Benzoic acid	500		550	ug/L	110	*	0		10	101	20
Naphthalene	500		480	ug/L	96		0		17	157	20
4-Chloroaniline	500		69.6	ug/L	14		19		10	95	20
Hexachlorobutadiene	500		440	ug/L	88		2		52	125	20
Caprolactam	500		490	ug/L	98		2		10	130	20
4-Chloro-3-methylphenol	500		560	ug/L	112		0		17	148	20
2-Methylnaphthalene	500		520	ug/L	104		0		38	146	20
Hexachlorocyclopentadiene	1000		1700	ug/L	170	*	0		20	153	20
2,4,6-Trichlorophenol	500		540	ug/L	108		0		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		0		71	111	20
1,1-Biphenyl	500		510	ug/L	102		0		38	154	20
2-Chloronaphthalene	500		500	ug/L	100		2		41	145	20
2-Nitroaniline	500		520	ug/L	104		2		39	151	20
Dimethylphthalate	500		570	ug/L	114		2		42	147	20
Acenaphthylene	500		550	ug/L	110		0		40	141	20
2,6-Dinitrotoluene	500		520	ug/L	104		2		43	148	20
3-Nitroaniline	500		83.8	ug/L	17		6		10	111	20
Acenaphthene	500		530	ug/L	106		0		37	146	20
Total PAH	8000		9290	ug/L	116		2		37	146	20
2,4-Dinitrophenol	1000		1200	ug/L	120		0		14	167	20
4-Nitrophenol	1000		1000	ug/L	100		0		10	130	20
Dibenzofuran	500		530	ug/L	106		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		550	ug/L	110		2		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1070	ug/L	107		2		50	142	20
Diethylphthalate	500		560	ug/L	112		2		41	148	20
4-Chlorophenyl-phenylether	500		540	ug/L	108		0		38	149	20
Fluorene	500		540	ug/L	108		2		39	144	20
4-Nitroaniline	500		290	ug/L	58		4		27	138	20
4,6-Dinitro-2-methylphenol	500		650	ug/L	130		3		32	175	20
N-Nitrosodiphenylamine	500		290	ug/L	58		4		40	150	20
Azobenzene	500		520	ug/L	104		2		72	112	20
4-Bromophenyl-phenylether	500		530	ug/L	106		0		42	151	20
Hexachlorobenzene	500		510	ug/L	102		2		72	115	20
Atrazine	500		150	ug/L	30		14		20	162	20
Pentachlorophenol	1000		1300	ug/L	130		8		25	139	20
Phenanthrene	500		550	ug/L	110		2		40	147	20
Anthracene	500		570	ug/L	114		0		41	146	20
Carbazole	500		310	ug/L	62		10		37	154	20
Di-n-butylphthalate	500		570	ug/L	114		2		40	151	20
Fluoranthene	500		550	ug/L	110		2		42	146	20
Benzidine	1000		0	ug/L	0	*			10	130	20
Pyrene	500		520	ug/L	104		0		41	149	20
Butylbenzylphthalate	500		570	ug/L	114		2		39	155	20
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	20
Benzo(a)anthracene	500		550	ug/L	110		0		41	147	20
Chrysene	500		550	ug/L	110		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122		2		33	160	20
Di-n-octyl phthalate	500		670	ug/L	134		5		36	158	20
Benzo(b)fluoranthene	500		630	ug/L	126		9		40	150	20
Benzo(k)fluoranthene	500		740	ug/L	148	*	6		40	147	20
Benzo(a)pyrene	500		700	ug/L	140		1		42	147	20
Indeno(1,2,3-cd)pyrene	500		630	ug/L	126		9		30	166	20
Dibenz(a,h)anthracene	500		670	ug/L	134		6		23	172	20
Benzo(g,h,i)perylene	500		530	ug/L	106		11		27	167	20
1,2,4,5-Tetrachlorobenzene	500		490	ug/L	98		0		89	102	20
1,4-Dioxane	500		420	ug/L	84		2		38	130	20
2,3,4,6-Tetrachlorophenol	500		630	ug/L	126	*	0		91	111	20
1-Methylnaphthalene	500		490	ug/L	98		2		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4985-01MS		Client Sample ID: MH-756-WCMS		DataFile: BF140668.D							
n-Nitrosodimethylamine	1100		640	ug/Kg	58	*			66	124	
Pyridine	1100		660	ug/Kg	60				45	119	
Benzaldehyde	1100		440	ug/Kg	40				10	86	
Aniline	1100		670	ug/Kg	61				10	88	
Phenol	1100		730	ug/Kg	66	*			67	126	
bis(2-Chloroethyl)ether	1100		670	ug/Kg	61				54	125	
2-Chlorophenol	1100		700	ug/Kg	64	*			79	107	
1,2-Dichlorobenzene	1100		660	ug/Kg	60	*			61	105	
1,3-Dichlorobenzene	1100		650	ug/Kg	59	*			62	101	
1,4-Dichlorobenzene	1100		650	ug/Kg	59	*			63	104	
Benzyl Alcohol	1100		720	ug/Kg	65				47	126	
2-Methylphenol	1100		700	ug/Kg	64	*			66	122	
2,2-oxybis(1-Chloropropane)	1100		700	ug/Kg	64	*			65	110	
Acetophenone	1100		680	ug/Kg	62	*			75	111	
3+4-Methylphenols	1100		710	ug/Kg	65	*			66	104	
N-Nitroso-di-n-propylamine	1100		690	ug/Kg	63				59	119	
Hexachloroethane	1100		650	ug/Kg	59	*			65	117	
Nitrobenzene	1100		650	ug/Kg	59	*			70	119	
Isophorone	1100		710	ug/Kg	65	*			76	122	
2-Nitrophenol	1100		700	ug/Kg	64				54	145	
2,4-Dimethylphenol	1100		870	ug/Kg	79				44	135	
bis(2-Chloroethoxy)methane	1100		700	ug/Kg	64	*			68	112	
2,4-Dichlorophenol	1100		730	ug/Kg	66	*			72	118	
1,2,4-Trichlorobenzene	1100		650	ug/Kg	59				57	103	
Benzoic acid	1100		700	ug/Kg	64				50	104	
Naphthalene	1100		670	ug/Kg	61	*			72	110	
4-Chloroaniline	1100		290	ug/Kg	26				10	91	
Hexachlorobutadiene	1100		660	ug/Kg	60	*			66	114	
Caprolactam	1100		790	ug/Kg	72				51	134	
4-Chloro-3-methylphenol	1100		750	ug/Kg	68				57	132	
2-Methylnaphthalene	1100		720	ug/Kg	65				59	123	
Hexachlorocyclopentadiene	2300		2100	ug/Kg	91				10	175	
2,4,6-Trichlorophenol	1100		690	ug/Kg	63	*			72	117	
2,4,5-Trichlorophenol	1100		690	ug/Kg	63	*			72	117	
1,1-Biphenyl	1100		680	ug/Kg	62	*			75	113	
2-Chloronaphthalene	1100		660	ug/Kg	60	*			67	118	
2-Nitroaniline	1100		700	ug/Kg	64	*			69	127	
Dimethylphthalate	1100		710	ug/Kg	65	*			70	113	
Acenaphthylene	1100		730	ug/Kg	66	*			79	118	
2,6-Dinitrotoluene	1100		680	ug/Kg	62	*			70	125	
3-Nitroaniline	1100		480	ug/Kg	44				30	99	
Acenaphthene	1100		700	ug/Kg	64	*			70	121	
Total PAH	17600		11010	ug/Kg	63	*			70	121	
2,4-Dinitrophenol	2300		1500	ug/Kg	65				10	155	
4-Nitrophenol	2300		1500	ug/Kg	65				45	133	
Dibenzofuran	1100		700	ug/Kg	64	*			72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1390	ug/Kg	63				55	128	
2,4-Dinitrotoluene	1100		710	ug/Kg	65				55	128	
Diethylphthalate	1100		720	ug/Kg	65	*			70	112	
4-Chlorophenyl-phenylether	1100		720	ug/Kg	65	*			71	108	
Fluorene	1100		700	ug/Kg	64	*			68	116	
4-Nitroaniline	1100		710	ug/Kg	65				55	120	
4,6-Dinitro-2-methylphenol	1100		850	ug/Kg	77				10	160	
N-Nitrosodiphenylamine	1100		710	ug/Kg	65	*			73	118	
Azobenzene	1100		760	ug/Kg	69	*			73	110	
4-Bromophenyl-phenylether	1100		690	ug/Kg	63	*			65	121	
Hexachlorobenzene	1100		690	ug/Kg	63	*			67	118	
Atrazine	1100		850	ug/Kg	77	*			79	127	
Pentachlorophenol	2300		1400	ug/Kg	61				47	128	
Phenanthrene	1100		720	ug/Kg	65				52	128	
Anthracene	1100		750	ug/Kg	68				62	124	
Carbazole	1100		710	ug/Kg	65				59	119	
Di-n-butylphthalate	1100		740	ug/Kg	67	*			69	118	
Fluoranthene	1100		670	ug/Kg	61				44	125	
Benzydine	2300		220	ug/Kg	10				10	119	
Pyrene	1100		680	ug/Kg	62				26	142	
Butylbenzylphthalate	1100		710	ug/Kg	65				64	126	
3,3-Dichlorobenzidine	1100		500	ug/Kg	45				33	116	
Benzo(a)anthracene	1100		720	ug/Kg	65	*			71	114	
Chrysene	1100		710	ug/Kg	65				57	121	
bis(2-Ethylhexyl)phthalate	1100		730	ug/Kg	66				42	169	
Di-n-octyl phthalate	1100		860	ug/Kg	78				23	175	
Benzo(b)fluoranthene	1100		710	ug/Kg	65	*			67	121	
Benzo(k)fluoranthene	1100		690	ug/Kg	63				57	134	
Benzo(a)pyrene	1100		770	ug/Kg	70				70	142	
Indeno(1,2,3-cd)pyrene	1100		630	ug/Kg	57				40	129	
Dibenz(a,h)anthracene	1100		620	ug/Kg	56				43	123	
Benzo(g,h,i)perylene	1100		540	ug/Kg	49				24	125	
1,2,4,5-Tetrachlorobenzene	1100		660	ug/Kg	60	*			69	124	
1,4-Dioxane	1100		590	ug/Kg	54				46	112	
2,3,4,6-Tetrachlorophenol	1100		790	ug/Kg	72				69	112	
1-Methylnaphthalene	1100		680	ug/Kg	62	*			70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4985-01MSD		Client Sample ID: MH-756-WCMSD		DataFile: BF140669.D							
n-Nitrosodimethylamine	1100		700	ug/Kg	64	*	10		66	124	20
Pyridine	1100		740	ug/Kg	67		11		45	119	20
Benzaldehyde	1100		480	ug/Kg	44		10		10	86	20
Aniline	1100		770	ug/Kg	70		14		10	88	20
Phenol	1100		790	ug/Kg	72		9		67	126	20
bis(2-Chloroethyl)ether	1100		740	ug/Kg	67		9		54	125	20
2-Chlorophenol	1100		770	ug/Kg	70	*	9		79	107	20
1,2-Dichlorobenzene	1100		720	ug/Kg	65		8		61	105	20
1,3-Dichlorobenzene	1100		700	ug/Kg	64		8		62	101	20
1,4-Dichlorobenzene	1100		710	ug/Kg	65		10		63	104	20
Benzyl Alcohol	1100		780	ug/Kg	71		9		47	126	20
2-Methylphenol	1100		750	ug/Kg	68		6		66	122	20
2,2-oxybis(1-Chloropropane)	1100		770	ug/Kg	70		9		65	110	20
Acetophenone	1100		710	ug/Kg	65	*	5		75	111	20
3+4-Methylphenols	1100		770	ug/Kg	70		7		66	104	20
N-Nitroso-di-n-propylamine	1100		750	ug/Kg	68		8		59	119	20
Hexachloroethane	1100		700	ug/Kg	64	*	8		65	117	20
Nitrobenzene	1100		680	ug/Kg	62	*	5		70	119	20
Isophorone	1100		750	ug/Kg	68	*	5		76	122	20
2-Nitrophenol	1100		760	ug/Kg	69		8		54	145	20
2,4-Dimethylphenol	1100		920	ug/Kg	84		6		44	135	20
bis(2-Chloroethoxy)methane	1100		740	ug/Kg	67	*	5		68	112	20
2,4-Dichlorophenol	1100		770	ug/Kg	70	*	6		72	118	20
1,2,4-Trichlorobenzene	1100		700	ug/Kg	64		8		57	103	20
Benzoic acid	1100		740	ug/Kg	67		5		50	104	20
Naphthalene	1100		730	ug/Kg	66	*	8		72	110	20
4-Chloroaniline	1100		310	ug/Kg	28		7		10	91	20
Hexachlorobutadiene	1100		690	ug/Kg	63	*	5		66	114	20
Caprolactam	1100		830	ug/Kg	75		4		51	134	20
4-Chloro-3-methylphenol	1100		780	ug/Kg	71		4		57	132	20
2-Methylnaphthalene	1100		770	ug/Kg	70		7		59	123	20
Hexachlorocyclopentadiene	2300		2400	ug/Kg	104		13		10	175	20
2,4,6-Trichlorophenol	1100		750	ug/Kg	68	*	8		72	117	20
2,4,5-Trichlorophenol	1100		750	ug/Kg	68	*	8		72	117	20
1,1-Biphenyl	1100		730	ug/Kg	66	*	6		75	113	20
2-Chloronaphthalene	1100		720	ug/Kg	65	*	8		67	118	20
2-Nitroaniline	1100		750	ug/Kg	68	*	6		69	127	20
Dimethylphthalate	1100		770	ug/Kg	70		7		70	113	20
Acenaphthylene	1100		790	ug/Kg	72	*	9		79	118	20
2,6-Dinitrotoluene	1100		740	ug/Kg	67	*	8		70	125	20
3-Nitroaniline	1100		520	ug/Kg	47		7		30	99	20
Acenaphthene	1100		750	ug/Kg	68	*	6		70	121	20
Total PAH	17600		11750	ug/Kg	67	*	6		70	121	20
2,4-Dinitrophenol	2300		1600	ug/Kg	70		7		10	155	20
4-Nitrophenol	2300		1500	ug/Kg	65		0		45	133	20
Dibenzofuran	1100		750	ug/Kg	68	*	6		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1500	ug/Kg	68		8		55	128	20
2,4-Dinitrotoluene	1100		760	ug/Kg	69		6		55	128	20
Diethylphthalate	1100		770	ug/Kg	70		7		70	112	20
4-Chlorophenyl-phenylether	1100		760	ug/Kg	69	*	6		71	108	20
Fluorene	1100		750	ug/Kg	68		6		68	116	20
4-Nitroaniline	1100		750	ug/Kg	68		5		55	120	20
4,6-Dinitro-2-methylphenol	1100		910	ug/Kg	83		8		10	160	20
N-Nitrosodiphenylamine	1100		780	ug/Kg	71	*	9		73	118	20
Azobenzene	1100		810	ug/Kg	74		7		73	110	20
4-Bromophenyl-phenylether	1100		770	ug/Kg	70		11		65	121	20
Hexachlorobenzene	1100		740	ug/Kg	67		6		67	118	20
Atrazine	1100		920	ug/Kg	84		9		79	127	20
Pentachlorophenol	2300		1500	ug/Kg	65		6		47	128	20
Phenanthrene	1100		760	ug/Kg	69		6		52	128	20
Anthracene	1100		810	ug/Kg	74		8		62	124	20
Carbazole	1100		750	ug/Kg	68		5		59	119	20
Di-n-butylphthalate	1100		790	ug/Kg	72		7		69	118	20
Fluoranthene	1100		700	ug/Kg	64		5		44	125	20
Benzidine	2300		360	ug/Kg	16		46	*	10	119	20
Pyrene	1100		700	ug/Kg	64		3		26	142	20
Butylbenzylphthalate	1100		750	ug/Kg	68		5		64	126	20
3,3-Dichlorobenzidine	1100		550	ug/Kg	50		11		33	116	20
Benzo(a)anthracene	1100		780	ug/Kg	71		9		71	114	20
Chrysene	1100		780	ug/Kg	71		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		780	ug/Kg	71		7		42	169	20
Di-n-octyl phthalate	1100		940	ug/Kg	85		9		23	175	20
Benzo(b)fluoranthene	1100		780	ug/Kg	71		9		67	121	20
Benzo(k)fluoranthene	1100		740	ug/Kg	67		6		57	134	20
Benzo(a)pyrene	1100		820	ug/Kg	75		7		70	142	20
Indeno(1,2,3-cd)pyrene	1100		650	ug/Kg	59		3		40	129	20
Dibenz(a,h)anthracene	1100		650	ug/Kg	59		5		43	123	20
Benzo(g,h,i)perylene	1100		560	ug/Kg	51		4		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		730	ug/Kg	66	*	10		69	124	20
1,4-Dioxane	1100		640	ug/Kg	58		7		46	112	20
2,3,4,6-Tetrachlorophenol	1100		830	ug/Kg	75		4		69	112	20
1-Methylnaphthalene	1100		720	ug/Kg	65	*	5		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5005-01MS		Client Sample ID: STOCK-PILEMS		DataFile: BF140677.D							
n-Nitrosodimethylamine	1100	0	980	ug/Kg	89				66	124	
Pyridine	1100		890	ug/Kg	81				45	119	
Benzaldehyde	1100		660	ug/Kg	60				10	86	
Aniline	1100		860	ug/Kg	78				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				54	125	
2-Chlorophenol	1100		1100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100	0	1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1000	ug/Kg	91				66	122	
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100				65	110	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91				59	119	
Hexachloroethane	1100		980	ug/Kg	89				65	117	
Nitrobenzene	1100		990	ug/Kg	90				70	119	
Isophorone	1100		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100	0	1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		990	ug/Kg	90				57	103	
Benzoic acid	1100		930	ug/Kg	85				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		330	ug/Kg	30				10	91	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100	0	1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		2400	ug/Kg	104				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				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		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100	0	720	ug/Kg	65				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		17120	ug/Kg	97				70	121	
2,4-Dinitrophenol	2300		1700	ug/Kg	74				10	155	
4-Nitrophenol	2300		1800	ug/Kg	78				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2000	ug/Kg	91				55	128	
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		870	ug/Kg	79				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2300		2100	ug/Kg	91				47	128	
Phenanthrene	1100		1100	ug/Kg	100				52	128	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100	100	1100	ug/Kg	91				44	125	
Benzidine	2300		410	ug/Kg	18				10	119	
Pyrene	1100	77.3	1000	ug/Kg	84				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		740	ug/Kg	67				33	116	
Benzo(a)anthracene	1100	56.9	1100	ug/Kg	95				71	114	
Chrysene	1100	58.3	1100	ug/Kg	95				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	74.5	1100	ug/Kg	93				67	121	
Benzo(k)fluoranthene	1100		1200	ug/Kg	109				57	134	
Benzo(a)pyrene	1100	0	1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91				43	123	
Benzo(g,h,i)perylene	1100		920	ug/Kg	84				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		900	ug/Kg	82				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				69	112	
1-Methylnaphthalene	1100		990	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5005-01MSD	Client Sample ID:	STOCK-PILEMSD					DataFile:	BF140678.D		
n-Nitrosodimethylamine	1100		960	ug/Kg	87		2		66	124	20
Pyridine	1100		890	ug/Kg	81		0		45	119	20
Benzaldehyde	1100		630	ug/Kg	57		5		10	86	20
Aniline	1100		870	ug/Kg	79		1		10	88	20
Phenol	1100	0	1100	ug/Kg	100		0		67	126	20
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91		0		54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	1100		1000	ug/Kg	91		0		61	105	20
1,3-Dichlorobenzene	1100		980	ug/Kg	89		2		62	101	20
1,4-Dichlorobenzene	1100		980	ug/Kg	89		2		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1000	ug/Kg	91		9		65	110	20
Acetophenone	1100		990	ug/Kg	90		1		75	111	20
3+4-Methylphenols	1100		1000	ug/Kg	91		9		66	104	20
N-Nitroso-di-n-propylamine	1100		1000	ug/Kg	91		0		59	119	20
Hexachloroethane	1100		950	ug/Kg	86		3		65	117	20
Nitrobenzene	1100		960	ug/Kg	87		3		70	119	20
Isophorone	1100		1000	ug/Kg	91		9		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		9		54	145	20
2,4-Dimethylphenol	1100		1300	ug/Kg	118		0		44	135	20
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91		9		68	112	20
2,4-Dichlorophenol	1100		1000	ug/Kg	91		9		72	118	20
1,2,4-Trichlorobenzene	1100		960	ug/Kg	87		3		57	103	20
Benzoic acid	1100		940	ug/Kg	85		0		50	104	20
Naphthalene	1100		990	ug/Kg	90		1		72	110	20
4-Chloroaniline	1100		340	ug/Kg	31		3		10	91	20
Hexachlorobutadiene	1100		950	ug/Kg	86		6		66	114	20
Caprolactam	1100		1000	ug/Kg	91		9		51	134	20
4-Chloro-3-methylphenol	1100		980	ug/Kg	89		2		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		9		59	123	20
Hexachlorocyclopentadiene	2300		2100	ug/Kg	91		13		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1100		1000	ug/Kg	91		9		67	118	20
2-Nitroaniline	1100		1000	ug/Kg	91		9		69	127	20
Dimethylphthalate	1100		1100	ug/Kg	100		0		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1100		980	ug/Kg	89		2		70	125	20
3-Nitroaniline	1100		700	ug/Kg	64		2		30	99	20
Acenaphthene	1100		1000	ug/Kg	91		9		70	121	20
Total PAH	17600	0	16960	ug/Kg	96		1		70	121	20
2,4-Dinitrophenol	2300		1400	ug/Kg	61		19		10	155	20
4-Nitrophenol	2300		1800	ug/Kg	78		0		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1940	ug/Kg	88		3		55	128	20
2,4-Dinitrotoluene	1100		960	ug/Kg	87		4		55	128	20
Diethylphthalate	1100		1000	ug/Kg	91		9		70	112	20
4-Chlorophenyl-phenylether	1100		980	ug/Kg	89		2		71	108	20
Fluorene	1100		960	ug/Kg	87		4		68	116	20
4-Nitroaniline	1100		830	ug/Kg	75		5		55	120	20
4,6-Dinitro-2-methylphenol	1100		910	ug/Kg	83		19		10	160	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		0		73	118	20
Azobenzene	1100		1100	ug/Kg	100		9		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		9		67	118	20
Atrazine	1100		1300	ug/Kg	118		0		79	127	20
Pentachlorophenol	2300		2100	ug/Kg	91		0		47	128	20
Phenanthrene	1100		1100	ug/Kg	100		0		52	128	20
Anthracene	1100		1100	ug/Kg	100		0		62	124	20
Carbazole	1100		1000	ug/Kg	91		9		59	119	20
Di-n-butylphthalate	1100		1100	ug/Kg	100		0		69	118	20
Fluoranthene	1100	100	1100	ug/Kg	91		0		44	125	20
Benzidine	2300		600	ug/Kg	26		36	*	10	119	20
Pyrene	1100	77.3	1000	ug/Kg	84		0		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		890	ug/Kg	81		19		33	116	20
Benzo(a)anthracene	1100	56.9	1100	ug/Kg	95		0		71	114	20
Chrysene	1100	58.3	1100	ug/Kg	95		0		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	74.5	1100	ug/Kg	93		0		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		0		57	134	20
Benzo(a)pyrene	1100	0	1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91		0		40	129	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		0		43	123	20
Benzo(g,h,i)perylene	1100		910	ug/Kg	83		1		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		910	ug/Kg	83		1		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		9		69	112	20
1-Methylnaphthalene	1100		950	ug/Kg	86		5		70	130	20

Surrogate Summary

SW-846

SDG No.: BF112724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165144BS	PB165144BS	BF140659.D	2-Fluorophenol	150	137.29	92		10	139
			Phenol-d6	150	135.29	90		10	134
			Nitrobenzene-d5	100	92.88	93		49	133
			2-Fluorobiphenyl	100	91.65	92		52	132
			2,4,6-Tribromophenol	150	139.99	93		44	137
			Terphenyl-d14	100	91.75	92		48	125

Surrogate Summary

SW-846

SDG No.: **BF112724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4985-01	MH-756-WC	BF140667.D	2-Fluorophenol	150	102.99	69		18	112
			Phenol-d6	150	102.00	68		15	107
			Nitrobenzene-d5	100	69.13	69		18	107
			2-Fluorobiphenyl	100	68.68	69		20	109
			2,4,6-Tribromophenol	150	107.44	72		10	116
			Terphenyl-d14	100	67.13	67		10	105
P4985-01MS	MH-756-WCMS	BF140668.D	2-Fluorophenol	150	61.90	41		18	112
			Phenol-d6	150	62.18	41		15	107
			Nitrobenzene-d5	100	42.39	42		18	107
			2-Fluorobiphenyl	100	41.20	41		20	109
			2,4,6-Tribromophenol	150	66.83	45		10	116
			Terphenyl-d14	100	40.67	41		10	105
P4985-01MSD	MH-756-WCMSD	BF140669.D	2-Fluorophenol	150	66.96	45		18	112
			Phenol-d6	150	68.45	46		15	107
			Nitrobenzene-d5	100	45.56	46		18	107
			2-Fluorobiphenyl	100	44.25	44		20	109
			2,4,6-Tribromophenol	150	70.21	47		10	116
			Terphenyl-d14	100	41.45	41		10	105
P4985-05	MH-740-WC	BF140675.D	2-Fluorophenol	150	50.72	34		18	112
			Phenol-d6	150	50.72	34		15	107
			Nitrobenzene-d5	100	33.75	34		18	107
			2-Fluorobiphenyl	100	34.72	35		20	109
			2,4,6-Tribromophenol	150	47.48	32		10	116
			Terphenyl-d14	100	29.74	30		10	105
PB165255BL	PB165255BL	BF140656.D	2-Fluorophenol	150	137.69	92		18	112
			Phenol-d6	150	132.71	88		15	107
			Nitrobenzene-d5	100	87.79	88		18	107
			2-Fluorobiphenyl	100	88.89	89		20	109
			2,4,6-Tribromophenol	150	127.36	85		10	116
			Terphenyl-d14	100	85.64	86		10	105
PB165255BS	PB165255BS	BF140657.D	2-Fluorophenol	150	136.90	91		18	112
			Phenol-d6	150	132.65	88		15	107
			Nitrobenzene-d5	100	90.59	91		18	107
			2-Fluorobiphenyl	100	93.75	94		20	109
			2,4,6-Tribromophenol	150	142.12	95		10	116
			Terphenyl-d14	100	91.82	92		10	105

Surrogate Summary

SW-846

SDG No.: **BF112724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4938-04	MH-732	BF140664.D	2-Fluorophenol	150	147.08	98		10	139
			Phenol-d6	150	144.00	96		10	134
			Nitrobenzene-d5	100	97.27	97		49	133
			2-Fluorobiphenyl	100	93.71	94		52	132
			2,4,6-Tribromophenol	150	167.80	112		44	137
			Terphenyl-d14	100	88.52	89		48	125
P4938-04MS	MH-732MS	BF140665.D	2-Fluorophenol	150	147.36	98		10	139
			Phenol-d6	150	143.45	96		10	134
			Nitrobenzene-d5	100	101.61	102		49	133
			2-Fluorobiphenyl	100	100.32	100		52	132
			2,4,6-Tribromophenol	150	164.54	110		44	137
			Terphenyl-d14	100	100.80	101		48	125
P4938-04MSD	MH-732MSD	BF140666.D	2-Fluorophenol	150	147.42	98		10	139
			Phenol-d6	150	143.94	96		10	134
			Nitrobenzene-d5	100	99.82	100		49	133
			2-Fluorobiphenyl	100	99.46	99		52	132
			2,4,6-Tribromophenol	150	165.39	110		44	137
			Terphenyl-d14	100	100.66	101		48	125
P4938-08	MH-734	BF140671.D	2-Fluorophenol	150	147.99	99		10	139
			Phenol-d6	150	142.03	95		10	134
			Nitrobenzene-d5	100	96.95	97		49	133
			2-Fluorobiphenyl	100	95.73	96		52	132
			2,4,6-Tribromophenol	150	163.09	109		44	137
			Terphenyl-d14	100	104.51	105		48	125
P4985-04	MH-756-WC	BF140670.D	2-Fluorophenol	150	140.19	93		10	139
			Phenol-d6	150	135.90	91		10	134
			Nitrobenzene-d5	100	93.81	94		49	133
			2-Fluorobiphenyl	100	96.89	97		52	132
			2,4,6-Tribromophenol	150	154.12	103		44	137
			Terphenyl-d14	100	102.50	102		48	125
P4985-08	MH-740-WC	BF140663.D	2-Fluorophenol	150	139.58	93		10	139
			Phenol-d6	150	133.95	89		10	134
			Nitrobenzene-d5	100	93.71	94		49	133
			2-Fluorobiphenyl	100	95.88	96		52	132
			2,4,6-Tribromophenol	150	156.98	105		44	137
			Terphenyl-d14	100	86.91	87		48	125
P4995-02	001	BF140672.D	2-Fluorophenol	150	122.57	82		10	139
			Phenol-d6	150	111.43	74		10	134
			Nitrobenzene-d5	100	92.82	93		49	133
			2-Fluorobiphenyl	100	98.53	99		52	132
			2,4,6-Tribromophenol	150	155.94	104		44	137
			Terphenyl-d14	100	102.11	102		48	125
P5000-04	MH-745	BF140673.D	2-Fluorophenol	150	142.75	95		10	139
			Phenol-d6	150	136.43	91		10	134
			Nitrobenzene-d5	100	92.41	92		49	133
			2-Fluorobiphenyl	100	95.25	95		52	132
			2,4,6-Tribromophenol	150	163.95	109		44	137
			Terphenyl-d14	100	103.75	104		48	125
P5000-08	MH-733	BF140674.D	2-Fluorophenol	150	146.73	98		10	139

Surrogate Summary

SW-846

SDG No.: **BF112724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5000-08	MH-733	BF140674.D	Phenol-d6	150	138.27	92		10	134
			Nitrobenzene-d5	100	103.75	104		49	133
			2-Fluorobiphenyl	100	106.70	107		52	132
			2,4,6-Tribromophenol	150	172.18	115		44	137
			Terphenyl-d14	100	112.11	112		48	125
PB165159TB	PB165159TB	BF140660.D	2-Fluorophenol	150	146.57	98		10	139
			Phenol-d6	150	142.03	95		10	134
			Nitrobenzene-d5	100	98.59	99		49	133
			2-Fluorobiphenyl	100	99.35	99		52	132
			2,4,6-Tribromophenol	150	141.76	95		44	137
PB165252TB	PB165252TB	BF140662.D	Terphenyl-d14	100	97.47	97		48	125
			2-Fluorophenol	150	132.39	88		10	139
			Phenol-d6	150	128.39	86		10	134
			Nitrobenzene-d5	100	89.22	89		49	133
			2-Fluorobiphenyl	100	89.35	89		52	132
PB165269BL	PB165269BL	BF140658.D	2,4,6-Tribromophenol	150	124.27	83		44	137
			Terphenyl-d14	100	89.62	90		48	125
			2-Fluorophenol	150	132.89	89		10	139
			Phenol-d6	150	128.25	86		10	134
			Nitrobenzene-d5	100	88.21	88		49	133
PB165269BS	PB165269BS	BF140661.D	2-Fluorobiphenyl	100	90.20	90		52	132
			2,4,6-Tribromophenol	150	126.91	85		44	137
			Terphenyl-d14	100	88.62	89		48	125
			2-Fluorophenol	150	134.26	90		10	139
			Phenol-d6	150	132.06	88		10	134
			Nitrobenzene-d5	100	90.74	91		49	133
			2-Fluorobiphenyl	100	90.72	91		52	132
			2,4,6-Tribromophenol	150	139.46	93		44	137
			Terphenyl-d14	100	89.40	89		48	125

Surrogate Summary

SW-846

SDG No.: **BF112724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5005-01	STOCK-PILE	BF140676.D	2-Fluorophenol	150	111.06	74		18	112
			Phenol-d6	150	109.79	73		15	107
			Nitrobenzene-d5	100	73.59	74		18	107
			2-Fluorobiphenyl	100	75.28	75		20	109
			2,4,6-Tribromophenol	150	100.06	67		10	116
			Terphenyl-d14	100	65.00	65		10	105
P5005-01MS	STOCK-PILEMS	BF140677.D	2-Fluorophenol	150	109.31	73		18	112
			Phenol-d6	150	108.11	72		15	107
			Nitrobenzene-d5	100	74.19	74		18	107
			2-Fluorobiphenyl	100	76.40	76		20	109
			2,4,6-Tribromophenol	150	100.44	67		10	116
			Terphenyl-d14	100	68.30	68		10	105
P5005-01MSD	STOCK-PILEMSD	BF140678.D	2-Fluorophenol	150	105.31	70		18	112
			Phenol-d6	150	106.93	71		15	107
			Nitrobenzene-d5	100	71.69	72		18	107
			2-Fluorobiphenyl	100	74.74	75		20	109
			2,4,6-Tribromophenol	150	97.72	65		10	116
			Terphenyl-d14	100	68.57	69		10	105
P5019-01	EO-02-11262024	BF140679.D	2-Fluorophenol	150	57.88	39		18	112
			Phenol-d6	150	58.56	39		15	107
			Nitrobenzene-d5	100	40.82	41		18	107
			2-Fluorobiphenyl	100	48.53	49		20	109
			2,4,6-Tribromophenol	150	50.62	34		10	116
			Terphenyl-d14	100	44.39	44		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112724

Lab Code: CHEM

SAS No.: BF112724 SDG NO.: BF112724

Lab File ID: BF140654.D

DFTPP Injection Date: 11/27/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.4
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.4
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	6.7
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	96.2
443	15.0 - 24.0% of mass 442	17.7 (18.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140655.D	11/27/2024	08:47
PB165255BL	PB165255BL	BF140656.D	11/27/2024	09:13
PB165255BS	PB165255BS	BF140657.D	11/27/2024	09:38
PB165269BL	PB165269BL	BF140658.D	11/27/2024	10:05
PB165144BS	PB165144BS	BF140659.D	11/27/2024	10:30
PB165159TB	PB165159TB	BF140660.D	11/27/2024	10:56
PB165269BS	PB165269BS	BF140661.D	11/27/2024	11:22
PB165252TB	PB165252TB	BF140662.D	11/27/2024	11:48
MH-740-WC	P4985-08	BF140663.D	11/27/2024	12:19
MH-732	P4938-04	BF140664.D	11/27/2024	12:45
MH-732MS	P4938-04MS	BF140665.D	11/27/2024	13:11
MH-732MSD	P4938-04MSD	BF140666.D	11/27/2024	13:38
MH-756-WC	P4985-01	BF140667.D	11/27/2024	14:04
MH-756-WCMS	P4985-01MS	BF140668.D	11/27/2024	14:30
MH-756-WCMSD	P4985-01MSD	BF140669.D	11/27/2024	14:55
MH-756-WC	P4985-04	BF140670.D	11/27/2024	15:22
MH-734	P4938-08	BF140671.D	11/27/2024	15:48
001	P4995-02	BF140672.D	11/27/2024	16:14

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112724

Lab Code: CHEM

SAS No.: BF112724

SDG NO.: BF112724

Lab File ID: BF140654.D

DFTPP Injection Date: 11/27/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.4
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.4
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	6.7
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	96.2
443	15.0 - 24.0% of mass 442	17.7 (18.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
MH-745	P5000-04	BF140673.D	11/27/2024	16:40
MH-733	P5000-08	BF140674.D	11/27/2024	17:06
MH-740-WC	P4985-05	BF140675.D	11/27/2024	17:32
STOCK-PILE	P5005-01	BF140676.D	11/27/2024	17:58
STOCK-PILEMS	P5005-01MS	BF140677.D	11/27/2024	18:24
STOCK-PILEMSD	P5005-01MSD	BF140678.D	11/27/2024	18:50
EO-02-11262024	P5019-01	BF140679.D	11/27/2024	19:16