

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG No.: BF112624

Instrument ID: BNA_F Calibration Date/Time: 11/26/2024 : 09:35

Lab File ID: BF140629.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	0.584		-8.32	
Pyridine	1.084	1.189		9.686	
2-Fluorophenol	1.172	1.147		-2.133	
Benzaldehyde	0.820	0.758		-7.561	
Aniline	1.091	1.316		20.623	
Phenol-d6	1.550	1.512		-2.452	
Phenol	1.583	1.584		0.063	20.0
bis(2-Chloroethyl) ether	1.211	1.200		-0.908	
2-Chlorophenol	1.261	1.226		-2.776	
1,2-Dichlorobenzene	1.344	1.311		-2.455	
1,3-Dichlorobenzene	1.417	1.400		-1.2	
1,4-Dichlorobenzene	1.435	1.397		-2.648	20.0
Benzyl Alcohol	1.149	1.117		-2.785	
2-Methylphenol	1.010	1.003		-0.693	
2,2-oxybis(1-Chloropropane)	1.431	1.458		1.887	
Acetophenone	0.488	0.460		-5.738	
3+4-Methylphenols	1.298	1.257		-3.159	
n-Nitroso-di-n-propylamine	0.916	0.884	0.050	-3.493	
Nitrobenzene-d5	0.391	0.378		-3.325	
Hexachloroethane	0.536	0.516		-3.731	
Nitrobenzene	0.404	0.393		-2.723	
Isophorone	0.652	0.635		-2.607	
2-Nitrophenol	0.179	0.183		2.235	20.0
2,4-Dimethylphenol	0.214	0.228		6.542	
bis(2-Chloroethoxy) methane	0.397	0.396		-0.252	
2,4-Dichlorophenol	0.284	0.283		-0.352	20.0
1,2,4-Trichlorobenzene	0.324	0.313		-3.395	
Benzoic acid	0.164	0.173		5.488	
Naphthalene	1.030	1.008		-2.136	
4-Chloroaniline	0.308	0.341		10.714	
Hexachlorobutadiene	0.215	0.206		-4.186	20.0
Caprolactam	0.088	0.090		2.273	
4-Chloro-3-methylphenol	0.318	0.314		-1.258	20.0
2-Methylnaphthalene	0.654	0.644		-1.529	
Hexachlorocyclopentadiene	0.107	0.095	0.050	-11.215	
2,4,6-Trichlorophenol	0.367	0.356		-2.997	20.0
2-Fluorobiphenyl	1.342	1.257		-6.334	
2,4,5-Trichlorophenol	0.399	0.404		1.253	
1,1-Biphenyl	1.493	1.436		-3.818	

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Lab File ID: BF140629.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.131	1.097		-3.006	
2-Nitroaniline	0.363	0.346		-4.683	
Dimethylphthalate	1.317	1.270		-3.569	
Acenaphthylene	1.710	1.659		-2.982	
2,6-Dinitrotoluene	0.299	0.292		-2.341	
3-Nitroaniline	0.292	0.303		3.767	
Acenaphthene	1.086	1.044		-3.867	20.0
2,4-Dinitrophenol	0.122	0.136	0.050	11.475	
4-Nitrophenol	0.199	0.189	0.050	-5.025	
Dibenzofuran	1.657	1.584		-4.406	
2,4-Dinitrotoluene	0.397	0.395		-0.504	
Diethylphthalate	1.338	1.307		-2.317	
4-Chlorophenyl-phenylether	0.653	0.621		-4.9	
Fluorene	1.330	1.280		-3.759	
4-Nitroaniline	0.306	0.306		0.0	
4,6-Dinitro-2-methylphenol	0.102	0.112		9.804	
n-Nitrosodiphenylamine	0.591	0.583		-1.354	20.0
Azobenzene	1.267	1.239		-2.21	
2,4,6-Tribromophenol	0.214	0.207		-3.271	
4-Bromophenyl-phenylether	0.206	0.205		-0.485	
Hexachlorobenzene	0.238	0.232		-2.521	
Atrazine	0.166	0.163		-1.807	
Pentachlorophenol	0.105	0.112		6.667	20.0
Phenanthrene	0.961	0.928		-3.434	
Anthracene	0.940	0.926		-1.489	
Carbazole	0.905	0.893		-1.326	
Di-n-butylphthalate	1.044	1.063		1.82	
Fluoranthene	1.044	1.033		-1.054	20.0
Benzidine	0.581	0.610		4.991	
Pyrene	1.849	1.845		-0.216	
Terphenyl-d14	1.284	1.263		-1.636	
Butylbenzylphthalate	0.666	0.715		7.357	
3,3-Dichlorobenzidine	0.397	0.400		0.756	
Benzo(a)anthracene	1.324	1.340		1.208	
Chrysene	1.211	1.144		-5.533	
Bis(2-ethylhexyl)phthalate	0.841	0.933		10.939	
Di-n-octyl phthalate	1.150	1.287		11.913	20.0
Benzo(b)fluoranthene	1.256	1.211		-3.583	
Benzo(k)fluoranthene	1.099	1.084		-1.365	

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Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG No.: BF112624

Instrument ID: BNA_F Calibration Date/Time: 11/26/2024 : 09:35

Lab File ID: BF140629.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	1.002		-1.861	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.258		-3.454	
Dibenzo(a,h)anthracene	1.067	1.035		-2.999	
Benzo(g,h,i)perylene	1.089	1.065		-2.204	
1,2,4,5-Tetrachlorobenzene	0.586	0.557		-4.949	
1,4-Dioxane	0.493	0.492		-0.203	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.310		1.307	
1-Methylnaphthalene	0.641	0.628		-2.028	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BL	SDG No.:	BF112624
Lab Sample ID:	PB165203BL	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
BF140630.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

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:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BL	SDG No.:	BF112624
Lab Sample ID:	PB165203BL	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
BF140630.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

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:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BL	SDG No.:	BF112624
Lab Sample ID:	PB165203BL	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
BF140630.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

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	132.468		10-139		88	SPK: -150
13127-88-3	Phenol-d6	132.685		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	91.078		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.299		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BL	SDG No.:	BF112624
Lab Sample ID:	PB165203BL	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
BF140630.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	133.123		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	89.682		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110120	6.869				
1146-65-2	Naphthalene-d8	416843	8.151				
15067-26-2	Acenaphthene-d10	238677	9.91				
1517-22-2	Phenanthrene-d10	464882	11.398				
1719-03-5	Chrysene-d12	288723	14.045				
1520-96-3	Perylene-d12	217803	15.545				

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BS	SDG No.:	BF112624
Lab Sample ID:	PB165203BS	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
BF140631.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.9		1	8	10	ug/L
110-86-1	Pyridine	50.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	36.5		4	8	10	ug/L
62-53-3	Aniline	59.8		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	50.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.4		1.4	4	5	ug/L
98-86-2	Acetophenone	45.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.9		1	4	5	ug/L
98-95-3	Nitrobenzene	44.4		1.3	4	5	ug/L
78-59-1	Isophorone	49		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	61.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	44.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.7		5.5	8	10	ug/L
91-20-3	Naphthalene	46.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	37		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BS	SDG No.:	BF112624
Lab Sample ID:	PB165203BS	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
BF140631.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.1		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	46.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	46.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.4		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.6		0.81	4	5	ug/L
Total PAH	Total PAH	784.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	89.7	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	95.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	91.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	45.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.2		0.98	4	5	ug/L
86-73-7	Fluorene	46.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.2		0.89	4	5	ug/L
103-33-3	Azobenzene	48		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.1		1.1	4	5	ug/L
1912-24-9	Atrazine	58.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BS	SDG No.:	BF112624
Lab Sample ID:	PB165203BS	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
BF140631.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	49		0.89	4	5	ug/L
120-12-7	Anthracene	51.6		1.1	4	5	ug/L
86-74-8	Carbazole	48.2		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	50.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.6		1.3	4	5	ug/L
92-87-5	Benzidine	47.1		4.1	8	10	ug/L
129-00-0	Pyrene	49.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	53.1		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.4		0.94	4	5	ug/L
218-01-9	Chrysene	50.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	57.9		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.7		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.1		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	43.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	138.553		10-139		92	SPK: -150
13127-88-3	Phenol-d6	135.214		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	90.898		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.116		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BS	SDG No.:	BF112624
Lab Sample ID:	PB165203BS	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
BF140631.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.797		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	97.307		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112733	6.869				
1146-65-2	Naphthalene-d8	437990	8.151				
15067-26-2	Acenaphthene-d10	246749	9.91				
1517-22-2	Phenanthrene-d10	453806	11.404				
1719-03-5	Chrysene-d12	253441	14.051				
1520-96-3	Perylene-d12	212014	15.539				

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165185BL	SDG No.:	BF112624
Lab Sample ID:	PB165185BL	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
BF140632.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

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

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165185BL	SDG No.:	BF112624
Lab Sample ID:	PB165185BL	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
BF140632.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

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

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165185BL	SDG No.:	BF112624
Lab Sample ID:	PB165185BL	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
BF140632.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.197		18-112		91	SPK: -150
13127-88-3	Phenol-d6	132.385		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	89.916		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.934		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165185BL	SDG No.:	BF112624
Lab Sample ID:	PB165185BL	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
BF140632.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.193		10-116		87	SPK: -150
1718-51-0	Terphenyl-d14	90.181		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105126	6.869				
1146-65-2	Naphthalene-d8	399880	8.151				
15067-26-2	Acenaphthene-d10	228462	9.904				
1517-22-2	Phenanthrene-d10	446549	11.398				
1719-03-5	Chrysene-d12	276414	14.045				
1520-96-3	Perylene-d12	209172	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	78.3	J			2.234	

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BSD	SDG No.:	BF112624
Lab Sample ID:	PB165203BSD	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
BF140633.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.8		1	8	10	ug/L
110-86-1	Pyridine	50.4		1.6	4	5	ug/L
100-52-7	Benzaldehyde	36.6		4	8	10	ug/L
62-53-3	Aniline	59.4		1.6	4	5	ug/L
108-95-2	Phenol	49.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.5		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)	52.3		1.4	4	5	ug/L
98-86-2	Acetophenone	46.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.3		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.7		1	4	5	ug/L
98-95-3	Nitrobenzene	45.7		1.3	4	5	ug/L
78-59-1	Isophorone	49.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.4		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	46		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.5		5.5	8	10	ug/L
91-20-3	Naphthalene	47.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	31.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BSD	SDG No.:	BF112624
Lab Sample ID:	PB165203BSD	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
BF140633.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	51.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	47.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	46.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	50.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33		1.4	4	5	ug/L
83-32-9	Acenaphthene	47.5		0.81	4	5	ug/L
Total PAH	Total PAH	791.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	89.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	96.8	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	94.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	47.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	47.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.4		0.98	4	5	ug/L
86-73-7	Fluorene	45.9		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.7		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.8		0.89	4	5	ug/L
103-33-3	Azobenzene	48.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.2		1.1	4	5	ug/L
1912-24-9	Atrazine	57.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BSD	SDG No.:	BF112624
Lab Sample ID:	PB165203BSD	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
BF140633.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	48.9		0.89	4	5	ug/L
120-12-7	Anthracene	50.9		1.1	4	5	ug/L
86-74-8	Carbazole	49.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	50.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.4		1.3	4	5	ug/L
92-87-5	Benzidine	48.1		4.1	8	10	ug/L
129-00-0	Pyrene	49.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	53.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	51.1		0.94	4	5	ug/L
218-01-9	Chrysene	50.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	59		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.2		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.1		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	42.6		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.5		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.4		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.211		10-139		91	SPK: -150
13127-88-3	Phenol-d6	136.506		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	93.096		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	89.775		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	PB165203BSD	SDG No.:	BF112624
Lab Sample ID:	PB165203BSD	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
BF140633.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165203

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	137.984		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	98.787		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107882	6.869				
1146-65-2	Naphthalene-d8	407913	8.151				
15067-26-2	Acenaphthene-d10	232317	9.91				
1517-22-2	Phenanthrene-d10	432267	11.404				
1719-03-5	Chrysene-d12	245754	14.051				
1520-96-3	Perylene-d12	204825	15.539				

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW2	SDG No.:	BF112624
Lab Sample ID:	P4960-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140634.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.4	U	96.4	300	370	ug/Kg
110-86-1	Pyridine	88.7	U	88.7	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.1	U	92.1	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.9	U	92.9	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.7	U	92.7	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.9	U	93.9	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.5	U	95.5	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.1	U	96.1	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.2	U	92.2	300	370	ug/Kg
95-48-7	2-Methylphenol	89.5	U	89.5	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.5	U	96.5	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.6	U	88.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.8	U	44.8	88.8	88.8	ug/Kg
67-72-1	Hexachloroethane	92.2	U	92.2	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.9	U	93.9	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.3	U	95.3	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.8	U	83.8	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.8	U	94.8	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.7	U	91.7	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.7	U	91.7	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.5	U	92.5	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW2	SDG No.:	BF112624
Lab Sample ID:	P4960-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140634.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.4	U	96.4	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.1	U	86.1	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.6	U	91.6	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.3	U	79.3	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.2	U	82.2	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.1	U	97.1	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.5	U	92.5	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.7	U	90.7	140	190	ug/Kg
208-96-8	Acenaphthylene	96.1	U	96.1	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.4	U	92.4	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.1	U	99.1	140	190	ug/Kg
83-32-9	Acenaphthene	90.1	U	90.1	140	190	ug/Kg
Total PAH	Total PAH	1468.3	U	1468.3	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.7	U	93.7	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.7	U	95.7	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	188.1	U	188.1	140	380	ug/Kg
84-66-2	Diethylphthalate	89	U	89	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.1	U	95.1	140	190	ug/Kg
86-73-7	Fluorene	94.9	U	94.9	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.6	U	90.6	140	190	ug/Kg
103-33-3	Azobenzene	88.4	U	88.4	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.6	U	87.6	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.4	U	94.4	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW2	SDG No.:	BF112624
Lab Sample ID:	P4960-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140634.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.8	U	85.8	300	370	ug/Kg
85-01-8	Phenanthrene	93.3	U	93.3	140	190	ug/Kg
120-12-7	Anthracene	93.7	U	93.7	140	190	ug/Kg
86-74-8	Carbazole	89.2	U	89.2	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.6	U	93.6	140	190	ug/Kg
206-44-0	Fluoranthene	90.7	U	90.7	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92.2	U	92.2	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.6	U	89.6	140	190	ug/Kg
218-01-9	Chrysene	88.3	U	88.3	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.1	U	90.1	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.7	U	91.7	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.7	U	86.7	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.2	U	90.2	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89	U	89	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.4	U	96.4	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83	U	83	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.4	U	92.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.067		18-112		70	SPK: -150
13127-88-3	Phenol-d6	103.196		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	69.577		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	69.905		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW2	SDG No.:	BF112624
Lab Sample ID:	P4960-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140634.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.236		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	74.396		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87953	6.869				
1146-65-2	Naphthalene-d8	330346	8.151				
15067-26-2	Acenaphthene-d10	179774	9.904				
1517-22-2	Phenanthrene-d10	329307	11.398				
1719-03-5	Chrysene-d12	164232	14.045				
1520-96-3	Perylene-d12	173350	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.146	
000119-61-9	Benzophenone	350	J			10.622	
000057-10-3	n-Hexadecanoic acid	520	J			11.916	
000057-11-4	Octadecanoic acid	140	J			12.704	
000629-94-7	Heneicosane	110	J			13.392	
007683-64-9	Supraene	470	J			13.522	
015594-90-8	1-Heneicosanol	200	J			13.88	
000112-95-8	Eicosane	91.1	J			14.545	
000083-46-5	.beta.-Sitosterol	150	J			16.709	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW4	SDG No.:	BF112624
Lab Sample ID:	P4960-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
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
BF140635.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.9	U	89.9	280	340	ug/Kg
110-86-1	Pyridine	82.7	U	82.7	130	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	100	U	100	130	180	ug/Kg
108-95-2	Phenol	85.8	U	85.8	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.6	U	86.6	130	180	ug/Kg
95-57-8	2-Chlorophenol	86.4	U	86.4	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.6	U	87.6	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	89	U	89	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.5	U	89.5	130	180	ug/Kg
100-51-6	Benzyl Alcohol	85.9	U	85.9	280	340	ug/Kg
95-48-7	2-Methylphenol	83.4	U	83.4	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94.1	U	94.1	130	180	ug/Kg
98-86-2	Acetophenone	90	U	90	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.6	U	82.6	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.7	U	41.7	82.8	82.8	ug/Kg
67-72-1	Hexachloroethane	85.9	U	85.9	130	180	ug/Kg
98-95-3	Nitrobenzene	94	U	94	130	180	ug/Kg
78-59-1	Isophorone	87.6	U	87.6	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.8	U	97.8	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.5	U	96.5	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.8	U	88.8	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	78.2	U	78.2	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.4	U	88.4	130	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	340	ug/Kg
91-20-3	Naphthalene	85.5	U	85.5	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.5	U	85.5	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	86.2	U	86.2	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW4	SDG No.:	BF112624
Lab Sample ID:	P4960-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
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
BF140635.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.9	U	89.9	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80.2	U	80.2	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.4	U	85.4	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.9	U	73.9	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.6	U	76.6	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.5	U	90.5	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	86.2	U	86.2	130	180	ug/Kg
88-74-4	2-Nitroaniline	98.3	U	98.3	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.6	U	84.6	130	180	ug/Kg
208-96-8	Acenaphthylene	89.5	U	89.5	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	86.1	U	86.1	130	180	ug/Kg
99-09-2	3-Nitroaniline	92.3	U	92.3	130	180	ug/Kg
83-32-9	Acenaphthene	84	U	84	130	180	ug/Kg
Total PAH	Total PAH	1371.9	U	1371.9	130	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	87.4	U	87.4	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	75.3	U	175.3	130	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	89.2	U	89.2	130	180	ug/Kg
84-66-2	Diethylphthalate	82.9	U	82.9	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.6	U	88.6	130	180	ug/Kg
86-73-7	Fluorene	88.5	U	88.5	130	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	84.5	U	84.5	130	180	ug/Kg
103-33-3	Azobenzene	82.4	U	82.4	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.7	U	81.7	130	180	ug/Kg
118-74-1	Hexachlorobenzene	88	U	88	130	180	ug/Kg
1912-24-9	Atrazine	94.6	U	94.6	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW4	SDG No.:	BF112624
Lab Sample ID:	P4960-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
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
BF140635.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80	U	80	280	340	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	180	ug/Kg
120-12-7	Anthracene	87.4	U	87.4	130	180	ug/Kg
86-74-8	Carbazole	83.1	U	83.1	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	87.3	U	87.3	130	180	ug/Kg
206-44-0	Fluoranthene	84.6	U	84.6	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85.9	U	85.9	130	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.5	U	83.5	130	180	ug/Kg
218-01-9	Chrysene	82.3	U	82.3	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	94.2	U	94.2	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	U	84	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.5	U	85.5	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	96.3	U	96.3	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.9	U	80.9	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.1	U	84.1	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.9	U	82.9	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.9	U	89.9	130	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77.3	U	77.3	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	86.1	U	86.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.581		18-112		63	SPK: -150
13127-88-3	Phenol-d6	91.611		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	62.941		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	66.236		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW4	SDG No.:	BF112624
Lab Sample ID:	P4960-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.5
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
BF140635.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.387		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	69.193		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73570	6.869				
1146-65-2	Naphthalene-d8	274159	8.151				
15067-26-2	Acenaphthene-d10	145852	9.904				
1517-22-2	Phenanthrene-d10	265820	11.398				
1719-03-5	Chrysene-d12	148565	14.045				
1520-96-3	Perylene-d12	141430	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			10.616	
000057-10-3	n-Hexadecanoic acid	160	J			11.916	
010192-32-2	1-Tetracosene	200	J			13.874	
	unknown14.757	99	J			14.757	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	B2	SDG No.:	BF112624
Lab Sample ID:	P4960-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140636.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.7	U	92.7	290	350	ug/Kg
110-86-1	Pyridine	85.3	U	85.3	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	88.5	U	88.5	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.4	U	89.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.2	U	89.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.3	U	90.3	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.8	U	91.8	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	92.4	U	92.4	140	180	ug/Kg
100-51-6	Benzyl Alcohol	88.6	U	88.6	290	350	ug/Kg
95-48-7	2-Methylphenol	86.1	U	86.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.1	U	97.1	140	180	ug/Kg
98-86-2	Acetophenone	92.8	U	92.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.2	U	85.2	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43	U	43	85.4	85.4	ug/Kg
67-72-1	Hexachloroethane	88.6	U	88.6	140	180	ug/Kg
98-95-3	Nitrobenzene	96.9	U	96.9	140	180	ug/Kg
78-59-1	Isophorone	90.3	U	90.3	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.6	U	91.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.6	U	80.6	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.2	U	91.2	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	88.2	U	88.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.2	U	88.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.9	U	88.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	B2	SDG No.:	BF112624
Lab Sample ID:	P4960-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140636.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92.7	U	92.7	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.7	U	82.7	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.1	U	88.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.2	U	76.2	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	140	180	ug/Kg
92-52-4	1,1-Biphenyl	93.3	U	93.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.9	U	88.9	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	87.2	U	87.2	140	180	ug/Kg
208-96-8	Acenaphthylene	92.4	U	92.4	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.8	U	88.8	140	180	ug/Kg
99-09-2	3-Nitroaniline	95.2	U	95.2	140	180	ug/Kg
83-32-9	Acenaphthene	86.6	U	86.6	140	180	ug/Kg
Total PAH	Total PAH	1414.9	U	1414.9	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	90.1	U	90.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	80.8	U	180.8	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	92	U	92	140	180	ug/Kg
84-66-2	Diethylphthalate	85.5	U	85.5	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.4	U	91.4	140	180	ug/Kg
86-73-7	Fluorene	91.3	U	91.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.1	U	87.1	140	180	ug/Kg
103-33-3	Azobenzene	85	U	85	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.2	U	84.2	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90.8	U	90.8	140	180	ug/Kg
1912-24-9	Atrazine	97.6	U	97.6	140	180	ug/Kg

Report of Analysis

Client:			Date Collected:	11/21/2024 12:00:00 AM	
Project:			Date Received:	11/21/2024 12:00:00 AM	
Client Sample ID:	B2		SDG No.:	BF112624	
Lab Sample ID:	P4960-02		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	6.4	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140636.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.5	U	82.5	290	350	ug/Kg
85-01-8	Phenanthrene	89.7	U	89.7	140	180	ug/Kg
120-12-7	Anthracene	90.1	U	90.1	140	180	ug/Kg
86-74-8	Carbazole	85.7	U	85.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	140	180	ug/Kg
206-44-0	Fluoranthene	87.2	U	87.2	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	88.6	U	88.6	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	86.2	U	86.2	140	180	ug/Kg
218-01-9	Chrysene	84.9	U	84.9	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.2	U	97.2	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	86.6	U	86.6	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.2	U	88.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	99.3	U	99.3	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83.4	U	83.4	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.7	U	86.7	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	85.5	U	85.5	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.7	U	92.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.8	U	79.8	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.8	U	88.8	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.809		18-112		61	SPK: -150
13127-88-3	Phenol-d6	91.027		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	61.249		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	62.518		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	B2	SDG No.:	BF112624
Lab Sample ID:	P4960-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140636.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.281		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	63.53		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80593	6.869				
1146-65-2	Naphthalene-d8	316931	8.151				
15067-26-2	Acenaphthene-d10	169233	9.904				
1517-22-2	Phenanthrene-d10	307469	11.398				
1719-03-5	Chrysene-d12	164786	14.045				
1520-96-3	Perylene-d12	164960	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.14	
000119-61-9	Benzophenone	230	J			10.622	
000057-10-3	n-Hexadecanoic acid	150	J			11.916	
015594-90-8	1-Heneicosanol	180	J			13.874	

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.:	BF112624
Lab Sample ID:	P5000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140637.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.8	U	62.8	200	240	ug/Kg
110-86-1	Pyridine	57.9	U	57.9	94.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.2	U	70.2	94.1	120	ug/Kg
108-95-2	Phenol	60	U	60	94.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.6	U	60.6	94.1	120	ug/Kg
95-57-8	2-Chlorophenol	60.5	U	60.5	94.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.3	U	61.3	94.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.3	U	62.3	94.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62.6	U	62.6	94.1	120	ug/Kg
100-51-6	Benzyl Alcohol	60.1	U	60.1	200	240	ug/Kg
95-48-7	2-Methylphenol	58.4	U	58.4	94.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.8	U	65.8	94.1	120	ug/Kg
98-86-2	Acetophenone	62.9	U	62.9	94.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.8	U	57.8	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.2	U	29.2	57.9	57.9	ug/Kg
67-72-1	Hexachloroethane	60.1	U	60.1	94.1	120	ug/Kg
98-95-3	Nitrobenzene	65.7	U	65.7	94.1	120	ug/Kg
78-59-1	Isophorone	61.3	U	61.3	94.1	120	ug/Kg
88-75-5	2-Nitrophenol	68.4	U	68.4	94.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.5	U	67.5	94.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.1	U	62.1	94.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.7	U	54.7	94.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.8	U	61.8	94.1	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	59.8	U	59.8	94.1	120	ug/Kg
106-47-8	4-Chloroaniline	59.8	U	59.8	94.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.3	U	60.3	94.1	120	ug/Kg

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.:	BF112624
Lab Sample ID:	P5000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140637.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.8	U	62.8	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.1	U	56.1	94.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	59.7	U	59.7	94.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.7	U	51.7	94.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.6	U	53.6	94.1	120	ug/Kg
92-52-4	1,1-Biphenyl	63.3	U	63.3	94.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.3	U	60.3	94.1	120	ug/Kg
88-74-4	2-Nitroaniline	68.8	U	68.8	94.1	120	ug/Kg
131-11-3	Dimethylphthalate	59.2	U	59.2	94.1	120	ug/Kg
208-96-8	Acenaphthylene	62.6	U	62.6	94.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.2	U	60.2	94.1	120	ug/Kg
99-09-2	3-Nitroaniline	64.6	U	64.6	94.1	120	ug/Kg
83-32-9	Acenaphthene	58.7	U	58.7	94.1	120	ug/Kg
Total PAH	Total PAH	959.3	U	959.3	94.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	84	U	84	200	240	ug/Kg
132-64-9	Dibenzofuran	61.1	U	61.1	94.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	62.4	U	62.4	94.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	122.6	U	122.6	94.1	240	ug/Kg
84-66-2	Diethylphthalate	58	U	58	94.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	94.1	120	ug/Kg
86-73-7	Fluorene	61.9	U	61.9	94.1	120	ug/Kg
100-01-6	4-Nitroaniline	77.5	U	77.5	94.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84.7	U	84.7	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.1	U	59.1	94.1	120	ug/Kg
103-33-3	Azobenzene	57.6	U	57.6	94.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.1	U	57.1	94.1	120	ug/Kg
118-74-1	Hexachlorobenzene	61.5	U	61.5	94.1	120	ug/Kg
1912-24-9	Atrazine	66.2	U	66.2	94.1	120	ug/Kg

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.:	BF112624
Lab Sample ID:	P5000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140637.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56	U	56	200	240	ug/Kg
85-01-8	Phenanthrene	60.8	U	60.8	94.1	120	ug/Kg
120-12-7	Anthracene	61.1	U	61.1	94.1	120	ug/Kg
86-74-8	Carbazole	58.1	U	58.1	94.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	94.1	120	ug/Kg
206-44-0	Fluoranthene	59.2	U	59.2	94.1	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	60.1	U	60.1	94.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.1	U	70.1	94.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71.4	U	71.4	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	58.4	U	58.4	94.1	120	ug/Kg
218-01-9	Chrysene	57.6	U	57.6	94.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.9	U	65.9	94.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	79.6	U	79.6	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	58.7	U	58.7	94.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.8	U	59.8	94.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	67.3	U	67.3	94.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56.5	U	56.5	94.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.8	U	58.8	94.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	94.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.8	U	62.8	94.1	120	ug/Kg
123-91-1	1,4-Dioxane	79.6	U	79.6	94.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.1	U	54.1	94.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.2	U	60.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.723		18-112		52	SPK: -150
13127-88-3	Phenol-d6	76.738		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	51.619		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	56.485		20-109		56	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.:	BF112624
Lab Sample ID:	P5000-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.3
Sample Wt/Vol:	50.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140637.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.694		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	58.82		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78083	6.869				
1146-65-2	Naphthalene-d8	295176	8.151				
15067-26-2	Acenaphthene-d10	156212	9.904				
1517-22-2	Phenanthrene-d10	282217	11.398				
1719-03-5	Chrysene-d12	154106	14.045				
1520-96-3	Perylene-d12	155161	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	890	J			2.122	
000119-61-9	Benzophenone	83.5	J			10.616	
000057-10-3	n-Hexadecanoic acid	87.1	J			11.916	
006222-03-3	Trifluoroacetoxy hexadecane	120	J			13.874	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW1	SDG No.:	BF112624
Lab Sample ID:	P4960-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140638.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.6	U	91.6	280	350	ug/Kg
110-86-1	Pyridine	84.3	U	84.3	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.5	U	87.5	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.3	U	88.3	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.1	U	88.1	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.3	U	89.3	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.8	U	90.8	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.3	U	91.3	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.6	U	87.6	280	350	ug/Kg
95-48-7	2-Methylphenol	85.1	U	85.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.9	U	95.9	140	180	ug/Kg
98-86-2	Acetophenone	91.7	U	91.7	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.2	U	84.2	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.5	U	42.5	84.4	84.4	ug/Kg
67-72-1	Hexachloroethane	87.6	U	87.6	140	180	ug/Kg
98-95-3	Nitrobenzene	95.8	U	95.8	140	180	ug/Kg
78-59-1	Isophorone	89.3	U	89.3	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.7	U	99.7	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.4	U	98.4	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.5	U	90.5	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.7	U	79.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.1	U	90.1	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	87.2	U	87.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.2	U	87.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.9	U	87.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW1	SDG No.:	BF112624
Lab Sample ID:	P4960-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140638.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.6	U	91.6	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.8	U	81.8	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.1	U	87.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.3	U	75.3	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.1	U	78.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.2	U	92.2	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.9	U	87.9	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.2	U	86.2	140	180	ug/Kg
208-96-8	Acenaphthylene	91.3	U	91.3	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.8	U	87.8	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.1	U	94.1	140	180	ug/Kg
83-32-9	Acenaphthene	85.6	U	85.6	140	180	ug/Kg
Total PAH	Total PAH	1398.4	U	1398.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	89.1	U	89.1	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91	U	91	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	78.8	U	178.8	140	360	ug/Kg
84-66-2	Diethylphthalate	84.5	U	84.5	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	140	180	ug/Kg
86-73-7	Fluorene	90.2	U	90.2	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.1	U	86.1	140	180	ug/Kg
103-33-3	Azobenzene	84	U	84	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.3	U	83.3	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.7	U	89.7	140	180	ug/Kg
1912-24-9	Atrazine	96.5	U	96.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW1	SDG No.:	BF112624
Lab Sample ID:	P4960-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140638.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.6	U	81.6	280	350	ug/Kg
85-01-8	Phenanthrene	88.6	U	88.6	140	180	ug/Kg
120-12-7	Anthracene	89.1	U	89.1	140	180	ug/Kg
86-74-8	Carbazole	84.7	U	84.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	140	180	ug/Kg
206-44-0	Fluoranthene	86.2	U	86.2	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	87.6	U	87.6	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.2	U	85.2	140	180	ug/Kg
218-01-9	Chrysene	83.9	U	83.9	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.6	U	85.6	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.2	U	87.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.1	U	98.1	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.4	U	82.4	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.7	U	85.7	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.5	U	84.5	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.6	U	91.6	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.8	U	78.8	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.8	U	87.8	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.908		18-112		59	SPK: -150
13127-88-3	Phenol-d6	87.067		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	60.669		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	63.44		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SW1	SDG No.:	BF112624
Lab Sample ID:	P4960-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140638.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.846		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	67.797		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73427	6.869				
1146-65-2	Naphthalene-d8	268122	8.151				
15067-26-2	Acenaphthene-d10	142144	9.904				
1517-22-2	Phenanthrene-d10	269581	11.398				
1719-03-5	Chrysene-d12	147066	14.045				
1520-96-3	Perylene-d12	144103	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.122	
000119-61-9	Benzophenone	260	J			10.616	
000057-10-3	n-Hexadecanoic acid	150	J			11.916	
007365-36-8	Heptafluorobutyric acid, n-tetradecanoic	170	J			13.874	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MS	SDG No.:	BF112624
Lab Sample ID:	P4860-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140639.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		88.8	280	340	ug/Kg
110-86-1	Pyridine	1700		81.8	130	170	ug/Kg
100-52-7	Benzaldehyde	210	J	190	280	340	ug/Kg
62-53-3	Aniline	1300		99.2	130	170	ug/Kg
108-95-2	Phenol	1600		84.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		85.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		85.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		86.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		88	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		88.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		84.9	280	340	ug/Kg
95-48-7	2-Methylphenol	1600		82.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		93	130	170	ug/Kg
98-86-2	Acetophenone	1600		88.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		81.7	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		41.2	81.9	81.9	ug/Kg
67-72-1	Hexachloroethane	1600		84.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		92.9	130	170	ug/Kg
78-59-1	Isophorone	1600		86.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		96.7	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		95.4	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		87.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		77.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		87.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	280	340	ug/Kg
91-20-3	Naphthalene	1600		84.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	680		84.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		85.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MS	SDG No.:	BF112624
Lab Sample ID:	P4860-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140639.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		88.8	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		79.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		84.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4700	E	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		73.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		75.7	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		89.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		85.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		97.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		83.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		88.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		85.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	940		91.3	130	170	ug/Kg
83-32-9	Acenaphthene	1600		83	130	170	ug/Kg
Total PAH	Total PAH	26000		1356	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	280	340	ug/Kg
132-64-9	Dibenzofuran	1600		86.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		88.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		173.3	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		82	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		87.6	130	170	ug/Kg
86-73-7	Fluorene	1600		87.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		83.5	130	170	ug/Kg
103-33-3	Azobenzene	2000		81.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		80.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		87	130	170	ug/Kg
1912-24-9	Atrazine	1900		93.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MS	SDG No.:	BF112624
Lab Sample ID:	P4860-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140639.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	79.1	280	340	ug/Kg
85-01-8	Phenanthrene	1700		86	130	170	ug/Kg
120-12-7	Anthracene	1700		86.4	130	170	ug/Kg
86-74-8	Carbazole	1700		82.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		86.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		83.6	130	170	ug/Kg
92-87-5	Benzidine	560		170	280	340	ug/Kg
129-00-0	Pyrene	1800		84.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		99.1	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	1700		82.6	130	170	ug/Kg
218-01-9	Chrysene	1600		81.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		93.1	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		83	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		84.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		95.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		79.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		83.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		82	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		88.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		76.4	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		85.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.867		18-112		69	SPK: -150
13127-88-3	Phenol-d6	103.467		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	71.233		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	73.489		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MS	SDG No.:	BF112624
Lab Sample ID:	P4860-09MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140639.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.895		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	83.984		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72875	6.869				
1146-65-2	Naphthalene-d8	271368	8.151				
15067-26-2	Acenaphthene-d10	144034	9.91				
1517-22-2	Phenanthrene-d10	272823	11.398				
1719-03-5	Chrysene-d12	144480	14.045				
1520-96-3	Perylene-d12	156989	15.539				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MSD	SDG No.:	BF112624
Lab Sample ID:	P4860-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140640.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		88.9	280	340	ug/Kg
110-86-1	Pyridine	1700		81.8	130	170	ug/Kg
100-52-7	Benzaldehyde	210	J	190	280	340	ug/Kg
62-53-3	Aniline	1300		99.3	130	170	ug/Kg
108-95-2	Phenol	1600		84.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		85.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		85.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		86.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		88.1	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		88.6	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		85	280	340	ug/Kg
95-48-7	2-Methylphenol	1600		82.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		93.1	130	170	ug/Kg
98-86-2	Acetophenone	1600		89	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		81.7	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		41.3	81.9	81.9	ug/Kg
67-72-1	Hexachloroethane	1500		85	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		93	130	170	ug/Kg
78-59-1	Isophorone	1600		86.7	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		96.8	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		95.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		87.9	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		77.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		87.5	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	280	340	ug/Kg
91-20-3	Naphthalene	1600		84.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	680		84.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		85.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MSD	SDG No.:	BF112624
Lab Sample ID:	P4860-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.04 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
BF140640.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		88.9	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		79.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		84.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4700	E	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		73.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		75.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		89.5	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		85.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		97.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		83.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		88.6	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		85.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	970		91.4	130	170	ug/Kg
83-32-9	Acenaphthene	1600		83.1	130	170	ug/Kg
Total PAH	Total PAH	26200		1357.3	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	3700	E	120	280	340	ug/Kg
132-64-9	Dibenzofuran	1700		86.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		88.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		173.5	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		82	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		87.7	130	170	ug/Kg
86-73-7	Fluorene	1600		87.6	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		83.6	130	170	ug/Kg
103-33-3	Azobenzene	2000		81.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		80.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		87.1	130	170	ug/Kg
1912-24-9	Atrazine	2000		93.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MSD	SDG No.:	BF112624
Lab Sample ID:	P4860-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140640.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3600	E	79.2	280	340	ug/Kg
85-01-8	Phenanthrene	1700		86	130	170	ug/Kg
120-12-7	Anthracene	1800		86.4	130	170	ug/Kg
86-74-8	Carbazole	1700		82.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		86.3	130	170	ug/Kg
206-44-0	Fluoranthene	1600		83.7	130	170	ug/Kg
92-87-5	Benzidine	600		170	280	340	ug/Kg
129-00-0	Pyrene	1800		85	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		99.1	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	1700		82.7	130	170	ug/Kg
218-01-9	Chrysene	1600		81.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		93.2	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		83.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		84.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		95.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		80	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		83.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		82	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		88.9	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		76.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		85.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.968		18-112		68	SPK: -150
13127-88-3	Phenol-d6	102.586		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	71.906		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	73.556		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-006MSD	SDG No.:	BF112624
Lab Sample ID:	P4860-09MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.5
Sample Wt/Vol:	30.04 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
BF140640.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.801		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	84.946		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75738	6.869				
1146-65-2	Naphthalene-d8	275981	8.151				
15067-26-2	Acenaphthene-d10	148258	9.91				
1517-22-2	Phenanthrene-d10	278787	11.398				
1719-03-5	Chrysene-d12	147921	14.045				
1520-96-3	Perylene-d12	159754	15.539				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-005	SDG No.:	BF112624
Lab Sample ID:	P4860-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF140641.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.8	U	88.8	280	340	ug/Kg
110-86-1	Pyridine	81.8	U	81.8	130	170	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	99.2	U	99.2	130	170	ug/Kg
108-95-2	Phenol	84.9	U	84.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	85.7	U	85.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	85.5	U	85.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	86.6	U	86.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88	U	88	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	85	U	85	280	340	ug/Kg
95-48-7	2-Methylphenol	82.5	U	82.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93	U	93	130	170	ug/Kg
98-86-2	Acetophenone	88.9	U	88.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	81.7	U	81.7	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.2	U	41.2	81.9	81.9	ug/Kg
67-72-1	Hexachloroethane	85	U	85	130	170	ug/Kg
98-95-3	Nitrobenzene	92.9	U	92.9	130	170	ug/Kg
78-59-1	Isophorone	86.6	U	86.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	96.7	U	96.7	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	95.4	U	95.4	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	87.8	U	87.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	77.3	U	77.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	87.4	U	87.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	84.5	U	84.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	84.5	U	84.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	85.3	U	85.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-005	SDG No.:	BF112624
Lab Sample ID:	P4860-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF140641.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	88.8	U	88.8	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79.3	U	79.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	84.4	U	84.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.1	U	73.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75.7	U	75.7	130	170	ug/Kg
92-52-4	1,1-Biphenyl	89.5	U	89.5	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	85.3	U	85.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	97.2	U	97.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	83.6	U	83.6	130	170	ug/Kg
208-96-8	Acenaphthylene	88.5	U	88.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	85.2	U	85.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	91.3	U	91.3	130	170	ug/Kg
83-32-9	Acenaphthene	83	U	83	130	170	ug/Kg
Total PAH	Total PAH	1356.2	U	1356.2	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	86.4	U	86.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	88.2	U	88.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	73.4	U	173.4	130	340	ug/Kg
84-66-2	Diethylphthalate	82	U	82	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	87.6	U	87.6	130	170	ug/Kg
86-73-7	Fluorene	87.5	U	87.5	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	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	83.5	U	83.5	130	170	ug/Kg
103-33-3	Azobenzene	81.5	U	81.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80.8	U	80.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	87	U	87	130	170	ug/Kg
1912-24-9	Atrazine	93.6	U	93.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-005	SDG No.:	BF112624
Lab Sample ID:	P4860-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF140641.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.1	U	79.1	280	340	ug/Kg
85-01-8	Phenanthrene	86	U	86	130	170	ug/Kg
120-12-7	Anthracene	86.4	U	86.4	130	170	ug/Kg
86-74-8	Carbazole	82.2	U	82.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	86.3	U	86.3	130	170	ug/Kg
206-44-0	Fluoranthene	83.6	U	83.6	130	170	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85	U	85	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	99.1	U	99.1	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	82.6	U	82.6	130	170	ug/Kg
218-01-9	Chrysene	81.4	U	81.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93.1	U	93.1	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83	U	83	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	84.5	U	84.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	95.2	U	95.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	79.9	U	79.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.1	U	83.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	U	82	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	88.8	U	88.8	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	76.5	U	76.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	85.2	U	85.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.126		18-112		56	SPK: -150
13127-88-3	Phenol-d6	85.564		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	59.093		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	65.15		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-005	SDG No.:	BF112624
Lab Sample ID:	P4860-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.4
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
BF140641.D	1	11/16/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.967		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	68.435		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73436	6.869				
1146-65-2	Naphthalene-d8	269764	8.151				
15067-26-2	Acenaphthene-d10	139709	9.904				
1517-22-2	Phenanthrene-d10	252976	11.398				
1719-03-5	Chrysene-d12	141346	14.045				
1520-96-3	Perylene-d12	153491	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.122	
000119-61-9	Benzophenone	330	J			10.616	
000057-10-3	n-Hexadecanoic acid	170	J			11.916	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	81.9	J			12.645	
1000406-33-2	Isobutyl tetracosyl ether	280	J			13.874	
000629-94-7	Heneicosane	79.8	J			14.192	
000638-68-6	Triacontane	140	J			14.504	
001560-98-1	Octacosane, 2-methyl-	74.7	J			14.815	
000112-95-8	Eicosane	100	J			15.157	
	unknown16.245	230	J			16.245	
015600-08-5	Cholestan-3-one	220	J			16.445	
	unknown16.498	75.7	J			16.498	
	unknown17.439	77.4	J			17.439	
	unknown17.651	70.6	J			17.651	

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	AU-05-112124RE	SDG No.:	BF112624
Lab Sample ID:	P4951-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140642.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.8	U	60.8	190	230	ug/Kg
110-86-1	Pyridine	56	U	56	91.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.9	U	67.9	91.1	120	ug/Kg
108-95-2	Phenol	58.1	U	58.1	91.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91.1	120	ug/Kg
95-57-8	2-Chlorophenol	58.5	U	58.5	91.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.3	U	59.3	91.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.6	U	60.6	91.1	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.5	U	56.5	91.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.7	U	63.7	91.1	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.9	U	55.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	91.1	120	ug/Kg
98-95-3	Nitrobenzene	63.6	U	63.6	91.1	120	ug/Kg
78-59-1	Isophorone	59.3	U	59.3	91.1	120	ug/Kg
88-75-5	2-Nitrophenol	66.2	U	66.2	91.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.3	U	65.3	91.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.1	U	60.1	91.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.9	U	52.9	91.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91.1	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.9	U	57.9	91.1	120	ug/Kg
106-47-8	4-Chloroaniline	57.9	U	57.9	91.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.4	U	58.4	91.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	AU-05-112124RE	SDG No.:	BF112624
Lab Sample ID:	P4951-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140642.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.8	U	60.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	91.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.8	U	57.8	91.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91.1	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.4	U	58.4	91.1	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91.1	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91.1	120	ug/Kg
208-96-8	Acenaphthylene	60.6	U	60.6	91.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.3	U	58.3	91.1	120	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	91.1	120	ug/Kg
83-32-9	Acenaphthene	56.8	U	56.8	91.1	120	ug/Kg
Total PAH	Total PAH	928.1	U	928.1	91.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.3	U	81.3	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91.1	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.4	U	60.4	91.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7	U	118.7	91.1	240	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	91.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	91.1	120	ug/Kg
86-73-7	Fluorene	59.9	U	59.9	91.1	120	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	91.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.2	U	57.2	91.1	120	ug/Kg
103-33-3	Azobenzene	55.8	U	55.8	91.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.3	U	55.3	91.1	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91.1	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	AU-05-112124RE	SDG No.:	BF112624
Lab Sample ID:	P4951-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140642.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	120		58.8	91.1	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91.1	120	ug/Kg
86-74-8	Carbazole	56.2	U	56.2	91.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.1	U	59.1	91.1	120	ug/Kg
206-44-0	Fluoranthene	130		57.2	91.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	94.2	J	58.1	91.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.8	U	67.8	91.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.1	U	69.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	66.7	J	56.5	91.1	120	ug/Kg
218-01-9	Chrysene	71.6	J	55.7	91.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.1	U	77.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	68.3	J	56.8	91.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	U	57.9	91.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	U	54.7	91.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.9	U	56.9	91.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.1	U	56.1	91.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.8	U	60.8	91.1	120	ug/Kg
123-91-1	1,4-Dioxane	77.1	U	77.1	91.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.3	U	58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.008		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.819		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	62.704		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	61.346		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	AU-05-112124RE	SDG No.:	BF112624
Lab Sample ID:	P4951-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.5
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140642.D	1	11/22/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165185

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.499		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	46.446		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60748	6.869				
1146-65-2	Naphthalene-d8	219263	8.151				
15067-26-2	Acenaphthene-d10	116655	9.904				
1517-22-2	Phenanthrene-d10	188337	11.398				
1719-03-5	Chrysene-d12	135305	14.045				
1520-96-3	Perylene-d12	95803	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.:	BF112624
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
BF140643.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
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
BF140643.D	1	11/26/2024 12:00:00 AM	11/26/2024 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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.3	U	115.3	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
84-66-2	Diethylphthalate	54.5	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.:	BF112624
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
BF140643.D	1	11/26/2024 12:00:00 AM	11/26/2024 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	105.12		18-112		70	SPK: -150
13127-88-3	Phenol-d6	103.231		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	71.819		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.801		20-109		72	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.:	BF112624
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
BF140643.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.376		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	54.497		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61737	6.869				
1146-65-2	Naphthalene-d8	223465	8.151				
15067-26-2	Acenaphthene-d10	118471	9.904				
1517-22-2	Phenanthrene-d10	203969	11.398				
1719-03-5	Chrysene-d12	137103	14.045				
1520-96-3	Perylene-d12	110754	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			10.616	
000057-10-3	n-Hexadecanoic acid	93.7	J			11.916	
959085-66-6	Heptadecyl heptafluorobutyrate	95.7	J			13.874	
000301-02-0	9-Octadecenamide, (Z)-	73.1	J			14.804	

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.:	BF112624
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
BF140644.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		59	180	220	ug/Kg
110-86-1	Pyridine	1100		54.3	88.4	120	ug/Kg
100-52-7	Benzaldehyde	680		120	180	220	ug/Kg
62-53-3	Aniline	900		65.9	88.4	120	ug/Kg
108-95-2	Phenol	1100		56.4	88.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		56.9	88.4	120	ug/Kg
95-57-8	2-Chlorophenol	1100		56.8	88.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.5	88.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		58.5	88.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		58.8	88.4	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		54.8	88.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		61.8	88.4	120	ug/Kg
98-86-2	Acetophenone	1100		59.1	88.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	990		56.4	88.4	120	ug/Kg
98-95-3	Nitrobenzene	1000		61.8	88.4	120	ug/Kg
78-59-1	Isophorone	1000		57.5	88.4	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64.3	88.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		63.4	88.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1000		58.4	88.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.3	88.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	980		58.1	88.4	120	ug/Kg
65-85-0	Benzoic acid	870		160	180	220	ug/Kg
91-20-3	Naphthalene	1000		56.2	88.4	120	ug/Kg
106-47-8	4-Chloroaniline	400		56.2	88.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		56.7	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.:	BF112624
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
BF140644.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		52.7	88.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.1	88.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		48.6	88.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.3	88.4	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.4	88.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.7	88.4	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.6	88.4	120	ug/Kg
131-11-3	Dimethylphthalate	1100		55.6	88.4	120	ug/Kg
208-96-8	Acenaphthylene	1200		58.8	88.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.6	88.4	120	ug/Kg
99-09-2	3-Nitroaniline	710		60.7	88.4	120	ug/Kg
83-32-9	Acenaphthene	1100		55.2	88.4	120	ug/Kg
Total PAH	Total PAH	17090		901.2	88.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		170	180	220	ug/Kg
100-02-7	4-Nitrophenol	2300	E	78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57.4	88.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.6	88.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		115.2	88.4	240	ug/Kg
84-66-2	Diethylphthalate	1100		54.5	88.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.2	88.4	120	ug/Kg
86-73-7	Fluorene	1100		58.1	88.4	120	ug/Kg
100-01-6	4-Nitroaniline	960		72.8	88.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	930		79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		55.5	88.4	120	ug/Kg
103-33-3	Azobenzene	1200		54.1	88.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		53.7	88.4	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		57.8	88.4	120	ug/Kg
1912-24-9	Atrazine	1400		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.:	BF112624
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
BF140644.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	52.6	180	220	ug/Kg
85-01-8	Phenanthrene	1200		57.1	88.4	120	ug/Kg
120-12-7	Anthracene	1200		57.4	88.4	120	ug/Kg
86-74-8	Carbazole	1100		54.6	88.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.3	88.4	120	ug/Kg
206-44-0	Fluoranthene	1000		55.6	88.4	120	ug/Kg
92-87-5	Benzidine	1100		110	180	220	ug/Kg
129-00-0	Pyrene	940		56.4	88.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	1000		65.8	88.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.9	88.4	120	ug/Kg
218-01-9	Chrysene	1100		54.1	88.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		61.9	88.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		74.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.2	88.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56.2	88.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.2	88.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	850		53.1	88.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	850		55.2	88.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	750		54.5	88.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59	88.4	120	ug/Kg
123-91-1	1,4-Dioxane	960		74.8	88.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		50.8	88.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.39		18-112		66	SPK: -150
13127-88-3	Phenol-d6	96.077		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	65.669		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	66.514		20-109		67	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.:	BF112624
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
BF140644.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.525		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	54.789		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52874	6.869				
1146-65-2	Naphthalene-d8	194368	8.151				
15067-26-2	Acenaphthene-d10	102202	9.91				
1517-22-2	Phenanthrene-d10	183562	11.398				
1719-03-5	Chrysene-d12	117051	14.045				
1520-96-3	Perylene-d12	97925	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-WCMSD	SDG No.:	BF112624
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
BF140645.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		59.1	180	220	ug/Kg
110-86-1	Pyridine	1200		54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	740		120	180	220	ug/Kg
62-53-3	Aniline	930		65.9	88.5	120	ug/Kg
108-95-2	Phenol	1200		56.4	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	1200		56.8	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.5	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.8	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	1100		59.1	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	1100		56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	1100		61.8	88.5	120	ug/Kg
78-59-1	Isophorone	1100		57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.3	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		63.4	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.1	88.5	120	ug/Kg
65-85-0	Benzoic acid	950		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		56.2	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	450		56.2	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		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.:	BF112624
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
BF140645.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.7	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.1	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	1200		64.6	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	1200		55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	1200		58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.6	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	720		60.7	88.5	120	ug/Kg
83-32-9	Acenaphthene	1200		55.2	88.5	120	ug/Kg
Total PAH	Total PAH	18120		901.8	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		170	180	220	ug/Kg
100-02-7	4-Nitrophenol	2500	E	78.9	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		57.4	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		115.3	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		58.7	88.5	120	ug/Kg
84-66-2	Diethylphthalate	1200		54.5	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.3	88.5	120	ug/Kg
86-73-7	Fluorene	1200		58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	1000		72.8	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		79.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		55.5	88.5	120	ug/Kg
103-33-3	Azobenzene	1200		54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		57.8	88.5	120	ug/Kg
1912-24-9	Atrazine	1500		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.:	BF112624
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
BF140645.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2300	E	52.6	180	220	ug/Kg
85-01-8	Phenanthrene	1200		57.2	88.5	120	ug/Kg
120-12-7	Anthracene	1200		57.4	88.5	120	ug/Kg
86-74-8	Carbazole	1200		54.6	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	1100		55.6	88.5	120	ug/Kg
92-87-5	Benzidine	1200		110	180	220	ug/Kg
129-00-0	Pyrene	1000		56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		54.9	88.5	120	ug/Kg
218-01-9	Chrysene	1200		54.1	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		61.9	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		56.2	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		53.1	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930		55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	790		54.5	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	1000		74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		50.8	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.502		18-112		69	SPK: -150
13127-88-3	Phenol-d6	100.924		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	70.688		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	69.65		20-109		70	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.:	BF112624
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
BF140645.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.935		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	58.609		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52731	6.869				
1146-65-2	Naphthalene-d8	189393	8.151				
15067-26-2	Acenaphthene-d10	102689	9.91				
1517-22-2	Phenanthrene-d10	184551	11.398				
1719-03-5	Chrysene-d12	115182	14.045				
1520-96-3	Perylene-d12	96060	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-732	SDG No.:	BF112624
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
BF140646.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
Lab Sample ID:	P4938-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140646.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
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
BF140646.D	1	11/26/2024 12:00:00 AM	11/26/2024 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	148.667		10-139		99	SPK: -150
13127-88-3	Phenol-d6	141.221		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	98.826		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	102.683		52-132		103	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.:	BF112624
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
BF140646.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.89		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	86.453		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61951	6.869				
1146-65-2	Naphthalene-d8	224280	8.151				
15067-26-2	Acenaphthene-d10	115420	9.904				
1517-22-2	Phenanthrene-d10	199114	11.398				
1719-03-5	Chrysene-d12	136344	14.045				
1520-96-3	Perylene-d12	115827	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-732MS	SDG No.:	BF112624
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
BF140647.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420		10.3	80	100	ug/L
110-86-1	Pyridine	260		15.5	40	50	ug/L
100-52-7	Benzaldehyde	56	J	40	80	100	ug/L
62-53-3	Aniline	120		16	40	50	ug/L
108-95-2	Phenol	460		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	480		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	420		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	400		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	400		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	440		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	470		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	480		14.8	25	25	ug/L
67-72-1	Hexachloroethane	380		10.1	40	50	ug/L
98-95-3	Nitrobenzene	440		12.7	40	50	ug/L
78-59-1	Isophorone	490		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	480		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	610		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	470		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	420		11	40	50	ug/L
65-85-0	Benzoic acid	460		54.7	80	100	ug/L
91-20-3	Naphthalene	460		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	100		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		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.:	BF112624
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
BF140647.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	450		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	500		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	480		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	960	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	530		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	530		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	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	530		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	100		13.7	40	50	ug/L
83-32-9	Acenaphthene	530		8.1	40	50	ug/L
Total PAH	Total PAH	7990		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	890	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	520		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1020		27.6	40	100	ug/L
84-66-2	Diethylphthalate	510		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	510		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	340		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	490		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		8.9	40	50	ug/L
103-33-3	Azobenzene	490		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	540		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		11.4	40	50	ug/L
1912-24-9	Atrazine	450		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.:	BF112624
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
BF140647.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	530		8.9	40	50	ug/L
120-12-7	Anthracene	560		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	540		14.7	40	50	ug/L
206-44-0	Fluoranthene	490		12.9	40	50	ug/L
92-87-5	Benzidine	140		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	480		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	110		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	550		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	510		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	570		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	560		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	560		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	560		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	410		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	360		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	500		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	580		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	450		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.419		10-139		94	SPK: -150
13127-88-3	Phenol-d6	134.23		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	95.346		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	100.027		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.:	BF112624
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
BF140647.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.225		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	79.541		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54214	6.869				
1146-65-2	Naphthalene-d8	200806	8.151				
15067-26-2	Acenaphthene-d10	102941	9.904				
1517-22-2	Phenanthrene-d10	186502	11.398				
1719-03-5	Chrysene-d12	120857	14.045				
1520-96-3	Perylene-d12	106006	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-732MSD	SDG No.:	BF112624
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
BF140648.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	300		15.5	40	50	ug/L
100-52-7	Benzaldehyde	62.7	J	40	80	100	ug/L
62-53-3	Aniline	140		16	40	50	ug/L
108-95-2	Phenol	480		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	500		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	430		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	460		16	80	100	ug/L
95-48-7	2-Methylphenol	510		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	510		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	520		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	490		14.8	25	25	ug/L
67-72-1	Hexachloroethane	400		10.1	40	50	ug/L
98-95-3	Nitrobenzene	460		12.7	40	50	ug/L
78-59-1	Isophorone	510		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	490		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		11	40	50	ug/L
65-85-0	Benzoic acid	510		54.7	80	100	ug/L
91-20-3	Naphthalene	490		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	94.2		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	430		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.:	BF112624
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
BF140648.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	470		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	520		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1100	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	550		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	530		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	530		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	540		9.3	40	50	ug/L
208-96-8	Acenaphthylene	560		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	110		13.7	40	50	ug/L
83-32-9	Acenaphthene	530		8.1	40	50	ug/L
Total PAH	Total PAH	8170		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	940	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)	520		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	510		15.2	40	50	ug/L
84-66-2	Diethylphthalate	520		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	520		9.8	40	50	ug/L
86-73-7	Fluorene	520		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	350		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	570		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		8.9	40	50	ug/L
103-33-3	Azobenzene	490		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	540		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	510		11.4	40	50	ug/L
1912-24-9	Atrazine	390		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.:	BF112624
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
BF140648.D	1	11/26/2024 12:00:00 AM	11/26/2024 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	550		8.9	40	50	ug/L
120-12-7	Anthracene	570		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	580		14.7	40	50	ug/L
206-44-0	Fluoranthene	520		12.9	40	50	ug/L
92-87-5	Benzidine	130		40.7	80	100	ug/L
129-00-0	Pyrene	430		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	480		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	91.9	J	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	510		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	610		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	550		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	410		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	420		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	360		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	410		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	600		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	145.353		10-139		97	SPK: -150
13127-88-3	Phenol-d6	137.836		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	101.68		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	100.455		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-732MSD	SDG No.:	BF112624
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
BF140648.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.516		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	80.775		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65801	6.875				
1146-65-2	Naphthalene-d8	240817	8.151				
15067-26-2	Acenaphthene-d10	128112	9.91				
1517-22-2	Phenanthrene-d10	225568	11.398				
1719-03-5	Chrysene-d12	155066	14.051				
1520-96-3	Perylene-d12	144332	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-WC	SDG No.:	BF112624
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
BF140649.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
Lab Sample ID:	P4985-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140649.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
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
BF140649.D	1	11/26/2024 12:00:00 AM	11/26/2024 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	137.482		10-139		92	SPK: -150
13127-88-3	Phenol-d6	134.846		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	95.225		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	98.107		52-132		98	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.:	BF112624
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
BF140649.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.832		44-137		88	SPK: -150
1718-51-0	Terphenyl-d14	86.695		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57294	6.869				
1146-65-2	Naphthalene-d8	211473	8.151				
15067-26-2	Acenaphthene-d10	116578	9.904				
1517-22-2	Phenanthrene-d10	197040	11.398				
1719-03-5	Chrysene-d12	136703	14.045				
1520-96-3	Perylene-d12	115889	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-734	SDG No.:	BF112624
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
BF140650.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
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
BF140650.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
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
BF140650.D	1	11/26/2024 12:00:00 AM	11/26/2024 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	144.603		10-139		96	SPK: -150
13127-88-3	Phenol-d6	140.179		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	107.923		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	100.841		52-132		101	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.:	BF112624
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
BF140650.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165269

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.707		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	94.605		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65458	6.869				
1146-65-2	Naphthalene-d8	221877	8.151				
15067-26-2	Acenaphthene-d10	119557	9.904				
1517-22-2	Phenanthrene-d10	214269	11.398				
1719-03-5	Chrysene-d12	134785	14.045				
1520-96-3	Perylene-d12	125191	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.:	BF112624
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
BF140651.D	1	11/26/2024 12:00:00 AM	11/26/2024 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.:	BF112624
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
BF140651.D	1	11/26/2024 12:00:00 AM	11/26/2024 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
121-14-2	2,4-Dinitrotoluene	57.8	U	57.8	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
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.:	BF112624
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
BF140651.D	1	11/26/2024 12:00:00 AM	11/26/2024 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	76.186		18-112		51	SPK: -150
13127-88-3	Phenol-d6	74.891		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	50.357		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	53.04		20-109		53	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.:	BF112624
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
BF140651.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.846		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	42.64		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54801	6.869				
1146-65-2	Naphthalene-d8	196711	8.151				
15067-26-2	Acenaphthene-d10	105898	9.904				
1517-22-2	Phenanthrene-d10	193437	11.398				
1719-03-5	Chrysene-d12	122817	14.045				
1520-96-3	Perylene-d12	103680	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			10.616	
000334-48-5	n-Decanoic acid	50.8	J			11.916	
002425-77-6	1-Decanol, 2-hexyl-	65.3	J			13.874	
000301-02-0	9-Octadecenamide, (Z)-	74.2	J			14.804	

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.:	BF112624
Lab Sample ID:	P5000-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140652.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.5	U	59.5	190	230	ug/Kg
110-86-1	Pyridine	54.8	U	54.8	89.1	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	190	230	ug/Kg
62-53-3	Aniline	66.4	U	66.4	89.1	120	ug/Kg
108-95-2	Phenol	56.8	U	56.8	89.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.4	U	57.4	89.1	120	ug/Kg
95-57-8	2-Chlorophenol	57.2	U	57.2	89.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58	U	58	89.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.9	U	58.9	89.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.3	U	59.3	89.1	120	ug/Kg
100-51-6	Benzyl Alcohol	56.9	U	56.9	190	230	ug/Kg
95-48-7	2-Methylphenol	55.2	U	55.2	89.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.3	U	62.3	89.1	120	ug/Kg
98-86-2	Acetophenone	59.6	U	59.6	89.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.7	U	54.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.6	U	27.6	54.8	54.8	ug/Kg
67-72-1	Hexachloroethane	56.9	U	56.9	89.1	120	ug/Kg
98-95-3	Nitrobenzene	62.2	U	62.2	89.1	120	ug/Kg
78-59-1	Isophorone	58	U	58	89.1	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	89.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.9	U	63.9	89.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.8	U	58.8	89.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.7	U	51.7	89.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.5	U	58.5	89.1	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.6	U	56.6	89.1	120	ug/Kg
106-47-8	4-Chloroaniline	56.6	U	56.6	89.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.1	U	57.1	89.1	120	ug/Kg

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.:	BF112624
Lab Sample ID:	P5000-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140652.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.5	U	59.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.1	U	53.1	89.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	78.3	J	56.5	89.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.9	U	48.9	89.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.7	U	50.7	89.1	120	ug/Kg
92-52-4	1,1-Biphenyl	59.9	U	59.9	89.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.1	U	57.1	89.1	120	ug/Kg
88-74-4	2-Nitroaniline	65.1	U	65.1	89.1	120	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	89.1	120	ug/Kg
208-96-8	Acenaphthylene	59.3	U	59.3	89.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	89.1	120	ug/Kg
99-09-2	3-Nitroaniline	61.1	U	61.1	89.1	120	ug/Kg
Total PAH	Total PAH	1427.3	U	908.2	89.1	1920	ug/Kg
83-32-9	Acenaphthene	55.6	U	55.6	89.1	120	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.5	U	79.5	190	230	ug/Kg
132-64-9	Dibenzofuran	57.8	U	57.8	89.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.1	U	116.1	89.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	89.1	120	ug/Kg
84-66-2	Diethylphthalate	54.9	U	54.9	89.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	89.1	120	ug/Kg
86-73-7	Fluorene	58.6	U	58.6	89.1	120	ug/Kg
100-01-6	4-Nitroaniline	73.3	U	73.3	89.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.2	U	80.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.9	U	55.9	89.1	120	ug/Kg
103-33-3	Azobenzene	54.6	U	54.6	89.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.1	U	54.1	89.1	120	ug/Kg
118-74-1	Hexachlorobenzene	58.3	U	58.3	89.1	120	ug/Kg
1912-24-9	Atrazine	62.6	U	62.6	89.1	120	ug/Kg

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.:	BF112624
Lab Sample ID:	P5000-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140652.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53	U	53	190	230	ug/Kg
85-01-8	Phenanthrene	250		57.6	89.1	120	ug/Kg
120-12-7	Anthracene	57.8	U	57.8	89.1	120	ug/Kg
86-74-8	Carbazole	55	U	55	89.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.8	U	57.8	89.1	120	ug/Kg
206-44-0	Fluoranthene	240		56	89.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	200		56.9	89.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.3	U	66.3	89.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.6	U	67.6	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	170		55.3	89.1	120	ug/Kg
218-01-9	Chrysene	140		54.5	89.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.4	U	62.4	89.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.4	U	75.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	160		55.6	89.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	J	56.6	89.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	140		63.7	89.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.5	U	53.5	89.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.7	U	55.7	89.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.3	J	54.9	89.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.5	U	59.5	89.1	120	ug/Kg
123-91-1	1,4-Dioxane	75.4	U	75.4	89.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.2	U	51.2	89.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	71.1	J	57	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.787		18-112		57	SPK: -150
13127-88-3	Phenol-d6	85.741		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	56.038		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.435		20-109		57	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.:	BF112624
Lab Sample ID:	P5000-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140652.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.076		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	41.201		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54207	6.869				
1146-65-2	Naphthalene-d8	196700	8.151				
15067-26-2	Acenaphthene-d10	101641	9.91				
1517-22-2	Phenanthrene-d10	156251	11.404				
1719-03-5	Chrysene-d12	121038	14.051				
1520-96-3	Perylene-d12	101563	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown6.116	120	J			6.116	
001678-98-4	Cyclohexane, (2-methylpropyl)-	140	J			7.01	
	unknown8.098	120	J			8.098	
017301-23-4	Undecane, 2,6-dimethyl-	450	J			8.204	
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	170	J			8.234	
000823-76-7	Ethanone, 1-cyclohexyl-	550	J			8.439	
055045-11-9	Tridecane, 5-propyl-	490	J			8.569	
053366-38-4	Cyclopentane, (2-methylbutyl)-	260	J			8.692	
005617-41-4	Heptylcyclohexane	990	J			9.057	
003891-98-3	Dodecane, 2,6,10-trimethyl-	1400	J			9.169	
000334-68-9	Dodecane, 1-fluoro-	1200	J			9.31	
000544-76-3	Hexadecane	1900	J			9.628	
	unknown9.775	460	J			9.775	
	unknown10.163	1400	J			10.163	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	760	J			10.228	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	940	J			10.316	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	2600	J			10.557	
006975-98-0	Decane, 2-methyl-	1200	J			10.828	
000629-94-7	Heneicosane	930	J			11.292	

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.:	BF112624
Lab Sample ID:	P5000-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140652.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
026429-11-8	Heptadecane, 4-methyl-	390	J			11.639	

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	CL-02-112224	SDG No.:	BF112624
Lab Sample ID:	P4971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140653.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	64.1	U	64.1	200	240	ug/Kg
110-86-1	Pyridine	59	U	59	96.1	130	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.6	U	71.6	96.1	130	ug/Kg
108-95-2	Phenol	61.3	U	61.3	96.1	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.8	U	61.8	96.1	130	ug/Kg
95-57-8	2-Chlorophenol	61.7	U	61.7	96.1	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.5	U	62.5	96.1	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.5	U	63.5	96.1	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.9	U	63.9	96.1	130	ug/Kg
100-51-6	Benzyl Alcohol	61.3	U	61.3	200	240	ug/Kg
95-48-7	2-Methylphenol	59.6	U	59.6	96.1	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67.2	U	67.2	96.1	130	ug/Kg
98-86-2	Acetophenone	64.2	U	64.2	96.1	130	ug/Kg
65794-96-9	3+4-Methylphenols	59	U	59	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.8	U	29.8	59.1	59.1	ug/Kg
67-72-1	Hexachloroethane	61.3	U	61.3	96.1	130	ug/Kg
98-95-3	Nitrobenzene	67.1	U	67.1	96.1	130	ug/Kg
78-59-1	Isophorone	62.5	U	62.5	96.1	130	ug/Kg
88-75-5	2-Nitrophenol	69.8	U	69.8	96.1	130	ug/Kg
105-67-9	2,4-Dimethylphenol	68.9	U	68.9	96.1	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63.4	U	63.4	96.1	130	ug/Kg
120-83-2	2,4-Dichlorophenol	55.8	U	55.8	96.1	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	63.1	U	63.1	96.1	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	240	ug/Kg
91-20-3	Naphthalene	61	U	61	96.1	130	ug/Kg
106-47-8	4-Chloroaniline	61	U	61	96.1	130	ug/Kg
87-68-3	Hexachlorobutadiene	61.6	U	61.6	96.1	130	ug/Kg

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	CL-02-112224	SDG No.:	BF112624
Lab Sample ID:	P4971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140653.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	64.1	U	64.1	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57.3	U	57.3	96.1	130	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	96.1	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.8	U	52.8	96.1	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.7	U	54.7	96.1	130	ug/Kg
92-52-4	1,1-Biphenyl	64.6	U	64.6	96.1	130	ug/Kg
91-58-7	2-Chloronaphthalene	61.6	U	61.6	96.1	130	ug/Kg
88-74-4	2-Nitroaniline	70.2	U	70.2	96.1	130	ug/Kg
131-11-3	Dimethylphthalate	60.4	U	60.4	96.1	130	ug/Kg
208-96-8	Acenaphthylene	63.9	U	63.9	96.1	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.5	U	61.5	96.1	130	ug/Kg
99-09-2	3-Nitroaniline	65.9	U	65.9	96.1	130	ug/Kg
83-32-9	Acenaphthene	83.7	J	59.9	96.1	130	ug/Kg
Total PAH	Total PAH	4552		979	96.1	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85.7	U	85.7	200	240	ug/Kg
132-64-9	Dibenzofuran	66.2	J	62.4	96.1	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	125.2	U	125.2	96.1	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.7	U	63.7	96.1	130	ug/Kg
84-66-2	Diethylphthalate	59.2	U	59.2	96.1	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	63.3	U	63.3	96.1	130	ug/Kg
86-73-7	Fluorene	68.3	J	63.2	96.1	130	ug/Kg
100-01-6	4-Nitroaniline	79.1	U	79.1	96.1	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86.5	U	86.5	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.3	U	60.3	96.1	130	ug/Kg
103-33-3	Azobenzene	58.8	U	58.8	96.1	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58.3	U	58.3	96.1	130	ug/Kg
118-74-1	Hexachlorobenzene	62.8	U	62.8	96.1	130	ug/Kg
1912-24-9	Atrazine	67.5	U	67.5	96.1	130	ug/Kg

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	CL-02-112224	SDG No.:	BF112624
Lab Sample ID:	P4971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140653.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.1	U	57.1	200	240	ug/Kg
85-01-8	Phenanthrene	750		62.1	96.1	130	ug/Kg
120-12-7	Anthracene	210		62.4	96.1	130	ug/Kg
86-74-8	Carbazole	59.3	U	59.3	96.1	130	ug/Kg
84-74-2	Di-n-butylphthalate	62.3	U	62.3	96.1	130	ug/Kg
206-44-0	Fluoranthene	900		60.4	96.1	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	680		61.3	96.1	130	ug/Kg
85-68-7	Butylbenzylphthalate	71.5	U	71.5	96.1	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.9	U	72.9	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	370		59.6	96.1	130	ug/Kg
218-01-9	Chrysene	350		58.7	96.1	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67.2	U	67.2	96.1	130	ug/Kg
117-84-0	Di-n-octyl phthalate	81.3	U	81.3	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		59.9	96.1	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	160		61	96.1	130	ug/Kg
50-32-8	Benzo(a)pyrene	300		68.7	96.1	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150		57.7	96.1	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	96.1	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180		59.2	96.1	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64.1	U	64.1	96.1	130	ug/Kg
123-91-1	1,4-Dioxane	81.3	U	81.3	96.1	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.2	U	55.2	96.1	130	ug/Kg
90-12-0	1-Methylnaphthalene	61.5	U	61.5	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.368		18-112		68	SPK: -150
13127-88-3	Phenol-d6	103.286		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	70.799		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	73.909		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	CL-02-112224	SDG No.:	BF112624
Lab Sample ID:	P4971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.9
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140653.D	1	11/26/2024 12:00:00 AM	11/26/2024 12:00:00 AM	PB165255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.395		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	67.919		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68867	6.869				
1146-65-2	Naphthalene-d8	251988	8.151				
15067-26-2	Acenaphthene-d10	129316	9.904				
1517-22-2	Phenanthrene-d10	227783	11.398				
1719-03-5	Chrysene-d12	139901	14.045				
1520-96-3	Perylene-d12	109768	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			10.616	
000132-65-0	Dibenzothiophene	58.9	J			11.292	
000832-69-9	Phenanthrene, 1-methyl-	270	J			11.922	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			12.01	
003674-66-6	Phenanthrene, 2,5-dimethyl-	62.8	J			12.445	
013849-96-2	17.alpha.(H),21.beta.(H)-Hopane	320	J			16.686	

Hit Summary Sheet SW-846

SDG No.: BF112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : PH2-BOT-005								
P4860-10	PH2-BOT-005	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	81.900	J		
P4860-10	PH2-BOT-005	Solid	Benzophenone	*	330.000	J		
P4860-10	PH2-BOT-005	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4860-10	PH2-BOT-005	Solid	Cholestan-3-one	*	220.000	J		
P4860-10	PH2-BOT-005	Solid	Eicosane	*	100.000	J		
P4860-10	PH2-BOT-005	Solid	Heneicosane	*	79.800	J		
P4860-10	PH2-BOT-005	Solid	Isobutyl tetracosyl ether	*	280.000	J		
P4860-10	PH2-BOT-005	Solid	n-Hexadecanoic acid	*	170.000	J		
P4860-10	PH2-BOT-005	Solid	Octacosane, 2-methyl-	*	74.700	J		
P4860-10	PH2-BOT-005	Solid	Triacontane	*	140.000	J		
P4860-10	PH2-BOT-005	Solid	unknown16.245	*	230.000	J		
P4860-10	PH2-BOT-005	Solid	unknown16.498	*	75.700	J		
P4860-10	PH2-BOT-005	Solid	unknown17.439	*	77.400	J		
P4860-10	PH2-BOT-005	Solid	unknown17.651	*	70.600	J		
Total Tics :				3,030.10				
Total Concentration:				3,030.10				
Client ID : AU-05-112124RE								
P4951-01RE	AU-05-112124RE	Solid	Benzo(a)anthracene		66.700	J	56.5	120 ug/Kg
P4951-01RE	AU-05-112124RE	Solid	Benzo(b)fluoranthene		68.300	J	56.8	120 ug/Kg
P4951-01RE	AU-05-112124RE	Solid	Chrysene		71.600	J	55.7	120 ug/Kg
P4951-01RE	AU-05-112124RE	Solid	Fluoranthene		130.000		57.2	120 ug/Kg
P4951-01RE	AU-05-112124RE	Solid	Phenanthrene		120.000		58.8	120 ug/Kg
P4951-01RE	AU-05-112124RE	Solid	Pyrene		94.200	J	58.1	120 ug/Kg
Total Svoc :				550.80				
Total Concentration:				550.80				
Client ID : B2								
P4960-02	B2	Solid	1-Heneicosanol	*	180.000	J		
P4960-02	B2	Solid	Benzophenone	*	230.000	J		
P4960-02	B2	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P4960-02	B2	Solid	n-Hexadecanoic acid	*	150.000	J		
Total Tics :				1,860.00				
Total Concentration:				1,860.00				
Client ID : SW1								
P4960-03	SW1	Solid	Benzophenone	*	260.000	J		
P4960-03	SW1	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P4960-03	SW1	Solid	Heptafluorobutyric acid, n-tetradecanoic	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BF112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4960-03	SW1	Solid	n-Hexadecanoic acid	*	150.000	J		
Total Tics :					1,580.00			
Total Concentration:					1,580.00			
Client ID : SW2								
P4960-04	SW2	Solid	.beta.-Sitosterol	*	150.000	J		
P4960-04	SW2	Solid	1-Heneicosanol	*	200.000	J		
P4960-04	SW2	Solid	Benzophenone	*	350.000	J		
P4960-04	SW2	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P4960-04	SW2	Solid	Eicosane	*	91.100	J		
P4960-04	SW2	Solid	Heneicosane	*	110.000	J		
P4960-04	SW2	Solid	n-Hexadecanoic acid	*	520.000	J		
P4960-04	SW2	Solid	Octadecanoic acid	*	140.000	J		
P4960-04	SW2	Solid	Supraene	*	470.000	J		
Total Tics :					3,531.10			
Total Concentration:					3,531.10			
Client ID : SW4								
P4960-06	SW4	Solid	1-Tetracosene	*	200.000	J		
P4960-06	SW4	Solid	Benzophenone	*	150.000	J		
P4960-06	SW4	Solid	n-Hexadecanoic acid	*	160.000	J		
P4960-06	SW4	Solid	unknown14.757	*	99.000	J		
Total Tics :					609.00			
Total Concentration:					609.00			
Client ID : CL-02-112224								
P4971-01	CL-02-112224	Solid	17.alpha.(H),21.beta.(H)-Hopane	*	320.000	J		
P4971-01	CL-02-112224	Solid	4H-Cyclopenta[def]phenanthrene	*	170.000	J		
P4971-01	CL-02-112224	Solid	Benzophenone	*	220.000	J		
P4971-01	CL-02-112224	Solid	Dibenzothiophene	*	58.900	J		
P4971-01	CL-02-112224	Solid	Phenanthrene, 1-methyl-	*	270.000	J		
P4971-01	CL-02-112224	Solid	Phenanthrene, 2,5-dimethyl-	*	62.800	J		
Total Tics :					1,101.70			
P4971-01	CL-02-112224	Solid	Acenaphthene		83.700	J	59.9	130 ug/Kg
P4971-01	CL-02-112224	Solid	Anthracene		210.000		62.4	130 ug/Kg
P4971-01	CL-02-112224	Solid	Benzo(a)anthracene		370.000		59.6	130 ug/Kg
P4971-01	CL-02-112224	Solid	Benzo(a)pyrene		300.000		68.7	130 ug/Kg
P4971-01	CL-02-112224	Solid	Benzo(b)fluoranthene		350.000		59.9	130 ug/Kg
P4971-01	CL-02-112224	Solid	Benzo(g,h,i)perylene		180.000		59.2	130 ug/Kg
P4971-01	CL-02-112224	Solid	Benzo(k)fluoranthene		160.000		61	130 ug/Kg
P4971-01	CL-02-112224	Solid	Chrysene		350.000		58.7	130 ug/Kg
P4971-01	CL-02-112224	Solid	Dibenzofuran		66.200	J	62.4	130 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4971-01	CL-02-112224	Solid	Fluoranthene	900.000		60.4	130	ug/Kg
P4971-01	CL-02-112224	Solid	Fluorene	68.300	J	63.2	130	ug/Kg
P4971-01	CL-02-112224	Solid	Indeno(1,2,3-cd)pyrene	150.000		57.7	130	ug/Kg
P4971-01	CL-02-112224	Solid	Phenanthrene	750.000		62.1	130	ug/Kg
P4971-01	CL-02-112224	Solid	Pyrene	680.000		61.3	130	ug/Kg
P4971-01	CL-02-112224	Solid	Total PAH	4,552.000		979	2080	ug/Kg
Total Svoc :						9,170.20		
Total Concentration:						10,271.90		
Client ID : MH-756-WC								
P4985-01	MH-756-WC	Solid	9-Octadecenamide, (Z)-	*	73.100	J		
P4985-01	MH-756-WC	Solid	Benzophenone	*	120.000	J		
P4985-01	MH-756-WC	Solid	Heptadecyl heptafluorobutyrate	*	95.700	J		
P4985-01	MH-756-WC	Solid	n-Hexadecanoic acid	*	93.700	J		
Total Tics :						382.50		
Total Concentration:						382.50		
Client ID : MH-740-WC								
P4985-05	MH-740-WC	Solid	1-Decanol, 2-hexyl-	*	65.300	J		
P4985-05	MH-740-WC	Solid	9-Octadecenamide, (Z)-	*	74.200	J		
P4985-05	MH-740-WC	Solid	Benzophenone	*	100.000	J		
P4985-05	MH-740-WC	Solid	n-Decanoic acid	*	50.800	J		
Total Tics :						290.30		
Total Concentration:						290.30		
Client ID : MH-745								
P5000-01	MH-745	Solid	Benzophenone	*	83.500	J		
P5000-01	MH-745	Solid	Butane, 2-methoxy-2-methyl-	*	890.000	J		
P5000-01	MH-745	Solid	n-Hexadecanoic acid	*	87.100	J		
P5000-01	MH-745	Solid	Trifluoroacetoxy hexadecane	*	120.000	J		
Total Tics :						1,180.60		
Total Concentration:						1,180.60		
Client ID : MH-733								
P5000-05	MH-733	Solid	Benzene, 1-ethyl-4-(1-methylethy	*	170.000	J		
P5000-05	MH-733	Solid	Cyclohexane, (2-methylpropyl)-	*	140.000	J		
P5000-05	MH-733	Solid	Cyclopentane, (2-methylbutyl)-	*	260.000	J		
P5000-05	MH-733	Solid	Decane, 2-methyl-	*	1,200.000	J		
P5000-05	MH-733	Solid	Dodecane, 1-fluoro-	*	1,200.000	J		
P5000-05	MH-733	Solid	Dodecane, 2,6,10-trimethyl-	*	1,400.000	J		
P5000-05	MH-733	Solid	Ethanone, 1-cyclohexyl-	*	550.000	J		
P5000-05	MH-733	Solid	Heneicosane	*	930.000	J		
P5000-05	MH-733	Solid	Heptadecane, 4-methyl-	*	390.000	J		

Hit Summary Sheet SW-846

SDG No.: BF112624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5000-05	MH-733	Solid	Heptylcyclohexane	*	990.000	J		
P5000-05	MH-733	Solid	Hexadecane	*	1,900.000	J		
P5000-05	MH-733	Solid	Naphthalene, 1,4,5-trimethyl-	*	940.000	J		
P5000-05	MH-733	Solid	Naphthalene, 1,6,7-trimethyl-	*	760.000	J		
P5000-05	MH-733	Solid	Pentadecane, 2,6,10-trimethyl-	*	2,600.000	J		
P5000-05	MH-733	Solid	Tridecane, 5-propyl-	*	490.000	J		
P5000-05	MH-733	Solid	Undecane, 2,6-dimethyl-	*	450.000	J		
P5000-05	MH-733	Solid	unknown10.163	*	1,400.000	J		
P5000-05	MH-733	Solid	unknown6.116	*	120.000	J		
P5000-05	MH-733	Solid	unknown8.098	*	120.000	J		
P5000-05	MH-733	Solid	unknown9.775	*	460.000	J		
Total Tics :					16,470.00			
P5000-05	MH-733	Solid	1-Methylnaphthalene		71.100	J 57	120	ug/Kg
P5000-05	MH-733	Solid	2-Methylnaphthalene		78.300	J 56.5	120	ug/Kg
P5000-05	MH-733	Solid	Benzo(a)anthracene		170.000	55.3	120	ug/Kg
P5000-05	MH-733	Solid	Benzo(a)pyrene		140.000	63.7	120	ug/Kg
P5000-05	MH-733	Solid	Benzo(b)fluoranthene		160.000	55.6	120	ug/Kg
P5000-05	MH-733	Solid	Benzo(g,h,i)perylene		58.300	J 54.9	120	ug/Kg
P5000-05	MH-733	Solid	Benzo(k)fluoranthene		69.000	J 56.6	120	ug/Kg
P5000-05	MH-733	Solid	Chrysene		140.000	54.5	120	ug/Kg
P5000-05	MH-733	Solid	Fluoranthene		240.000	56	120	ug/Kg
P5000-05	MH-733	Solid	Phenanthrene		250.000	57.6	120	ug/Kg
P5000-05	MH-733	Solid	Pyrene		200.000	56.9	120	ug/Kg
Total Svoc :					1,576.70			
Total Concentration:					18,046.70			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 10:01

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	PB165203BL	110120	6.87	416843	8.15	238677	9.91
02	PB165203BS	112733	6.87	437990	8.15	246749	9.91
03	PB165185BL	105126	6.87	399880	8.15	228462	9.90
04	PB165203BSD	107882	6.87	407913	8.15	232317	9.91
05	SW2	87953	6.87	330346	8.15	179774	9.90
06	SW4	73570	6.87	274159	8.15	145852	9.90
07	B2	80593	6.87	316931	8.15	169233	9.90
08	MH-745	78083	6.87	295176	8.15	156212	9.90
09	SW1	73427	6.87	268122	8.15	142144	9.90
10	PH2-BOT-006MS	72875	6.87	271368	8.15	144034	9.91
11	PH2-BOT-006MSD	75738	6.87	275981	8.15	148258	9.91
12	PH2-BOT-005	73436	6.87	269764	8.15	139709	9.90
13	AU-05-112124RE	60748	6.87	219263	8.15	116655 *	9.90
14	MH-756-WC	61737	6.87	223465	8.15	118471	9.90
15	MH-756-WCMS	52874 *	6.87	194368 *	8.15	102202 *	9.91
16	MH-756-WCMSD	52731 *	6.87	189393 *	8.15	102689 *	9.91
17	MH-732	61951	6.87	224280	8.15	115420 *	9.90
18	MH-732MS	54214	6.87	200806 *	8.15	102941 *	9.90
19	MH-732MSD	65801	6.88	240817	8.15	128112	9.91
20	MH-756-WC	57294	6.87	211473	8.15	116578 *	9.90
21	MH-734	65458	6.87	221877	8.15	119557	9.90
22	MH-740-WC	54801	6.87	196711 *	8.15	105898 *	9.90
23	MH-733	54207	6.87	196700 *	8.15	101641 *	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 20:11

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	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 CL-02-112224	68867	6.87	251988	8.15	129316	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.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140629.D Time Analyzed: 10:01

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	116102	6.875	431552	8.16	243269	9.91
	UPPER LIMIT	232204	7.375	863104	8.657	486538	10.41
	LOWER LIMIT	58051	6.375	215776	7.657	121634.5	9.41
	EPA SAMPLE NO.						
01	PB165203BL	110120	6.87	416843	8.15	238677	9.91
02	PB165203BS	112733	6.87	437990	8.15	246749	9.91
03	PB165185BL	105126	6.87	399880	8.15	228462	9.90
04	PB165203BSD	107882	6.87	407913	8.15	232317	9.91
05	SW2	87953	6.87	330346	8.15	179774	9.90
06	SW4	73570	6.87	274159	8.15	145852	9.90
07	B2	80593	6.87	316931	8.15	169233	9.90
08	MH-745	78083	6.87	295176	8.15	156212	9.90
09	SW1	73427	6.87	268122	8.15	142144	9.90
10	PH2-BOT-006MS	72875	6.87	271368	8.15	144034	9.91
11	PH2-BOT-006MSD	75738	6.87	275981	8.15	148258	9.91
12	PH2-BOT-005	73436	6.87	269764	8.15	139709	9.90
13	AU-05-112124RE	60748	6.87	219263	8.15	116655 *	9.90
14	MH-756-WC	61737	6.87	223465	8.15	118471 *	9.90
15	MH-756-WCMS	52874 *	6.87	194368 *	8.15	102202 *	9.91
16	MH-756-WCMSD	52731 *	6.87	189393 *	8.15	102689 *	9.91
17	MH-732	61951	6.87	224280	8.15	115420 *	9.90
18	MH-732MS	54214 *	6.87	200806 *	8.15	102941 *	9.90
19	MH-732MSD	65801	6.88	240817	8.15	128112	9.91
20	MH-756-WC	57294 *	6.87	211473 *	8.15	116578 *	9.90
21	MH-734	65458	6.87	221877	8.15	119557 *	9.90
22	MH-740-WC	54801 *	6.87	196711 *	8.15	105898 *	9.90
23	MH-733	54207 *	6.87	196700 *	8.15	101641 *	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140629.D Time Analyzed: 20:11

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	116102	6.875	431552	8.16	243269	9.91
UPPER LIMIT	232204	7.375	863104	8.657	486538	10.41
LOWER LIMIT	58051	6.375	215776	7.657	121634.5	9.41
EPA SAMPLE NO.						
24 CL-02-112224	68867	6.87	251988	8.15	129316	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.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 10:01

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	437466	11.404	239343	14.051	211422	15.539
	UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
	LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
	EPA SAMPLE NO.						
01	PB165203BL	464882	11.40	288723	14.05	217803	15.55
02	PB165203BS	453806	11.40	253441	14.05	212014	15.54
03	PB165185BL	446549	11.40	276414	14.05	209172	15.55
04	PB165203BSD	432267	11.40	245754	14.05	204825	15.54
05	SW2	329307	11.40	164232	14.05	173350	15.53
06	SW4	265820	11.40	148565	14.05	141430	15.54
07	B2	307469	11.40	164786	14.05	164960	15.54
08	MH-745	282217	11.40	154106	14.05	155161	15.54
09	SW1	269581	11.40	147066	14.05	144103	15.53
10	PH2-BOT-006MS	272823	11.40	144480	14.05	156989	15.54
11	PH2-BOT-006MSD	278787	11.40	147921	14.05	159754	15.54
12	PH2-BOT-005	252976	11.40	141346	14.05	153491	15.54
13	AU-05-112124RE	188337 *	11.40	135305	14.05	95803 *	15.54
14	MH-756-WC	203969 *	11.40	137103	14.05	110754	15.55
15	MH-756-WCMS	183562 *	11.40	117051 *	14.05	97925 *	15.54
16	MH-756-WCMSD	184551 *	11.40	115182 *	14.05	96060 *	15.55
17	MH-732	199114 *	11.40	136344	14.05	115827	15.54
18	MH-732MS	186502 *	11.40	120857	14.05	106006	15.55
19	MH-732MSD	225568	11.40	155066	14.05	144332	15.55
20	MH-756-WC	197040 *	11.40	136703	14.05	115889	15.55
21	MH-734	214269 *	11.40	134785	14.05	125191	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 26 2024 12:00AM

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

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	437466	11.404	239343	14.051	211422	15.539
UPPER LIMIT	874932	11.904	478686	14.551	422844	16.039
LOWER LIMIT	218733	10.904	119671.5	13.551	105711	15.039
EPA SAMPLE NO.						
22 MH-740-WC	193437 *	11.40	122817	14.05	103680 *	15.54
23 MH-733	156251 *	11.40	121038	14.05	101563 *	15.55
24 CL-02-112224	227783	11.40	139901	14.05	109768	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140629.D Time Analyzed: 10:01

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	448777	11.404	250776	14.051	214776	15.551
	UPPER LIMIT	897554	11.904	501552	14.551	429552	16.051
	LOWER LIMIT	224388.5	10.904	125388	13.551	107388	15.051
	EPA SAMPLE NO.						
01	PB165203BL	464882	11.40	288723	14.05	217803	15.55
02	PB165203BS	453806	11.40	253441	14.05	212014	15.54
03	PB165185BL	446549	11.40	276414	14.05	209172	15.55
04	PB165203BSD	432267	11.40	245754	14.05	204825	15.54
05	SW2	329307	11.40	164232	14.05	173350	15.53
06	SW4	265820	11.40	148565	14.05	141430	15.54
07	B2	307469	11.40	164786	14.05	164960	15.54
08	MH-745	282217	11.40	154106	14.05	155161	15.54
09	SW1	269581	11.40	147066	14.05	144103	15.53
10	PH2-BOT-006MS	272823	11.40	144480	14.05	156989	15.54
11	PH2-BOT-006MSD	278787	11.40	147921	14.05	159754	15.54
12	PH2-BOT-005	252976	11.40	141346	14.05	153491	15.54
13	AU-05-112124RE	188337 *	11.40	135305	14.05	95803 *	15.54
14	MH-756-WC	203969 *	11.40	137103	14.05	110754	15.55
15	MH-756-WCMS	183562 *	11.40	117051 *	14.05	97925 *	15.54
16	MH-756-WCMSD	184551 *	11.40	115182 *	14.05	96060 *	15.55
17	MH-732	199114 *	11.40	136344	14.05	115827	15.54
18	MH-732MS	186502 *	11.40	120857 *	14.05	106006 *	15.55
19	MH-732MSD	225568	11.40	155066	14.05	144332	15.55
20	MH-756-WC	197040 *	11.40	136703	14.05	115889	15.55
21	MH-734	214269 *	11.40	134785	14.05	125191	15.55

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112624 SAS No.: BF112624 SDG NO.: BF112624

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 26 2024 12:00AM

Lab File ID: BF140629.D Time Analyzed: 19:19

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	448777	11.404	250776	14.051	214776	15.551
UPPER LIMIT	897554	11.904	501552	14.551	429552	16.051
LOWER LIMIT	224388.5	10.904	125388	13.551	107388	15.051
EPA SAMPLE NO.						
22 MH-740-WC	193437 *	11.40	122817 *	14.05	103680 *	15.54
23 MH-733	156251 *	11.40	121038 *	14.05	101563 *	15.55
24 CL-02-112224	227783	11.40	139901	14.05	109768	15.54

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165203BS	n-Nitrosodimethylamine	50	45.9	ug/L	92				55	108	
	Pyridine	50	50.4	ug/L	101		*		29	97	
	Benzaldehyde	50	36.5	ug/L	73				10	162	
	Aniline	50	59.8	ug/L	120				10	130	
	Phenol	50	50.3	ug/L	101				66	118	
	bis(2-Chloroethyl)ether	50	50.2	ug/L	100				62	103	
	2-Chlorophenol	50	50.9	ug/L	102				70	117	
	1,2-Dichlorobenzene	50	47.6	ug/L	95				72	102	
	1,3-Dichlorobenzene	50	46.3	ug/L	93				71	103	
	1,4-Dichlorobenzene	50	46.8	ug/L	94				76	103	
	Benzyl Alcohol	50	51.1	ug/L	102		*		36	93	
	2-Methylphenol	50	49.6	ug/L	99				69	109	
	2,2-oxybis(1-Chloropropane)	50	52.4	ug/L	105		*		65	100	
	Acetophenone	50	45.5	ug/L	91				60	104	
	3+4-Methylphenols	50	48.6	ug/L	97				67	106	
	N-Nitroso-di-n-propylamine	50	49.2	ug/L	98				57	107	
	Hexachloroethane	50	46.9	ug/L	94				76	118	
	Nitrobenzene	50	44.4	ug/L	89				58	106	
	Isophorone	50	49	ug/L	98				61	102	
	2-Nitrophenol	50	49.9	ug/L	100				70	115	
	2,4-Dimethylphenol	50	61.2	ug/L	122				42	142	
	bis(2-Chloroethoxy)methane	50	48.3	ug/L	97				58	109	
	2,4-Dichlorophenol	50	48.9	ug/L	98				66	115	
	1,2,4-Trichlorobenzene	50	44.9	ug/L	90				41	115	
	Benzoic acid	50	43.7	ug/L	87				10	125	
	Naphthalene	50	46.7	ug/L	93				64	107	
	4-Chloroaniline	50	37	ug/L	74				10	85	
	Hexachlorobutadiene	50	44.3	ug/L	89				69	101	
	Caprolactam	50	50.5	ug/L	101				58	128	
	4-Chloro-3-methylphenol	50	48.8	ug/L	98				65	114	
	2-Methylnaphthalene	50	48.1	ug/L	96				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	46.9	ug/L	94				70	106	
	1,1-Biphenyl	50	46.7	ug/L	93				72	98	
	2-Chloronaphthalene	50	46	ug/L	92				59	106	
	2-Nitroaniline	50	47.4	ug/L	95				73	114	
	Dimethylphthalate	50	48.3	ug/L	97				64	103	
	Acenaphthylene	50	50	ug/L	100				79	103	
	2,6-Dinitrotoluene	50	45.7	ug/L	91				64	110	
	3-Nitroaniline	50	34.8	ug/L	70				28	100	
	Acenaphthene	50	47.6	ug/L	95				59	113	
	Total PAH	800	784.6	ug/L	98				59	113	
	2,4-Dinitrophenol	100	89.7	ug/L	90				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165203BS	4-Nitrophenol	100	95.1	ug/L	95				45	147	
	Dibenzofuran	50	46.4	ug/L	93				65	106	
	2,4-Dinitrotoluene	50	45.4	ug/L	91				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	91.1	ug/L	91				60	115	
	Diethylphthalate	50	47.2	ug/L	94				63	105	
	4-Chlorophenyl-phenylether	50	46.2	ug/L	92				61	104	
	Fluorene	50	46.2	ug/L	92				64	107	
	4-Nitroaniline	50	47	ug/L	94				55	125	
	4,6-Dinitro-2-methylphenol	50	54.3	ug/L	109				62	132	
	N-Nitrosodiphenylamine	50	49.2	ug/L	98				61	109	
	Azobenzene	50	48	ug/L	96				59	106	
	4-Bromophenyl-phenylether	50	48.6	ug/L	97				73	103	
	Hexachlorobenzene	50	47.1	ug/L	94				73	106	
	Atrazine	50	58.3	ug/L	117				76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	49	ug/L	98				62	109	
	Anthracene	50	51.6	ug/L	103				65	110	
	Carbazole	50	48.2	ug/L	96				62	106	
	Di-n-butylphthalate	50	50.7	ug/L	101				64	106	
	Fluoranthene	50	47.6	ug/L	95				64	110	
	Benzidine	100	47.1	ug/L	47				10	94	
	Pyrene	50	49.3	ug/L	99				71	103	
	Butylbenzylphthalate	50	53.1	ug/L	106		*		61	105	
	3,3-Dichlorobenzidine	50	34.7	ug/L	69				43	108	
	Benzo(a)anthracene	50	49.4	ug/L	99				62	107	
	Chrysene	50	50.5	ug/L	101				61	108	
	bis(2-Ethylhexyl)phthalate	50	56.7	ug/L	113		*		59	110	
	Di-n-octyl phthalate	50	57.9	ug/L	116				52	139	
	Benzo(b)fluoranthene	50	48.6	ug/L	97				77	113	
	Benzo(k)fluoranthene	50	49.7	ug/L	99				77	105	
	Benzo(a)pyrene	50	53.1	ug/L	106				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.9	ug/L	100				72	105	
	Dibenz(a,h)anthracene	50	49.9	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50	45.5	ug/L	91				75	118	
	1,2,4,5-Tetrachlorobenzene	50	46.2	ug/L	92				72	101	
	1,4-Dioxane	50	43.3	ug/L	87				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.1	ug/L	102				63	116	
	1-Methylnaphthalene	50	45.4	ug/L	91				51	114	
PB165203BSD	n-Nitrosodimethylamine	50	45.8	ug/L	92	0			55	108	20
	Pyridine	50	50.4	ug/L	101	0	*		29	97	20
	Benzaldehyde	50	36.6	ug/L	73	0			10	162	20
	Aniline	50	59.4	ug/L	119	1			10	130	20
	Phenol	50	49.9	ug/L	100	1			66	118	20
	bis(2-Chloroethyl)ether	50	49.2	ug/L	98	2			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165203BSD	2-Chlorophenol	50	51	ug/L	102	0			70	117	20
	1,2-Dichlorobenzene	50	47.6	ug/L	95	0			72	102	20
	1,3-Dichlorobenzene	50	46.5	ug/L	93	0			71	103	20
	1,4-Dichlorobenzene	50	46.7	ug/L	93	0			76	103	20
	Benzyl Alcohol	50	51.5	ug/L	103	1	*		36	93	20
	2-Methylphenol	50	49.5	ug/L	99	0			69	109	20
	2,2-oxybis(1-Chloropropane)	50	52.3	ug/L	105	0	*		65	100	20
	Acetophenone	50	46.4	ug/L	93	2			60	104	20
	3+4-Methylphenols	50	49.3	ug/L	99	1			67	106	20
	N-Nitroso-di-n-propylamine	50	48.8	ug/L	98	1			57	107	20
	Hexachloroethane	50	46.7	ug/L	93	0			76	118	20
	Nitrobenzene	50	45.7	ug/L	91	3			58	106	20
	Isophorone	50	49.7	ug/L	99	1			61	102	20
	2-Nitrophenol	50	49.6	ug/L	99	1			70	115	20
	2,4-Dimethylphenol	50	62.7	ug/L	125	2			42	142	20
	bis(2-Chloroethoxy)methane	50	49.4	ug/L	99	2			58	109	20
	2,4-Dichlorophenol	50	49.8	ug/L	100	2			66	115	20
	1,2,4-Trichlorobenzene	50	46	ug/L	92	2			41	115	20
	Benzoic acid	50	44.5	ug/L	89	2			10	125	20
	Naphthalene	50	47.6	ug/L	95	2			64	107	20
	4-Chloroaniline	50	31.2	ug/L	62	17			10	85	20
	Hexachlorobutadiene	50	45.1	ug/L	90	2			69	101	20
	Caprolactam	50	51.4	ug/L	103	2			58	128	20
	4-Chloro-3-methylphenol	50	49	ug/L	98	0			65	114	20
	2-Methylnaphthalene	50	49	ug/L	98	2			64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170	0	*		36	160	20
	2,4,6-Trichlorophenol	50	47.4	ug/L	95	2			61	110	20
	2,4,5-Trichlorophenol	50	46.8	ug/L	94	0			70	106	20
	1,1-Biphenyl	50	47	ug/L	94	1			72	98	20
	2-Chloronaphthalene	50	46.1	ug/L	92	0			59	106	20
	2-Nitroaniline	50	48.2	ug/L	96	2			73	114	20
	Dimethylphthalate	50	48.3	ug/L	97	0			64	103	20
	Acenaphthylene	50	50.3	ug/L	101	1			79	103	20
	2,6-Dinitrotoluene	50	46.8	ug/L	94	2			64	110	20
	3-Nitroaniline	50	33	ug/L	66	5			28	100	20
	Acenaphthene	50	47.5	ug/L	95	0			59	113	20
	Total PAH	800	791.2	ug/L	99	1			59	113	20
	2,4-Dinitrophenol	100	89.9	ug/L	90	0			36	166	20
	4-Nitrophenol	100	96.8	ug/L	97	2			45	147	20
	Dibenzofuran	50	46.8	ug/L	94	1			65	106	20
	2,4-Dinitrotoluene	50	47.4	ug/L	95	4			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	94.2	ug/L	94	3			60	115	20
	Diethylphthalate	50	47.5	ug/L	95	1			63	105	20
	4-Chlorophenyl-phenylether	50	46.4	ug/L	93	0			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112624**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165203BSD	Fluorene	50	45.9	ug/L	92	1			64	107	20
	4-Nitroaniline	50	47.2	ug/L	94	0			55	125	20
	4,6-Dinitro-2-methylphenol	50	54.7	ug/L	109	1			62	132	20
	N-Nitrosodiphenylamine	50	48.8	ug/L	98	1			61	109	20
	Azobenzene	50	48.4	ug/L	97	1			59	106	20
	4-Bromophenyl-phenylether	50	48.2	ug/L	96	1			73	103	20
	Hexachlorobenzene	50	47.2	ug/L	94	0			73	106	20
	Atrazine	50	57.9	ug/L	116	1			76	120	20
	Pentachlorophenol	100	100	ug/L	100	0			47	114	20
	Phenanthrene	50	48.9	ug/L	98	0			62	109	20
	Anthracene	50	50.9	ug/L	102	1			65	110	20
	Carbazole	50	49.1	ug/L	98	2			62	106	20
	Di-n-butylphthalate	50	50.3	ug/L	101	1			64	106	20
	Fluoranthene	50	48.4	ug/L	97	2			64	110	20
	Benzidine	100	48.1	ug/L	48	2			10	94	20
	Pyrene	50	49.4	ug/L	99	0			71	103	20
	Butylbenzylphthalate	50	53.9	ug/L	108	1	*		61	105	20
	3,3-Dichlorobenzidine	50	35.4	ug/L	71	2			43	108	20
	Benzo(a)anthracene	50	51.1	ug/L	102	3			62	107	20
	Chrysene	50	50.5	ug/L	101	0			61	108	20
	bis(2-Ethylhexyl)phthalate	50	57.7	ug/L	115	2	*		59	110	20
	Di-n-octyl phthalate	50	59	ug/L	118	2			52	139	20
	Benzo(b)fluoranthene	50	50.9	ug/L	102	5			77	113	20
	Benzo(k)fluoranthene	50	49.9	ug/L	100	0			77	105	20
	Benzo(a)pyrene	50	53.9	ug/L	108	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	50.2	ug/L	100	1			72	105	20
	Dibenz(a,h)anthracene	50	49.8	ug/L	100	0			78	115	20
	Benzo(g,h,i)perylene	50	46	ug/L	92	1			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	46.1	ug/L	92	0			72	101	20
	1,4-Dioxane	50	42.6	ug/L	85	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	53.5	ug/L	107	5			63	116	20
	1-Methylnaphthalene	50	46.4	ug/L	93	2			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PH2-BOT-006MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112624

SAS No.: BF112624 SDG NO.: BF112624

Lab File ID: BF140639.D

Lab Sample ID: P4860-09MS

Instrument ID: BNA_F

Date Extracted: 11/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 14:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PH2-BOT-006MS	P4860-09MS	BF140639.D	11/26/2024
PH2-BOT-006MSD	P4860-09MSD	BF140640.D	11/26/2024
PH2-BOT-005	P4860-10	BF140641.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165185BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112624

SAS No.: BF112624 SDG NO.: BF112624

Lab File ID: BF140632.D

Lab Sample ID: PB165185BL

Instrument ID: BNA_F

Date Extracted: 11/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 10:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SW2	P4960-04	BF140634.D	11/26/2024
SW4	P4960-06	BF140635.D	11/26/2024
B2	P4960-02	BF140636.D	11/26/2024
SW1	P4960-03	BF140638.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165203BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112624

SAS No.: BF112624 SDG NO.: BF112624

Lab File ID: BF140630.D

Lab Sample ID: PB165203BL

Instrument ID: BNA_F

Date Extracted: 11/22/2024

Matrix: (soil/water) Water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 10:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165203BS	PB165203BS	BF140631.D	11/26/2024
PB165203BSD	PB165203BSD	BF140633.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-745

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112624

SAS No.: BF112624 SDG NO.: BF112624

Lab File ID: BF140637.D

Lab Sample ID: P5000-01

Instrument ID: BNA_F

Date Extracted: 11/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 13:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-745	P5000-01	BF140637.D	11/26/2024
MH-756-WC	P4985-01	BF140643.D	11/26/2024
MH-756-WCMS	P4985-01MS	BF140644.D	11/26/2024
MH-756-WCMSD	P4985-01MSD	BF140645.D	11/26/2024
MH-740-WC	P4985-05	BF140651.D	11/26/2024
MH-733	P5000-05	BF140652.D	11/26/2024
CL-02-112224	P4971-01	BF140653.D	11/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-732

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112624

SAS No.: BF112624 SDG NO.: BF112624

Lab File ID: BF140646.D

Lab Sample ID: P4938-04

Instrument ID: BNA_F

Date Extracted: 11/26/2024

Matrix: (soil/water) water

Date Analyzed: 11/26/2024

Level: (low/med) LOW

Time Analyzed: 17:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-732	P4938-04	BF140646.D	11/26/2024
MH-732MS	P4938-04MS	BF140647.D	11/26/2024
MH-732MSD	P4938-04MSD	BF140648.D	11/26/2024
MH-756-WC	P4985-04	BF140649.D	11/26/2024
MH-734	P4938-08	BF140650.D	11/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

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: BF140647.D							
n-Nitrosodimethylamine	500		420	ug/L	84				10	130	
Pyridine	500		260	ug/L	52				10	109	
Benzaldehyde	500		56	ug/L	11				10	137	
Aniline	500		120	ug/L	24				10	130	
Phenol	500		460	ug/L	92				10	130	
bis(2-Chloroethyl)ether	500		460	ug/L	92				29	141	
2-Chlorophenol	500		480	ug/L	96				23	127	
1,2-Dichlorobenzene	500		420	ug/L	84				61	114	
1,3-Dichlorobenzene	500		400	ug/L	80				65	106	
1,4-Dichlorobenzene	500		400	ug/L	80				55	125	
Benzyl Alcohol	500		440	ug/L	88				31	94	
2-Methylphenol	500		490	ug/L	98				37	126	
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98				36	141	
Acetophenone	500		470	ug/L	94				31	164	
3+4-Methylphenols	500		500	ug/L	100				31	127	
N-Nitroso-di-n-propylamine	500		480	ug/L	96				36	147	
Hexachloroethane	500		380	ug/L	76				49	110	
Nitrobenzene	500		440	ug/L	88				62	112	
Isophorone	500		490	ug/L	98				39	146	
2-Nitrophenol	500		480	ug/L	96				30	148	
2,4-Dimethylphenol	500		610	ug/L	122				17	143	
bis(2-Chloroethoxy)methane	500		470	ug/L	94				39	143	
2,4-Dichlorophenol	500		490	ug/L	98				22	146	
1,2,4-Trichlorobenzene	500		420	ug/L	84				66	110	
Benzoic acid	500		460	ug/L	92				10	101	
Naphthalene	500		460	ug/L	92				17	157	
4-Chloroaniline	500		100	ug/L	20				10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		450	ug/L	90				10	130	
4-Chloro-3-methylphenol	500		500	ug/L	100				17	148	
2-Methylnaphthalene	500		480	ug/L	96				38	146	
Hexachlorocyclopentadiene	1000		960	ug/L	96				20	153	
2,4,6-Trichlorophenol	500		530	ug/L	106				78	112	
2,4,5-Trichlorophenol	500		530	ug/L	106				71	111	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		500	ug/L	100				41	145	
2-Nitroaniline	500		510	ug/L	102				39	151	
Dimethylphthalate	500		530	ug/L	106				42	147	
Acenaphthylene	500		550	ug/L	110				40	141	
2,6-Dinitrotoluene	500		500	ug/L	100				43	148	
3-Nitroaniline	500		100	ug/L	20				10	111	
Acenaphthene	500		530	ug/L	106				37	146	
Total PAH	8000		7990	ug/L	100				37	146	
2,4-Dinitrophenol	1000		890	ug/L	89				14	167	
4-Nitrophenol	1000		1100	ug/L	110				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1020	ug/L	102				50	142	
2,4-Dinitrotoluene	500		520	ug/L	104				50	142	
Diethylphthalate	500		510	ug/L	102				41	148	
4-Chlorophenyl-phenylether	500		510	ug/L	102				38	149	
Fluorene	500		510	ug/L	102				39	144	
4-Nitroaniline	500		340	ug/L	68				27	138	
4,6-Dinitro-2-methylphenol	500		490	ug/L	98				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		490	ug/L	98				72	112	
4-Bromophenyl-phenylether	500		540	ug/L	108				42	151	
Hexachlorobenzene	500		500	ug/L	100				72	115	
Atrazine	500		450	ug/L	90				20	162	
Pentachlorophenol	1000		1100	ug/L	110				25	139	
Phenanthrene	500		530	ug/L	106				40	147	
Anthracene	500		560	ug/L	112				41	146	
Carbazole	500		500	ug/L	100				37	154	
Di-n-butylphthalate	500		540	ug/L	108				40	151	
Fluoranthene	500		490	ug/L	98				42	146	
Benzydine	1000		140	ug/L	14				10	130	
Pyrene	500		420	ug/L	84				41	149	
Butylbenzylphthalate	500		480	ug/L	96				39	155	
3,3-Dichlorobenzidine	500		110	ug/L	22				10	114	
Benzo(a)anthracene	500		550	ug/L	110				41	147	
Chrysene	500		520	ug/L	104				44	144	
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102				33	160	
Di-n-octyl phthalate	500		570	ug/L	114				36	158	
Benzo(b)fluoranthene	500		560	ug/L	112				40	150	
Benzo(k)fluoranthene	500		560	ug/L	112				40	147	
Benzo(a)pyrene	500		560	ug/L	112				42	147	
Indeno(1,2,3-cd)pyrene	500		410	ug/L	82				30	166	
Dibenz(a,h)anthracene	500		420	ug/L	84				23	172	
Benzo(g,h,i)perylene	500		360	ug/L	72				27	167	
1,2,4,5-Tetrachlorobenzene	500		500	ug/L	100				89	102	
1,4-Dioxane	500		400	ug/L	80				38	130	
2,3,4,6-Tetrachlorophenol	500		580	ug/L	116	*			91	111	
1-Methylnaphthalene	500		450	ug/L	90				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

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: BF140648.D				
n-Nitrosodimethylamine	500		450	ug/L	90		7		10	130	20
Pyridine	500		300	ug/L	60		14		10	109	20
Benzaldehyde	500		62.7	ug/L	13		17		10	137	20
Aniline	500		140	ug/L	28		15		10	130	20
Phenol	500		480	ug/L	96		4		10	130	20
bis(2-Chloroethyl)ether	500		490	ug/L	98		6		29	141	20
2-Chlorophenol	500		500	ug/L	100		4		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		2		61	114	20
1,3-Dichlorobenzene	500		420	ug/L	84		5		65	106	20
1,4-Dichlorobenzene	500		430	ug/L	86		7		55	125	20
Benzyl Alcohol	500		460	ug/L	92		4		31	94	20
2-Methylphenol	500		510	ug/L	102		4		37	126	20
2,2-oxybis(1-Chloropropane)	500		510	ug/L	102		4		36	141	20
Acetophenone	500		500	ug/L	100		6		31	164	20
3+4-Methylphenols	500		520	ug/L	104		4		31	127	20
N-Nitroso-di-n-propylamine	500		490	ug/L	98		2		36	147	20
Hexachloroethane	500		400	ug/L	80		5		49	110	20
Nitrobenzene	500		460	ug/L	92		4		62	112	20
Isophorone	500		510	ug/L	102		4		39	146	20
2-Nitrophenol	500		510	ug/L	102		6		30	148	20
2,4-Dimethylphenol	500		660	ug/L	132		8		17	143	20
bis(2-Chloroethoxy)methane	500		490	ug/L	98		4		39	143	20
2,4-Dichlorophenol	500		530	ug/L	106		8		22	146	20
1,2,4-Trichlorobenzene	500		450	ug/L	90		7		66	110	20
Benzoic acid	500		510	ug/L	102	*	10		10	101	20
Naphthalene	500		490	ug/L	98		6		17	157	20
4-Chloroaniline	500		94.2	ug/L	19		5		10	95	20
Hexachlorobutadiene	500		430	ug/L	86		5		52	125	20
Caprolactam	500		470	ug/L	94		4		10	130	20
4-Chloro-3-methylphenol	500		520	ug/L	104		4		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		6		38	146	20
Hexachlorocyclopentadiene	1000		1100	ug/L	110		14		20	153	20
2,4,6-Trichlorophenol	500		550	ug/L	110		4		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		2		71	111	20
1,1-Biphenyl	500		530	ug/L	106		4		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		2		41	145	20
2-Nitroaniline	500		530	ug/L	106		4		39	151	20
Dimethylphthalate	500		540	ug/L	108		2		42	147	20
Acenaphthylene	500		560	ug/L	112		2		40	141	20
2,6-Dinitrotoluene	500		510	ug/L	102		2		43	148	20
3-Nitroaniline	500		110	ug/L	22		10		10	111	20
Acenaphthene	500		530	ug/L	106		0		37	146	20
Total PAH	8000		8170	ug/L	102		2		37	146	20
2,4-Dinitrophenol	1000		940	ug/L	94		5		14	167	20
4-Nitrophenol	1000		1000	ug/L	100		10		10	130	20
Dibenzofuran	500		530	ug/L	106		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1020	ug/L	102		0		50	142	20
2,4-Dinitrotoluene	500		510	ug/L	102		2		50	142	20
Diethylphthalate	500		520	ug/L	104		2		41	148	20
4-Chlorophenyl-phenylether	500		520	ug/L	104		2		38	149	20
Fluorene	500		520	ug/L	104		2		39	144	20
4-Nitroaniline	500		350	ug/L	70		3		27	138	20
4,6-Dinitro-2-methylphenol	500		570	ug/L	114		15		32	175	20
N-Nitrosodiphenylamine	500		470	ug/L	94		0		40	150	20
Azobenzene	500		490	ug/L	98		0		72	112	20
4-Bromophenyl-phenylether	500		540	ug/L	108		0		42	151	20
Hexachlorobenzene	500		510	ug/L	102		2		72	115	20
Atrazine	500		390	ug/L	78		14		20	162	20
Pentachlorophenol	1000		1200	ug/L	120		9		25	139	20
Phenanthrene	500		550	ug/L	110		4		40	147	20
Anthracene	500		570	ug/L	114		2		41	146	20
Carbazole	500		500	ug/L	100		0		37	154	20
Di-n-butylphthalate	500		580	ug/L	116		7		40	151	20
Fluoranthene	500		520	ug/L	104		6		42	146	20
Benzydine	1000		130	ug/L	13		7		10	130	20
Pyrene	500		430	ug/L	86		2		41	149	20
Butylbenzylphthalate	500		480	ug/L	96		0		39	155	20
3,3-Dichlorobenzidine	500		91.9	ug/L	18		20		10	114	20
Benzo(a)anthracene	500		550	ug/L	110		0		41	147	20
Chrysene	500		540	ug/L	108		4		44	144	20
bis(2-Ethylhexyl)phthalate	500		510	ug/L	102		0		33	160	20
Di-n-octyl phthalate	500		610	ug/L	122		7		36	158	20
Benzo(b)fluoranthene	500		550	ug/L	110		2		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		5		40	147	20
Benzo(a)pyrene	500		580	ug/L	116		4		42	147	20
Indeno(1,2,3-cd)pyrene	500		410	ug/L	82		0		30	166	20
Dibenz(a,h)anthracene	500		420	ug/L	84		0		23	172	20
Benzo(g,h,i)perylene	500		360	ug/L	72		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102		2		89	102	20
1,4-Dioxane	500		410	ug/L	82		2		38	130	20
2,3,4,6-Tetrachlorophenol	500		600	ug/L	120	*	3		91	111	20
1-Methylnaphthalene	500		480	ug/L	96		6		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

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: BF140644.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		680	ug/Kg	62				10	86	
Aniline	1100		900	ug/Kg	82				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		1100	ug/Kg	100				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		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		1100	ug/Kg	100				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		990	ug/Kg	90				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1000	ug/Kg	91				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1000	ug/Kg	91				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		980	ug/Kg	89				57	103	
Benzoic acid	1100		870	ug/Kg	79				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		400	ug/Kg	36				10	91	
Hexachlorobutadiene	1100		990	ug/Kg	90				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		1600	ug/Kg	70				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		710	ug/Kg	65				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		17090	ug/Kg	97				70	121	
2,4-Dinitrophenol	2300		1400	ug/Kg	61				10	155	
4-Nitrophenol	2300		2300	ug/Kg	100				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

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		2200	ug/Kg	100				55	128	
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		960	ug/Kg	87				55	120	
4,6-Dinitro-2-methylphenol	1100		930	ug/Kg	85				10	160	
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109				73	118	
Azobenzene	1100		1200	ug/Kg	109				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2300		2300	ug/Kg	100				47	128	
Phenanthrene	1100		1200	ug/Kg	109				52	128	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1000	ug/Kg	91				44	125	
Benzydine	2300		1100	ug/Kg	48				10	119	
Pyrene	1100		940	ug/Kg	85				26	142	
Butylbenzylphthalate	1100		1000	ug/Kg	91				64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				33	116	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91				42	169	
Di-n-octyl phthalate	1100		1200	ug/Kg	109				23	175	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1200	ug/Kg	109				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		850	ug/Kg	77				40	129	
Dibenz(a,h)anthracene	1100		850	ug/Kg	77				43	123	
Benzo(g,h,i)perylene	1100		750	ug/Kg	68				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		960	ug/Kg	87				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				69	112	
1-Methylnaphthalene	1100		1000	ug/Kg	91				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

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: BF140645.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		9		66	124	20
Pyridine	1100		1200	ug/Kg	109		9		45	119	20
Benzaldehyde	1100		740	ug/Kg	67		8		10	86	20
Aniline	1100		930	ug/Kg	85		4		10	88	20
Phenol	1100		1200	ug/Kg	109		9		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		9		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	9		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		9		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		9		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		0		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		9		65	110	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100		0		66	104	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100		9		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		11		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		9		70	119	20
Isophorone	1100		1100	ug/Kg	100		9		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		9		54	145	20
2,4-Dimethylphenol	1100		1400	ug/Kg	127		7		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		9		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		12		57	103	20
Benzoic acid	1100		950	ug/Kg	86		8		50	104	20
Naphthalene	1100		1100	ug/Kg	100		9		72	110	20
4-Chloroaniline	1100		450	ug/Kg	41		13		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		11		66	114	20
Caprolactam	1100		1200	ug/Kg	109		9		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		9		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2300		1800	ug/Kg	78		11		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		9		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		9		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		0		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		720	ug/Kg	65		0		30	99	20
Acenaphthene	1100		1200	ug/Kg	109		9		70	121	20
Total PAH	17600		18120	ug/Kg	103		6		70	121	20
2,4-Dinitrophenol	2300		1500	ug/Kg	65		6		10	155	20
4-Nitrophenol	2300		2500	ug/Kg	109		9		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		9		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		5		55	128	20
2,4-Dinitrotoluene	1100		1200	ug/Kg	109		9		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		0		71	108	20
Fluorene	1100		1200	ug/Kg	109		9		68	116	20
4-Nitroaniline	1100		1000	ug/Kg	91		4		55	120	20
4,6-Dinitro-2-methylphenol	1100		1000	ug/Kg	91		7		10	160	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		0		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		9		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1500	ug/Kg	136	*	7		79	127	20
Pentachlorophenol	2300		2300	ug/Kg	100		0		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		0		52	128	20
Anthracene	1100		1200	ug/Kg	109		0		62	124	20
Carbazole	1100		1200	ug/Kg	109		9		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		0		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		9		44	125	20
Benzydine	2300		1200	ug/Kg	52		8		10	119	20
Pyrene	1100		1000	ug/Kg	91		7		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		9		64	126	20
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91		0		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1200	ug/Kg	109		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100		9		42	169	20
Di-n-octyl phthalate	1100		1300	ug/Kg	118		8		23	175	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		8		67	121	20
Benzo(k)fluoranthene	1100		1300	ug/Kg	118		8		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		900	ug/Kg	82		6		40	129	20
Dibenz(a,h)anthracene	1100		930	ug/Kg	85		10		43	123	20
Benzo(g,h,i)perylene	1100		790	ug/Kg	72		6		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		9		69	124	20
1,4-Dioxane	1100		1000	ug/Kg	91		4		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118	*	17		69	112	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		9		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4860-09MS		Client Sample ID: PH2-BOT-006MS		DataFile: BF140639.D							
n-Nitrosodimethylamine	1700		1600	ug/Kg	94				66	124	
Pyridine	1700		1700	ug/Kg	100				45	119	
Benzaldehyde	1700		210	ug/Kg	12				10	86	
Aniline	1700		1300	ug/Kg	76				10	88	
Phenol	1700		1600	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1700		1600	ug/Kg	94				54	125	
2-Chlorophenol	1700		1700	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1700		1600	ug/Kg	94				61	105	
1,3-Dichlorobenzene	1700		1600	ug/Kg	94				62	101	
1,4-Dichlorobenzene	1700		1600	ug/Kg	94				63	104	
Benzyl Alcohol	1700		1600	ug/Kg	94				47	126	
2-Methylphenol	1700		1600	ug/Kg	94				66	122	
2,2-oxybis(1-Chloropropane)	1700		1700	ug/Kg	100				65	110	
Acetophenone	1700		1600	ug/Kg	94				75	111	
3+4-Methylphenols	1700		1600	ug/Kg	94				66	104	
N-Nitroso-di-n-propylamine	1700		1600	ug/Kg	94				59	119	
Hexachloroethane	1700		1600	ug/Kg	94				65	117	
Nitrobenzene	1700		1500	ug/Kg	88				70	119	
Isophorone	1700		1600	ug/Kg	94				76	122	
2-Nitrophenol	1700		1600	ug/Kg	94				54	145	
2,4-Dimethylphenol	1700		1900	ug/Kg	112				44	135	
bis(2-Chloroethoxy)methane	1700		1600	ug/Kg	94				68	112	
2,4-Dichlorophenol	1700		1600	ug/Kg	94				72	118	
1,2,4-Trichlorobenzene	1700		1500	ug/Kg	88				57	103	
Benzoic acid	1700		1400	ug/Kg	82				50	104	
Naphthalene	1700		1600	ug/Kg	94				72	110	
4-Chloroaniline	1700		680	ug/Kg	40				10	91	
Hexachlorobutadiene	1700		1500	ug/Kg	88				66	114	
Caprolactam	1700		1600	ug/Kg	94				51	134	
4-Chloro-3-methylphenol	1700		1600	ug/Kg	94				57	132	
2-Methylnaphthalene	1700		1600	ug/Kg	94				59	123	
Hexachlorocyclopentadiene	3400		4700	ug/Kg	138				10	175	
2,4,6-Trichlorophenol	1700		1600	ug/Kg	94				72	117	
2,4,5-Trichlorophenol	1700		1700	ug/Kg	100				72	117	
1,1-Biphenyl	1700		1600	ug/Kg	94				75	113	
2-Chloronaphthalene	1700		1600	ug/Kg	94				67	118	
2-Nitroaniline	1700		1600	ug/Kg	94				69	127	
Dimethylphthalate	1700		1600	ug/Kg	94				70	113	
Acenaphthylene	1700		1700	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1700		1600	ug/Kg	94				70	125	
3-Nitroaniline	1700		940	ug/Kg	55				30	99	
Acenaphthene	1700		1600	ug/Kg	94				70	121	
Total PAH	27200		26000	ug/Kg	96				70	121	
2,4-Dinitrophenol	3400		3000	ug/Kg	88				10	155	
4-Nitrophenol	3400		3600	ug/Kg	106				45	133	
Dibenzofuran	1700		1600	ug/Kg	94				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1700		1600	ug/Kg	94				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3400		3200	ug/Kg	94				55	128	
Diethylphthalate	1700		1600	ug/Kg	94				70	112	
4-Chlorophenyl-phenylether	1700		1600	ug/Kg	94				71	108	
Fluorene	1700		1600	ug/Kg	94				68	116	
4-Nitroaniline	1700		1600	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1700		1700	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1700		1600	ug/Kg	94				73	118	
Azobenzene	1700		2000	ug/Kg	118	*			73	110	
4-Bromophenyl-phenylether	1700		1600	ug/Kg	94				65	121	
Hexachlorobenzene	1700		1600	ug/Kg	94				67	118	
Atrazine	1700		1900	ug/Kg	112				79	127	
Pentachlorophenol	3400		3400	ug/Kg	100				47	128	
Phenanthrene	1700		1700	ug/Kg	100				52	128	
Anthracene	1700		1700	ug/Kg	100				62	124	
Carbazole	1700		1700	ug/Kg	100				59	119	
Di-n-butylphthalate	1700		1700	ug/Kg	100				69	118	
Fluoranthene	1700		1600	ug/Kg	94				44	125	
Benzydine	3400		560	ug/Kg	16				10	119	
Pyrene	1700		1800	ug/Kg	106				26	142	
Butylbenzylphthalate	1700		1900	ug/Kg	112				64	126	
3,3-Dichlorobenzidine	1700		1100	ug/Kg	65				33	116	
Benzo(a)anthracene	1700		1700	ug/Kg	100				71	114	
Chrysene	1700		1600	ug/Kg	94				57	121	
bis(2-Ethylhexyl)phthalate	1700		2000	ug/Kg	118				42	169	
Di-n-octyl phthalate	1700		2000	ug/Kg	118				23	175	
Benzo(b)fluoranthene	1700		1500	ug/Kg	88				67	121	
Benzo(k)fluoranthene	1700		1600	ug/Kg	94				57	134	
Benzo(a)pyrene	1700		1800	ug/Kg	106				70	142	
Indeno(1,2,3-cd)pyrene	1700		1600	ug/Kg	94				40	129	
Dibenz(a,h)anthracene	1700		1600	ug/Kg	94				43	123	
Benzo(g,h,i)perylene	1700		1300	ug/Kg	76				24	125	
1,2,4,5-Tetrachlorobenzene	1700		1600	ug/Kg	94				69	124	
1,4-Dioxane	1700		1500	ug/Kg	88				46	112	
2,3,4,6-Tetrachlorophenol	1700		1700	ug/Kg	100				69	112	
1-Methylnaphthalene	1700		1500	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4860-09MSD		Client Sample ID: PH2-BOT-006MSD		DataFile: BF140640.D							
n-Nitrosodimethylamine	1700		1600	ug/Kg	94		0		66	124	20
Pyridine	1700		1700	ug/Kg	100		0		45	119	20
Benzaldehyde	1700		210	ug/Kg	12		0		10	86	20
Aniline	1700		1300	ug/Kg	76		0		10	88	20
Phenol	1700		1600	ug/Kg	94		0		67	126	20
bis(2-Chloroethyl)ether	1700		1600	ug/Kg	94		0		54	125	20
2-Chlorophenol	1700		1600	ug/Kg	94		6		79	107	20
1,2-Dichlorobenzene	1700		1600	ug/Kg	94		0		61	105	20
1,3-Dichlorobenzene	1700		1500	ug/Kg	88		7		62	101	20
1,4-Dichlorobenzene	1700		1500	ug/Kg	88		7		63	104	20
Benzyl Alcohol	1700		1600	ug/Kg	94		0		47	126	20
2-Methylphenol	1700		1600	ug/Kg	94		0		66	122	20
2,2-oxybis(1-Chloropropane)	1700		1700	ug/Kg	100		0		65	110	20
Acetophenone	1700		1600	ug/Kg	94		0		75	111	20
3+4-Methylphenols	1700		1600	ug/Kg	94		0		66	104	20
N-Nitroso-di-n-propylamine	1700		1600	ug/Kg	94		0		59	119	20
Hexachloroethane	1700		1500	ug/Kg	88		7		65	117	20
Nitrobenzene	1700		1500	ug/Kg	88		0		70	119	20
Isophorone	1700		1600	ug/Kg	94		0		76	122	20
2-Nitrophenol	1700		1700	ug/Kg	100		6		54	145	20
2,4-Dimethylphenol	1700		1900	ug/Kg	112		0		44	135	20
bis(2-Chloroethoxy)methane	1700		1600	ug/Kg	94		0		68	112	20
2,4-Dichlorophenol	1700		1600	ug/Kg	94		0		72	118	20
1,2,4-Trichlorobenzene	1700		1500	ug/Kg	88		0		57	103	20
Benzoic acid	1700		1500	ug/Kg	88		7		50	104	20
Naphthalene	1700		1600	ug/Kg	94		0		72	110	20
4-Chloroaniline	1700		680	ug/Kg	40		0		10	91	20
Hexachlorobutadiene	1700		1500	ug/Kg	88		0		66	114	20
Caprolactam	1700		1700	ug/Kg	100		6		51	134	20
4-Chloro-3-methylphenol	1700		1600	ug/Kg	94		0		57	132	20
2-Methylnaphthalene	1700		1600	ug/Kg	94		0		59	123	20
Hexachlorocyclopentadiene	3400		4700	ug/Kg	138		0		10	175	20
2,4,6-Trichlorophenol	1700		1700	ug/Kg	100		6		72	117	20
2,4,5-Trichlorophenol	1700		1600	ug/Kg	94		6		72	117	20
1,1-Biphenyl	1700		1600	ug/Kg	94		0		75	113	20
2-Chloronaphthalene	1700		1600	ug/Kg	94		0		67	118	20
2-Nitroaniline	1700		1600	ug/Kg	94		0		69	127	20
Dimethylphthalate	1700		1700	ug/Kg	100		6		70	113	20
Acenaphthylene	1700		1700	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1700		1600	ug/Kg	94		0		70	125	20
3-Nitroaniline	1700		970	ug/Kg	57		4		30	99	20
Acenaphthene	1700		1600	ug/Kg	94		0		70	121	20
Total PAH	27200		26200	ug/Kg	96		0		70	121	20
2,4-Dinitrophenol	3400		3200	ug/Kg	94		7		10	155	20
4-Nitrophenol	3400		3700	ug/Kg	109		3		45	133	20
Dibenzofuran	1700		1700	ug/Kg	100		6		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112624

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1700		1600	ug/Kg	94		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3400		3200	ug/Kg	94		0		55	128	20
Diethylphthalate	1700		1600	ug/Kg	94		0		70	112	20
4-Chlorophenyl-phenylether	1700		1600	ug/Kg	94		0		71	108	20
Fluorene	1700		1600	ug/Kg	94		0		68	116	20
4-Nitroaniline	1700		1600	ug/Kg	94		0		55	120	20
4,6-Dinitro-2-methylphenol	1700		1800	ug/Kg	106		6		10	160	20
N-Nitrosodiphenylamine	1700		1700	ug/Kg	100		6		73	118	20
Azobenzene	1700		2000	ug/Kg	118	*	0		73	110	20
4-Bromophenyl-phenylether	1700		1600	ug/Kg	94		0		65	121	20
Hexachlorobenzene	1700		1600	ug/Kg	94		0		67	118	20
Atrazine	1700		2000	ug/Kg	118		5		79	127	20
Pentachlorophenol	3400		3600	ug/Kg	106		6		47	128	20
Phenanthrene	1700		1700	ug/Kg	100		0		52	128	20
Anthracene	1700		1800	ug/Kg	106		6		62	124	20
Carbazole	1700		1700	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1700		1700	ug/Kg	100		0		69	118	20
Fluoranthene	1700		1600	ug/Kg	94		0		44	125	20
Benzidine	3400		600	ug/Kg	18		12		10	119	20
Pyrene	1700		1800	ug/Kg	106		0		26	142	20
Butylbenzylphthalate	1700		1900	ug/Kg	112		0		64	126	20
3,3-Dichlorobenzidine	1700		1200	ug/Kg	71		9		33	116	20
Benzo(a)anthracene	1700		1700	ug/Kg	100		0		71	114	20
Chrysene	1700		1600	ug/Kg	94		0		57	121	20
bis(2-Ethylhexyl)phthalate	1700		2000	ug/Kg	118		0		42	169	20
Di-n-octyl phthalate	1700		1900	ug/Kg	112		5		23	175	20
Benzo(b)fluoranthene	1700		1500	ug/Kg	88		0		67	121	20
Benzo(k)fluoranthene	1700		1700	ug/Kg	100		6		57	134	20
Benzo(a)pyrene	1700		1800	ug/Kg	106		0		70	142	20
Indeno(1,2,3-cd)pyrene	1700		1600	ug/Kg	94		0		40	129	20
Dibenz(a,h)anthracene	1700		1600	ug/Kg	94		0		43	123	20
Benzo(g,h,i)perylene	1700		1300	ug/Kg	76		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1700		1600	ug/Kg	94		0		69	124	20
1,4-Dioxane	1700		1500	ug/Kg	88		0		46	112	20
2,3,4,6-Tetrachlorophenol	1700		1800	ug/Kg	106		6		69	112	20
1-Methylnaphthalene	1700		1500	ug/Kg	88		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF112624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4860-09MS	PH2-BOT-006MS	BF140639.D	2-Fluorophenol	150	103.87	69		18	112
			Phenol-d6	150	103.47	69		15	107
			Nitrobenzene-d5	100	71.23	71		18	107
			2-Fluorobiphenyl	100	73.49	73		20	109
			2,4,6-Tribromophenol	150	108.90	73		10	116
			Terphenyl-d14	100	83.98	84		10	105
P4860-09MSD	PH2-BOT-006MSDBF140640.D		2-Fluorophenol	150	101.97	68		18	112
			Phenol-d6	150	102.59	68		15	107
			Nitrobenzene-d5	100	71.91	72		18	107
			2-Fluorobiphenyl	100	73.56	74		20	109
			2,4,6-Tribromophenol	150	112.80	75		10	116
			Terphenyl-d14	100	84.95	85		10	105
P4860-10	PH2-BOT-005	BF140641.D	2-Fluorophenol	150	84.13	56		18	112
			Phenol-d6	150	85.56	57		15	107
			Nitrobenzene-d5	100	59.09	59		18	107
			2-Fluorobiphenyl	100	65.15	65		20	109
			2,4,6-Tribromophenol	150	73.97	49		10	116
			Terphenyl-d14	100	68.44	68		10	105

Surrogate Summary

SW-846

SDG No.: **BF112624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4951-01RE	AU-05-112124RE	BF140642.D	2-Fluorophenol	150	92.01	61		18	112
			Phenol-d6	150	89.82	60		15	107
			Nitrobenzene-d5	100	62.70	63		18	107
			2-Fluorobiphenyl	100	61.35	61		20	109
			2,4,6-Tribromophenol	150	82.50	55		10	116
			Terphenyl-d14	100	46.45	46		10	105
P4960-02	B2	BF140636.D	2-Fluorophenol	150	90.81	61		18	112
			Phenol-d6	150	91.03	61		15	107
			Nitrobenzene-d5	100	61.25	61		18	107
			2-Fluorobiphenyl	100	62.52	63		20	109
			2,4,6-Tribromophenol	150	85.28	57		10	116
			Terphenyl-d14	100	63.53	64		10	105
P4960-03	SW1	BF140638.D	2-Fluorophenol	150	88.91	59		18	112
			Phenol-d6	150	87.07	58		15	107
			Nitrobenzene-d5	100	60.67	61		18	107
			2-Fluorobiphenyl	100	63.44	63		20	109
			2,4,6-Tribromophenol	150	88.85	59		10	116
			Terphenyl-d14	100	67.80	68		10	105
P4960-04	SW2	BF140634.D	2-Fluorophenol	150	105.07	70		18	112
			Phenol-d6	150	103.20	69		15	107
			Nitrobenzene-d5	100	69.58	70		18	107
			2-Fluorobiphenyl	100	69.91	70		20	109
			2,4,6-Tribromophenol	150	103.24	69		10	116
			Terphenyl-d14	100	74.40	74		10	105
P4960-06	SW4	BF140635.D	2-Fluorophenol	150	94.58	63		18	112
			Phenol-d6	150	91.61	61		15	107
			Nitrobenzene-d5	100	62.94	63		18	107
			2-Fluorobiphenyl	100	66.24	66		20	109
			2,4,6-Tribromophenol	150	88.39	59		10	116
			Terphenyl-d14	100	69.19	69		10	105
PB165185BL	PB165185BL	BF140632.D	2-Fluorophenol	150	136.20	91		18	112
			Phenol-d6	150	132.39	88		15	107
			Nitrobenzene-d5	100	89.92	90		18	107
			2-Fluorobiphenyl	100	87.93	88		20	109
			2,4,6-Tribromophenol	150	131.19	87		10	116
			Terphenyl-d14	100	90.18	90		10	105

Surrogate Summary

SW-846

SDG No.: **BF112624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165203BL	PB165203BL	BF140630.D	2-Fluorophenol	150	132.47	88		10	139
			Phenol-d6	150	132.69	88		10	134
			Nitrobenzene-d5	100	91.08	91		49	133
			2-Fluorobiphenyl	100	89.30	89		52	132
			2,4,6-Tribromophenol	150	133.12	89		44	137
			Terphenyl-d14	100	89.68	90		48	125
PB165203BS	PB165203BS	BF140631.D	2-Fluorophenol	150	138.55	92		10	139
			Phenol-d6	150	135.21	90		10	134
			Nitrobenzene-d5	100	90.90	91		49	133
			2-Fluorobiphenyl	100	89.12	89		52	132
			2,4,6-Tribromophenol	150	136.80	91		44	137
			Terphenyl-d14	100	97.31	97		48	125
PB165203BSD	PB165203BSD	BF140633.D	2-Fluorophenol	150	136.21	91		10	139
			Phenol-d6	150	136.51	91		10	134
			Nitrobenzene-d5	100	93.10	93		49	133
			2-Fluorobiphenyl	100	89.78	90		52	132
			2,4,6-Tribromophenol	150	137.98	92		44	137
			Terphenyl-d14	100	98.79	99		48	125

Surrogate Summary

SW-846

SDG No.: **BF112624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4971-01	CL-02-112224	BF140653.D	2-Fluorophenol	150	102.37	68		18	112
			Phenol-d6	150	103.29	69		15	107
			Nitrobenzene-d5	100	70.80	71		18	107
			2-Fluorobiphenyl	100	73.91	74		20	109
			2,4,6-Tribromophenol	150	95.40	64		10	116
			Terphenyl-d14	100	67.92	68		10	105
P4985-01	MH-756-WC	BF140643.D	2-Fluorophenol	150	105.12	70		18	112
			Phenol-d6	150	103.23	69		15	107
			Nitrobenzene-d5	100	71.82	72		18	107
			2-Fluorobiphenyl	100	71.80	72		20	109
			2,4,6-Tribromophenol	150	98.38	66		10	116
			Terphenyl-d14	100	54.50	54		10	105
P4985-01MS	MH-756-WCMS	BF140644.D	2-Fluorophenol	150	99.39	66		18	112
			Phenol-d6	150	96.08	64		15	107
			Nitrobenzene-d5	100	65.67	66		18	107
			2-Fluorobiphenyl	100	66.51	67		20	109
			2,4,6-Tribromophenol	150	99.53	66		10	116
			Terphenyl-d14	100	54.79	55		10	105
P4985-01MSD	MH-756-WCMSD	BF140645.D	2-Fluorophenol	150	103.50	69		18	112
			Phenol-d6	150	100.92	67		15	107
			Nitrobenzene-d5	100	70.69	71		18	107
			2-Fluorobiphenyl	100	69.65	70		20	109
			2,4,6-Tribromophenol	150	102.94	69		10	116
			Terphenyl-d14	100	58.61	59		10	105
P4985-05	MH-740-WC	BF140651.D	2-Fluorophenol	150	76.19	51		18	112
			Phenol-d6	150	74.89	50		15	107
			Nitrobenzene-d5	100	50.36	50		18	107
			2-Fluorobiphenyl	100	53.04	53		20	109
			2,4,6-Tribromophenol	150	70.85	47		10	116
			Terphenyl-d14	100	42.64	43		10	105
P5000-01	MH-745	BF140637.D	2-Fluorophenol	150	78.72	52		18	112
			Phenol-d6	150	76.74	51		15	107
			Nitrobenzene-d5	100	51.62	52		18	107
			2-Fluorobiphenyl	100	56.49	56		20	109
			2,4,6-Tribromophenol	150	73.69	49		10	116
			Terphenyl-d14	100	58.82	59		10	105
P5000-05	MH-733	BF140652.D	2-Fluorophenol	150	85.79	57		18	112
			Phenol-d6	150	85.74	57		15	107
			Nitrobenzene-d5	100	56.04	56		18	107
			2-Fluorobiphenyl	100	57.44	57		20	109
			2,4,6-Tribromophenol	150	74.08	49		10	116
			Terphenyl-d14	100	41.20	41		10	105

Surrogate Summary

SW-846

SDG No.: **BF112624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4938-04	MH-732	BF140646.D	2-Fluorophenol	150	148.67	99		10	139
			Phenol-d6	150	141.22	94		10	134
			Nitrobenzene-d5	100	98.83	99		49	133
			2-Fluorobiphenyl	100	102.68	103		52	132
			2,4,6-Tribromophenol	150	148.89	99		44	137
			Terphenyl-d14	100	86.45	86		48	125
P4938-04MS	MH-732MS	BF140647.D	2-Fluorophenol	150	141.42	94		10	139
			Phenol-d6	150	134.23	89		10	134
			Nitrobenzene-d5	100	95.35	95		49	133
			2-Fluorobiphenyl	100	100.03	100		52	132
			2,4,6-Tribromophenol	150	147.23	98		44	137
			Terphenyl-d14	100	79.54	80		48	125
P4938-04MSD	MH-732MSD	BF140648.D	2-Fluorophenol	150	145.35	97		10	139
			Phenol-d6	150	137.84	92		10	134
			Nitrobenzene-d5	100	101.68	102		49	133
			2-Fluorobiphenyl	100	100.46	100		52	132
			2,4,6-Tribromophenol	150	147.52	98		44	137
			Terphenyl-d14	100	80.78	81		48	125
P4938-08	MH-734	BF140650.D	2-Fluorophenol	150	144.60	96		10	139
			Phenol-d6	150	140.18	93		10	134
			Nitrobenzene-d5	100	107.92	108		49	133
			2-Fluorobiphenyl	100	100.84	101		52	132
			2,4,6-Tribromophenol	150	150.71	100		44	137
			Terphenyl-d14	100	94.61	95		48	125
P4985-04	MH-756-WC	BF140649.D	2-Fluorophenol	150	137.48	92		10	139
			Phenol-d6	150	134.85	90		10	134
			Nitrobenzene-d5	100	95.23	95		49	133
			2-Fluorobiphenyl	100	98.11	98		52	132
			2,4,6-Tribromophenol	150	131.83	88		44	137
			Terphenyl-d14	100	86.70	87		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112624

Lab Code: CHEM

SAS No.: BF112624

SDG NO.: BF112624

Lab File ID: BF140628.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.5
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.9
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	28.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	96.5
443	15.0 - 24.0% of mass 442	18.3 (19) 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	BF140629.D	11/26/2024	09:35
PB165203BL	PB165203BL	BF140630.D	11/26/2024	10:01
PB165203BS	PB165203BS	BF140631.D	11/26/2024	10:27
PB165185BL	PB165185BL	BF140632.D	11/26/2024	10:53
PB165203BSD	PB165203BSD	BF140633.D	11/26/2024	11:20
SW2	P4960-04	BF140634.D	11/26/2024	11:52
SW4	P4960-06	BF140635.D	11/26/2024	12:18
B2	P4960-02	BF140636.D	11/26/2024	12:44
MH-745	P5000-01	BF140637.D	11/26/2024	13:10
SW1	P4960-03	BF140638.D	11/26/2024	13:36
PH2-BOT-006MS	P4860-09MS	BF140639.D	11/26/2024	14:03
PH2-BOT-006MSD	P4860-09MSD	BF140640.D	11/26/2024	14:29
PH2-BOT-005	P4860-10	BF140641.D	11/26/2024	14:55
AU-05-112124RE	P4951-01RE	BF140642.D	11/26/2024	15:22
MH-756-WC	P4985-01	BF140643.D	11/26/2024	15:48
MH-756-WCMS	P4985-01MS	BF140644.D	11/26/2024	16:14
MH-756-WCMSD	P4985-01MSD	BF140645.D	11/26/2024	16:41
MH-732	P4938-04	BF140646.D	11/26/2024	17:07

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112624

Lab Code: CHEM

SAS No.: BF112624

SDG NO.: BF112624

Lab File ID: BF140628.D

DFTPP Injection Date: 11/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	35.5
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.9
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	28.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.1
442	Greater than 50% of mass 198	96.5
443	15.0 - 24.0% of mass 442	18.3 (19) 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-732MS	P4938-04MS	BF140647.D	11/26/2024	17:33
MH-732MSD	P4938-04MSD	BF140648.D	11/26/2024	18:00
MH-756-WC	P4985-04	BF140649.D	11/26/2024	18:26
MH-734	P4938-08	BF140650.D	11/26/2024	18:52
MH-740-WC	P4985-05	BF140651.D	11/26/2024	19:19
MH-733	P5000-05	BF140652.D	11/26/2024	19:45
CL-02-112224	P4971-01	BF140653.D	11/26/2024	20:11