

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG No.: BF120524

Instrument ID: BNA_F Calibration Date/Time: 12/5/2024 12:52

Lab File ID: BF140743.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	0.612		-3.925	
Pyridine	1.084	1.122		3.506	
2-Fluorophenol	1.172	1.226		4.608	
Benzaldehyde	0.820	0.672		-18.049	
Aniline	1.091	0.976		-10.541	
Phenol-d6	1.550	1.614		4.129	
Phenol	1.583	1.661		4.927	20.0
bis(2-Chloroethyl) ether	1.211	1.393		15.029	
2-Chlorophenol	1.261	1.332		5.63	
1,2-Dichlorobenzene	1.344	1.427		6.176	
1,3-Dichlorobenzene	1.417	1.485		4.799	
1,4-Dichlorobenzene	1.435	1.509		5.157	20.0
Benzyl Alcohol	1.149	1.186		3.22	
2-Methylphenol	1.010	1.057		4.653	
2,2-oxybis(1-Chloropropane)	1.431	1.477		3.215	
Acetophenone	0.488	0.509		4.303	
3+4-Methylphenols	1.298	1.414		8.937	
n-Nitroso-di-n-propylamine	0.916	0.981	0.050	7.096	
Nitrobenzene-d5	0.391	0.405		3.581	
Hexachloroethane	0.536	0.554		3.358	
Nitrobenzene	0.404	0.416		2.97	
Isophorone	0.652	0.687		5.368	
2-Nitrophenol	0.179	0.194		8.38	20.0
2,4-Dimethylphenol	0.214	0.236		10.28	
bis(2-Chloroethoxy) methane	0.397	0.428		7.809	
2,4-Dichlorophenol	0.284	0.311		9.507	20.0
1,2,4-Trichlorobenzene	0.324	0.344		6.173	
Benzoic acid	0.164	0.207		26.22	
Naphthalene	1.030	1.099		6.699	
4-Chloroaniline	0.308	0.318		3.247	
Hexachlorobutadiene	0.215	0.230		6.977	20.0
Caprolactam	0.088	0.095		7.955	
4-Chloro-3-methylphenol	0.318	0.344		8.176	20.0
2-Methylnaphthalene	0.654	0.711		8.716	
Hexachlorocyclopentadiene	0.107	0.136	0.050	27.103	
2,4,6-Trichlorophenol	0.367	0.395		7.629	20.0
2-Fluorobiphenyl	1.342	1.426		6.259	
2,4,5-Trichlorophenol	0.399	0.424		6.266	
1,1-Biphenyl	1.493	1.605		7.502	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG No.: BF120524

Instrument ID: BNA_F Calibration Date/Time: 12/5/2024 1:12:52

Lab File ID: BF140743.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	1.218		7.692	
2-Nitroaniline	0.363	0.377		3.857	
Dimethylphthalate	1.317	1.413		7.289	
Acenaphthylene	1.710	1.792		4.795	
2,6-Dinitrotoluene	0.299	0.322		7.692	
3-Nitroaniline	0.292	0.319		9.247	
Acenaphthene	1.086	1.143		5.249	20.0
2,4-Dinitrophenol	0.122	0.182	0.050	49.18	
4-Nitrophenol	0.199	0.247	0.050	24.121	
Dibenzofuran	1.657	1.754		5.854	
2,4-Dinitrotoluene	0.397	0.435		9.572	
Diethylphthalate	1.338	1.456		8.819	
4-Chlorophenyl-phenylether	0.653	0.716		9.648	
Fluorene	1.330	1.428		7.368	
4-Nitroaniline	0.306	0.313		2.288	
4,6-Dinitro-2-methylphenol	0.102	0.124		21.569	
n-Nitrosodiphenylamine	0.591	0.624		5.584	20.0
Azobenzene	1.267	1.342		5.919	
2,4,6-Tribromophenol	0.214	0.235		9.813	
4-Bromophenyl-phenylether	0.206	0.222		7.767	
Hexachlorobenzene	0.238	0.253		6.303	
Atrazine	0.166	0.142		-14.458	
Pentachlorophenol	0.105	0.097		-7.619	20.0
Phenanthrene	0.961	1.015		5.619	
Anthracene	0.940	0.994		5.745	
Carbazole	0.905	0.956		5.635	
Di-n-butylphthalate	1.044	1.164		11.494	
Fluoranthene	1.044	1.141		9.291	20.0
Benzidine	0.581	0.550		-5.336	
Pyrene	1.849	1.827		-1.19	
Terphenyl-d14	1.284	1.293		0.701	
Butylbenzylphthalate	0.666	0.708		6.306	
3,3-Dichlorobenzidine	0.397	0.411		3.526	
Benzo(a)anthracene	1.324	1.365		3.097	
Chrysene	1.211	1.290		6.524	
Bis(2-ethylhexyl)phthalate	0.841	0.892		6.064	
Di-n-octyl phthalate	1.150	1.215		5.652	20.0
Benzo(b)fluoranthene	1.256	1.459		16.162	
Benzo(k)fluoranthene	1.099	1.104		0.455	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG No.: BF120524

Instrument ID: BNA_F Calibration Date/Time: 12/5/2024 12:52

Lab File ID: BF140743.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	1.105		8.227	20.0
Indeno(1,2,3-cd)pyrene	1.303	1.487		14.121	
Dibenzo(a,h)anthracene	1.067	1.234		15.651	
Benzo(g,h,i)perylene	1.089	1.305		19.835	
1,2,4,5-Tetrachlorobenzene	0.586	0.620		5.802	
1,4-Dioxane	0.493	0.504		2.231	20.0
2,3,4,6-Tetrachlorophenol	0.306	0.352		15.033	
1-Methylnaphthalene	0.641	0.694		8.268	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BL	SDG No.:	BF120524
Lab Sample ID:	PB165366BL	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
BF140744.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BL	SDG No.:	BF120524
Lab Sample ID:	PB165366BL	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
BF140744.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BL	SDG No.:	BF120524
Lab Sample ID:	PB165366BL	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
BF140744.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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	139.214		10-139		93	SPK: -150
13127-88-3	Phenol-d6	143.762		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	93.167		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	90.423		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BL	SDG No.:	BF120524
Lab Sample ID:	PB165366BL	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
BF140744.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.669		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	84.369		48-125		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87049	6.875				
1146-65-2	Naphthalene-d8	348431	8.151				
15067-26-2	Acenaphthene-d10	211689	9.91				
1517-22-2	Phenanthrene-d10	434253	11.404				
1719-03-5	Chrysene-d12	309814	14.057				
1520-96-3	Perylene-d12	231587	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.7	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	11.7	A			5.122	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BS	SDG No.:	BF120524
Lab Sample ID:	PB165366BS	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
BF140745.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	44.2		1	8	10	ug/L
110-86-1	Pyridine	41		1.6	4	5	ug/L
100-52-7	Benzaldehyde	17		4	8	10	ug/L
62-53-3	Aniline	56.4		1.6	4	5	ug/L
108-95-2	Phenol	52.1		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	53.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.5		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	51.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.9		1.4	4	5	ug/L
98-86-2	Acetophenone	46.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	54		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.8		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	46.6		1	4	5	ug/L
98-95-3	Nitrobenzene	44.8		1.3	4	5	ug/L
78-59-1	Isophorone	49.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	64.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.9		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	41.7		5.5	8	10	ug/L
91-20-3	Naphthalene	47.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	26.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BS	SDG No.:	BF120524
Lab Sample ID:	PB165366BS	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
BF140745.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.7		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	51.4		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	50.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	49.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.2		0.81	4	5	ug/L
Total PAH	Total PAH	800		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.9	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	85.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.9		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.3		1.5	4	5	ug/L
84-66-2	Diethylphthalate	50.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.2		0.98	4	5	ug/L
86-73-7	Fluorene	49.8		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	53.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	49.6		0.89	4	5	ug/L
103-33-3	Azobenzene	50.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	50.7		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	47.8		1.1	4	5	ug/L
1912-24-9	Atrazine	54.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BS	SDG No.:	BF120524
Lab Sample ID:	PB165366BS	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
BF140745.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.6		0.89	4	5	ug/L
120-12-7	Anthracene	52.4		1.1	4	5	ug/L
86-74-8	Carbazole	49.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	50.8		1.3	4	5	ug/L
92-87-5	Benzidine	22.8		4.1	8	10	ug/L
129-00-0	Pyrene	45.1		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	49.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38.9		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.5		0.94	4	5	ug/L
218-01-9	Chrysene	50.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.1		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	47.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	56.7		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	47.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	147.853		10-139		99	SPK: -150
13127-88-3	Phenol-d6	146.812		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	95.01		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	97.446		52-132		97	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165366BS	SDG No.:	BF120524
Lab Sample ID:	PB165366BS	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
BF140745.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.7		44-137		104	SPK: -150
1718-51-0	Terphenyl-d14	97.462		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73438	6.875				
1146-65-2	Naphthalene-d8	290353	8.157				
15067-26-2	Acenaphthene-d10	169894	9.91				
1517-22-2	Phenanthrene-d10	326566	11.404				
1719-03-5	Chrysene-d12	212008	14.062				
1520-96-3	Perylene-d12	170579	15.568				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165341TB	SDG No.:	BF120524
Lab Sample ID:	PB165341TB	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
BF140746.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165341TB	SDG No.:	BF120524
Lab Sample ID:	PB165341TB	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
BF140746.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165341TB	SDG No.:	BF120524
Lab Sample ID:	PB165341TB	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
BF140746.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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	148.003		10-139		99	SPK: -150
13127-88-3	Phenol-d6	147.066		10-134		98	SPK: -150
4165-60-0	Nitrobenzene-d5	94.296		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	95.595		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	PB165341TB	SDG No.:	BF120524
Lab Sample ID:	PB165341TB	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
BF140746.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.792		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	87.148		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73803	6.869				
1146-65-2	Naphthalene-d8	290921	8.151				
15067-26-2	Acenaphthene-d10	172517	9.91				
1517-22-2	Phenanthrene-d10	348191	11.398				
1719-03-5	Chrysene-d12	252453	14.057				
1520-96-3	Perylene-d12	191529	15.563				

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BL	SDG No.:	BF120524
Lab Sample ID:	PB165383BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140747.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BL	SDG No.:	BF120524
Lab Sample ID:	PB165383BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140747.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BL	SDG No.:	BF120524
Lab Sample ID:	PB165383BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140747.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	147.482		18-112		98	SPK: -150
13127-88-3	Phenol-d6	145.087		15-107		97	SPK: -150
4165-60-0	Nitrobenzene-d5	93.776		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	94.837		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BL	SDG No.:	BF120524
Lab Sample ID:	PB165383BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140747.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.138		10-116		101	SPK: -150
1718-51-0	Terphenyl-d14	89.352		10-105		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70492	6.869				
1146-65-2	Naphthalene-d8	275647	8.151				
15067-26-2	Acenaphthene-d10	164066	9.91				
1517-22-2	Phenanthrene-d10	325670	11.398				
1719-03-5	Chrysene-d12	233743	14.057				
1520-96-3	Perylene-d12	188357	15.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	440	A			5.116	

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BS	SDG No.:	BF120524
Lab Sample ID:	PB165383BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140748.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.8	270	330	ug/Kg
110-86-1	Pyridine	1500		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	790		180	270	330	ug/Kg
62-53-3	Aniline	1700		96.9	130	170	ug/Kg
108-95-2	Phenol	1800		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1800		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1600		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1800		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1700		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BS	SDG No.:	BF120524
Lab Sample ID:	PB165383BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140748.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1700		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1700		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	27000		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1700		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.6	130	170	ug/Kg
86-73-7	Fluorene	1700		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	1900		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BS	SDG No.:	BF120524
Lab Sample ID:	PB165383BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140748.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1700		84	130	170	ug/Kg
120-12-7	Anthracene	1800		84.4	130	170	ug/Kg
86-74-8	Carbazole	1700		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.7	130	170	ug/Kg
92-87-5	Benzidine	1000		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.7	130	170	ug/Kg
218-01-9	Chrysene	1700		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	150.724		18-112		100	SPK: -150
13127-88-3	Phenol-d6	149.729		15-107		100	SPK: -150
4165-60-0	Nitrobenzene-d5	96.648		18-107		97	SPK: -100
321-60-8	2-Fluorobiphenyl	99.945		20-109		100	SPK: -100

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	PB165383BS	SDG No.:	BF120524
Lab Sample ID:	PB165383BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140748.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.69		10-116		104	SPK: -150
1718-51-0	Terphenyl-d14	97.052		10-105		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70557	6.875				
1146-65-2	Naphthalene-d8	276888	8.157				
15067-26-2	Acenaphthene-d10	161032	9.91				
1517-22-2	Phenanthrene-d10	312586	11.404				
1719-03-5	Chrysene-d12	204731	14.063				
1520-96-3	Perylene-d12	165261	15.562				

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63RE	SDG No.:	BF120524
Lab Sample ID:	P5052-20RE	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
BF140749.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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	84.7	J	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:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63RE	SDG No.:	BF120524
Lab Sample ID:	P5052-20RE	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
BF140749.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

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

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63RE	SDG No.:	BF120524
Lab Sample ID:	P5052-20RE	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
BF140749.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.475		10-139		91	SPK: -150
13127-88-3	Phenol-d6	39.22		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	107.087		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	451.307	*	52-132		451	SPK: -100

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	OR-640-COMP-63RE	SDG No.:	BF120524
Lab Sample ID:	P5052-20RE	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
BF140749.D	1	12/4/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	735.602	*	44-137		490	SPK: -150
1718-51-0	Terphenyl-d14	505.746	*	48-125		506	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71425	6.869				
1146-65-2	Naphthalene-d8	243288	8.151				
15067-26-2	Acenaphthene-d10	33168	9.904				
1517-22-2	Phenanthrene-d10	123062	11.398				
1719-03-5	Chrysene-d12	12365	14.057				
1520-96-3	Perylene-d12	0	0				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764	SDG No.:	BF120524
Lab Sample ID:	P5095-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140750.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

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

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764	SDG No.:	BF120524
Lab Sample ID:	P5095-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140750.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.9	U	58.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.6	U	52.6	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	88.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.4	U	48.4	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.2	U	50.2	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	59.3	U	59.3	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.5	U	56.5	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	55.4	U	55.4	88.2	120	ug/Kg
208-96-8	Acenaphthylene	58.7	U	58.7	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.4	U	56.4	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	60.5	U	60.5	88.2	120	ug/Kg
83-32-9	Acenaphthene	55	U	55	88.2	120	ug/Kg
Total PAH	Total PAH	898.8	U	898.8	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.7	U	78.7	180	220	ug/Kg
132-64-9	Dibenzofuran	57.3	U	57.3	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.9	U	114.9	88.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.5	U	58.5	88.2	120	ug/Kg
84-66-2	Diethylphthalate	54.3	U	54.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.1	U	58.1	88.2	120	ug/Kg
86-73-7	Fluorene	58	U	58	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	72.6	U	72.6	88.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.4	U	79.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.4	U	55.4	88.2	120	ug/Kg
103-33-3	Azobenzene	54	U	54	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.5	U	53.5	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	57.7	U	57.7	88.2	120	ug/Kg
1912-24-9	Atrazine	62	U	62	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764	SDG No.:	BF120524
Lab Sample ID:	P5095-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140750.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.4	U	52.4	180	220	ug/Kg
85-01-8	Phenanthrene	57	U	57	88.2	120	ug/Kg
120-12-7	Anthracene	57.3	U	57.3	88.2	120	ug/Kg
86-74-8	Carbazole	54.5	U	54.5	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.2	U	57.2	88.2	120	ug/Kg
206-44-0	Fluoranthene	55.4	U	55.4	88.2	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.3	U	56.3	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.7	U	65.7	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.9	U	66.9	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.7	U	54.7	88.2	120	ug/Kg
218-01-9	Chrysene	53.9	U	53.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.7	U	61.7	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.6	U	74.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.1	U	63.1	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.1	U	55.1	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.3	U	54.3	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	74.6	U	74.6	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.7	U	50.7	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.4	U	56.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.255		18-112		59	SPK: -150
13127-88-3	Phenol-d6	84.792		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	56.273		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.741		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-764	SDG No.:	BF120524
Lab Sample ID:	P5095-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140750.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.272		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	60.694		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68436	6.869				
1146-65-2	Naphthalene-d8	268593	8.151				
15067-26-2	Acenaphthene-d10	151788	9.904				
1517-22-2	Phenanthrene-d10	264666	11.398				
1719-03-5	Chrysene-d12	131024	14.051				
1520-96-3	Perylene-d12	122165	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.092	
000119-61-9	Benzophenone	180	J			10.616	
000301-02-0	9-Octadecenamide, (Z)-	120	J			13.457	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF120524
Lab Sample ID:	P5096-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF140751.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.5	U	60.5	190	230	ug/Kg
110-86-1	Pyridine	55.7	U	55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.6	U	67.6	90.6	120	ug/Kg
108-95-2	Phenol	57.8	U	57.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.4	U	58.4	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	58.2	U	58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59	U	59	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60	U	60	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.3	U	60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	57.9	U	57.9	190	230	ug/Kg
95-48-7	2-Methylphenol	56.2	U	56.2	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.4	U	63.4	90.6	120	ug/Kg
98-86-2	Acetophenone	60.6	U	60.6	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.6	U	55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.1	U	28.1	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	57.9	U	57.9	90.6	120	ug/Kg
98-95-3	Nitrobenzene	63.3	U	63.3	90.6	120	ug/Kg
78-59-1	Isophorone	59	U	59	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	65.9	U	65.9	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.8	U	59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.6	U	52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.5	U	59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.6	U	57.6	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	57.6	U	57.6	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.1	U	58.1	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF120524
Lab Sample ID:	P5096-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF140751.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.5	U	60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.5	U	57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.8	U	49.8	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.6	U	51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	60.9	U	60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.1	U	58.1	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	66.2	U	66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	90.6	120	ug/Kg
208-96-8	Acenaphthylene	120		60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	90.6	120	ug/Kg
83-32-9	Acenaphthene	56.5	U	56.5	90.6	120	ug/Kg
Total PAH	Total PAH	11250	U	923.9	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.9	U	80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	58.8	U	58.8	90.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.1	U	60.1	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.1	U	118.1	90.6	240	ug/Kg
84-66-2	Diethylphthalate	55.9	U	55.9	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.7	U	59.7	90.6	120	ug/Kg
86-73-7	Fluorene	59.6	U	59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	74.6	U	74.6	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.6	U	81.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.9	U	56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	55.5	U	55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	59.3	U	59.3	90.6	120	ug/Kg
1912-24-9	Atrazine	63.7	U	63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF120524
Lab Sample ID:	P5096-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF140751.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.9	U	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	520		58.6	90.6	120	ug/Kg
120-12-7	Anthracene	210		58.8	90.6	120	ug/Kg
86-74-8	Carbazole	56	U	56	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.8	U	58.8	90.6	120	ug/Kg
206-44-0	Fluoranthene	1900	E	57	90.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	1700		57.9	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.5	U	67.5	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.7	U	68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1500		56.3	90.6	120	ug/Kg
218-01-9	Chrysene	1100		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.5	U	63.5	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.7	U	76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	470		57.6	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450		54.5	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160		56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420		55.9	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.5	U	60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	76.7	U	76.7	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.1	U	52.1	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.694		18-112		66	SPK: -150
13127-88-3	Phenol-d6	98.219		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	68.302		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	69.901		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF120524
Lab Sample ID:	P5096-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
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
BF140751.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.035		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	59.447		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67772	6.869				
1146-65-2	Naphthalene-d8	257536	8.151				
15067-26-2	Acenaphthene-d10	140237	9.904				
1517-22-2	Phenanthrene-d10	230543	11.398				
1719-03-5	Chrysene-d12	124081	14.051				
1520-96-3	Perylene-d12	139366	15.556				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	A			5.092	
000119-61-9	Benzophenone	260	J			10.616	
002531-84-2	Phenanthrene, 2-methyl-	140	J			11.898	
000610-48-0	Anthracene, 1-methyl-	210	J			11.927	
000832-69-9	Phenanthrene, 1-methyl-	120	J			11.974	
000203-64-5	4H-Cyclopenta[def]phenanthrene	400	J			12.015	
000612-94-2	Naphthalene, 2-phenyl-	110	J			12.192	
000781-43-1	9,10-Dimethylanthracene	150	J			12.451	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	140	J			12.486	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			12.545	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	110	J			12.71	
000243-17-4	11H-Benzo[b]fluorene	130	J			13.174	
000602-55-1	Anthracene, 9-phenyl-	140	J			14.951	
000192-97-2	Benzo[e]pyrene	290	J			15.227	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	140	J			15.327	
000198-55-0	Perylene	750	J			15.427	
000214-17-5	Benzo[b]chrysene	170	J			17.25	
000213-46-7	Picene	100	J			17.309	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-B	SDG No.:	BF120524
Lab Sample ID:	P5096-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03	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
BF140751.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	180	J			17.78	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BF120524
Lab Sample ID:	P5096-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140752.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

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	56.9	U	56.9	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.6	U	57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.9	U	58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	56.5	U	56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.9	U	61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.3	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	63.5	U	63.5	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.1	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:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BF120524
Lab Sample ID:	P5096-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140752.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.1	U	59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	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	902	U	902	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.3	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	72.9	U	72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.7	U	79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	54.2	U	54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	62.2	U	62.2	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BF120524
Lab Sample ID:	P5096-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140752.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

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	57.5	U	57.5	88.5	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.4	U	57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	55.6	U	55.6	88.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.5	U	56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.9	U	65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.1	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	62	U	62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.9	U	74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.2	U	55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.2	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	50.9	U	50.9	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	140.599		18-112		94	SPK: -150
13127-88-3	Phenol-d6	138.714		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	92.517		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	96.022		20-109		96	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-A	SDG No.:	BF120524
Lab Sample ID:	P5096-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140752.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.305		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	80.576		10-105		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66841	6.869				
1146-65-2	Naphthalene-d8	261690	8.151				
15067-26-2	Acenaphthene-d10	141260	9.904				
1517-22-2	Phenanthrene-d10	235200	11.398				
1719-03-5	Chrysene-d12	137617	14.057				
1520-96-3	Perylene-d12	155384	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.152	
004744-10-9	Propane, 1,1-dimethoxy-	53.8	J			2.258	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	A			5.099	
001119-40-0	Pentanedioic acid, dimethyl ester	54.9	J			7.687	
000119-61-9	Benzophenone	320	J			10.622	
000057-10-3	n-Hexadecanoic acid	63.1	J			11.928	
000301-02-0	9-Octadecenamide, (Z)-	140	J			13.463	
000189-55-9	Dibenzo(a,i)pyrene	120	J			13.927	
000192-65-4	1,2:4,5-Dibenzopyrene	91.7	J			14.204	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMS	SDG No.:	BF120524
Lab Sample ID:	P5096-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140753.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1000		59.1	180	220	ug/Kg
110-86-1	Pyridine	980		54.4	88.6	120	ug/Kg
100-52-7	Benzaldehyde	540		120	180	220	ug/Kg
62-53-3	Aniline	900		66	88.6	120	ug/Kg
108-95-2	Phenol	1200		56.5	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		57	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	1200		56.9	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		57.6	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		58.6	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		58.9	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	1000		56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	1100		54.9	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		61.9	88.6	120	ug/Kg
98-86-2	Acetophenone	1100		59.2	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.5	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	1100		56.5	88.6	120	ug/Kg
98-95-3	Nitrobenzene	1100		61.9	88.6	120	ug/Kg
78-59-1	Isophorone	1200		57.6	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.4	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		63.5	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		58.5	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.4	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.2	88.6	120	ug/Kg
65-85-0	Benzoic acid	840		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		56.3	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	320		56.3	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.8	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMS	SDG No.:	BF120524
Lab Sample ID:	P5096-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140753.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.8	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		56.2	88.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		48.6	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.4	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		59.5	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		56.8	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	1100		64.7	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	1200		55.7	88.6	120	ug/Kg
208-96-8	Acenaphthylene	1200		58.9	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		56.7	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	740		60.8	88.6	120	ug/Kg
83-32-9	Acenaphthene	1200		55.3	88.6	120	ug/Kg
Total PAH	Total PAH	18070		902.9	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1800	E	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	1500		79	180	220	ug/Kg
132-64-9	Dibenzofuran	1200		57.5	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		115.4	88.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		58.7	88.6	120	ug/Kg
84-66-2	Diethylphthalate	1200		54.6	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		58.3	88.6	120	ug/Kg
86-73-7	Fluorene	1100		58.2	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	990		72.9	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		55.6	88.6	120	ug/Kg
103-33-3	Azobenzene	1300		54.2	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		53.8	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		57.9	88.6	120	ug/Kg
1912-24-9	Atrazine	1400		62.3	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMS	SDG No.:	BF120524
Lab Sample ID:	P5096-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140753.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1700		52.7	180	220	ug/Kg
85-01-8	Phenanthrene	1200		57.2	88.6	120	ug/Kg
120-12-7	Anthracene	1200		57.5	88.6	120	ug/Kg
86-74-8	Carbazole	1100		54.7	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.4	88.6	120	ug/Kg
206-44-0	Fluoranthene	1000		55.7	88.6	120	ug/Kg
92-87-5	Benzidine	170	J	110	180	220	ug/Kg
129-00-0	Pyrene	1000		56.5	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		65.9	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55	88.6	120	ug/Kg
218-01-9	Chrysene	1200		54.2	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.3	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56.3	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		63.4	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		53.2	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		55.3	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		54.6	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		59.1	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	1000		74.9	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		50.9	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.465		18-112		80	SPK: -150
13127-88-3	Phenol-d6	119.48		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	82.384		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	82.888		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMS	SDG No.:	BF120524
Lab Sample ID:	P5096-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140753.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	122.138		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	73.361		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67405	6.869				
1146-65-2	Naphthalene-d8	250139	8.151				
15067-26-2	Acenaphthene-d10	136184	9.904				
1517-22-2	Phenanthrene-d10	233226	11.398				
1719-03-5	Chrysene-d12	135190	14.057				
1520-96-3	Perylene-d12	148168	15.568				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMSD	SDG No.:	BF120524
Lab Sample ID:	P5096-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140754.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

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	1000		54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	560		120	180	220	ug/Kg
62-53-3	Aniline	930		66	88.5	120	ug/Kg
108-95-2	Phenol	1200		56.5	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	1200		56.9	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		58.6	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		54.9	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		59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.4	54.5	54.5	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	1200		57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.4	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		63.5	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	1200		51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.2	88.5	120	ug/Kg
65-85-0	Benzoic acid	870		160	180	220	ug/Kg
91-20-3	Naphthalene	1100		56.3	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	300		56.3	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMSD	SDG No.:	BF120524
Lab Sample ID:	P5096-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140754.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		56.2	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	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	1100		50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		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	1100		64.7	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		56.7	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	710		60.7	88.5	120	ug/Kg
83-32-9	Acenaphthene	1100		55.2	88.5	120	ug/Kg
Total PAH	Total PAH	18010		902.3	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	E	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	1500		79	180	220	ug/Kg
132-64-9	Dibenzofuran	1100		57.5	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		115.4	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		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	1200		58.3	88.5	120	ug/Kg
86-73-7	Fluorene	1100		58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	960		72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	1300		54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	1400		62.2	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMSD	SDG No.:	BF120524
Lab Sample ID:	P5096-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140754.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1800	E	52.6	180	220	ug/Kg
85-01-8	Phenanthrene	1200		57.2	88.5	120	ug/Kg
120-12-7	Anthracene	1300		57.5	88.5	120	ug/Kg
86-74-8	Carbazole	1100		54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	1100		55.6	88.5	120	ug/Kg
92-87-5	Benzidine	300		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	930		67.1	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55	88.5	120	ug/Kg
218-01-9	Chrysene	1200		54.1	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56.3	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	990		53.2	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820		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	1200		50.9	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.75		18-112		81	SPK: -150
13127-88-3	Phenol-d6	120.594		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.203		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	82.096		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	MH-AMSD	SDG No.:	BF120524
Lab Sample ID:	P5096-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BF140754.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.665		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	71.105		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70502	6.869				
1146-65-2	Naphthalene-d8	271659	8.151				
15067-26-2	Acenaphthene-d10	146467	9.91				
1517-22-2	Phenanthrene-d10	237103	11.398				
1719-03-5	Chrysene-d12	143094	14.051				
1520-96-3	Perylene-d12	155027	15.557				

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	324	SDG No.:	BF120524
Lab Sample ID:	P5100-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140755.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.3	U	56.3	180	210	ug/Kg
110-86-1	Pyridine	51.8	U	51.8	84.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	62.8	U	62.8	84.3	110	ug/Kg
108-95-2	Phenol	53.7	U	53.7	84.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.3	U	54.3	84.3	110	ug/Kg
95-57-8	2-Chlorophenol	54.1	U	54.1	84.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.8	U	54.8	84.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.8	U	55.8	84.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.1	U	56.1	84.3	110	ug/Kg
100-51-6	Benzyl Alcohol	53.8	U	53.8	180	210	ug/Kg
95-48-7	2-Methylphenol	52.3	U	52.3	84.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58.9	U	58.9	84.3	110	ug/Kg
98-86-2	Acetophenone	56.3	U	56.3	84.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.7	U	51.7	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.1	U	26.1	51.9	51.9	ug/Kg
67-72-1	Hexachloroethane	53.8	U	53.8	84.3	110	ug/Kg
98-95-3	Nitrobenzene	58.9	U	58.9	84.3	110	ug/Kg
78-59-1	Isophorone	54.8	U	54.8	84.3	110	ug/Kg
88-75-5	2-Nitrophenol	61.3	U	61.3	84.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.4	U	60.4	84.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.6	U	55.6	84.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.9	U	48.9	84.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.4	U	55.4	84.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.6	U	53.6	84.3	110	ug/Kg
106-47-8	4-Chloroaniline	53.6	U	53.6	84.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	84.3	110	ug/Kg

Report of Analysis

Client:			Date Collected:	12/4/2024 12:00:00 AM	
Project:			Date Received:	12/4/2024 12:00:00 AM	
Client Sample ID:	324		SDG No.:	BF120524	
Lab Sample ID:	P5100-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	7.6	
Sample Wt/Vol:	50.08	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140755.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.3	U	56.3	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.2	U	50.2	84.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.5	U	53.5	84.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.3	U	46.3	84.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	84.3	110	ug/Kg
92-52-4	1,1-Biphenyl	56.7	U	56.7	84.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	84.3	110	ug/Kg
88-74-4	2-Nitroaniline	61.6	U	61.6	84.3	110	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	84.3	110	ug/Kg
208-96-8	Acenaphthylene	56.1	U	56.1	84.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.9	U	53.9	84.3	110	ug/Kg
99-09-2	3-Nitroaniline	57.8	U	57.8	84.3	110	ug/Kg
83-32-9	Acenaphthene	52.6	U	52.6	84.3	110	ug/Kg
Total PAH	Total PAH	859.1	U	859.1	84.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.2	U	75.2	180	210	ug/Kg
132-64-9	Dibenzofuran	54.7	U	54.7	84.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.9	U	55.9	84.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.8	U	109.8	84.3	220	ug/Kg
84-66-2	Diethylphthalate	51.9	U	51.9	84.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.5	U	55.5	84.3	110	ug/Kg
86-73-7	Fluorene	55.4	U	55.4	84.3	110	ug/Kg
100-01-6	4-Nitroaniline	69.4	U	69.4	84.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.9	U	75.9	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.9	U	52.9	84.3	110	ug/Kg
103-33-3	Azobenzene	51.6	U	51.6	84.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.2	U	51.2	84.3	110	ug/Kg
118-74-1	Hexachlorobenzene	55.1	U	55.1	84.3	110	ug/Kg
1912-24-9	Atrazine	59.3	U	59.3	84.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	324	SDG No.:	BF120524
Lab Sample ID:	P5100-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140755.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.1	U	50.1	180	210	ug/Kg
85-01-8	Phenanthrene	95.3	J	54.5	84.3	110	ug/Kg
120-12-7	Anthracene	54.7	U	54.7	84.3	110	ug/Kg
86-74-8	Carbazole	52.1	U	52.1	84.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.7	U	54.7	84.3	110	ug/Kg
206-44-0	Fluoranthene	150		53	84.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	99.5	J	53.8	84.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.8	U	62.8	84.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63.9	U	63.9	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	84.8	J	52.3	84.3	110	ug/Kg
218-01-9	Chrysene	87.5	J	51.5	84.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	U	59	84.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.3	U	71.3	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	93.6	J	52.6	84.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.6	U	53.6	84.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	74.8	J	60.3	84.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.6	U	50.6	84.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.6	U	52.6	84.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.9	U	51.9	84.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.3	U	56.3	84.3	110	ug/Kg
123-91-1	1,4-Dioxane	71.3	U	71.3	84.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.4	U	48.4	84.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.9	U	53.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.04		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.307		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	67.595		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	78.164		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	324	SDG No.:	BF120524
Lab Sample ID:	P5100-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140755.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.151		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	53.937		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61579	6.869				
1146-65-2	Naphthalene-d8	231982	8.151				
15067-26-2	Acenaphthene-d10	113647	9.904				
1517-22-2	Phenanthrene-d10	177433	11.398				
1719-03-5	Chrysene-d12	132691	14.051				
1520-96-3	Perylene-d12	131241	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	930	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.087	
000119-61-9	Benzophenone	230	J			10.616	
002531-84-2	Phenanthrene, 2-methyl-	50.4	J			11.927	
000192-97-2	Benzo[e]pyrene	45.2	J			15.421	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	CTWK-COMP-1	SDG No.:	BF120524
Lab Sample ID:	P5105-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
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
BF140756.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.8	U	61.8	190	230	ug/Kg
110-86-1	Pyridine	56.9	U	56.9	92.6	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	69	U	69	92.6	120	ug/Kg
108-95-2	Phenol	59	U	59	92.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.6	U	59.6	92.6	120	ug/Kg
95-57-8	2-Chlorophenol	59.5	U	59.5	92.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.2	U	60.2	92.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.2	U	61.2	92.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.6	U	61.6	92.6	120	ug/Kg
100-51-6	Benzyl Alcohol	59.1	U	59.1	190	230	ug/Kg
95-48-7	2-Methylphenol	57.4	U	57.4	92.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.7	U	64.7	92.6	120	ug/Kg
98-86-2	Acetophenone	61.9	U	61.9	92.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.8	U	56.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.7	U	28.7	57	57	ug/Kg
67-72-1	Hexachloroethane	59.1	U	59.1	92.6	120	ug/Kg
98-95-3	Nitrobenzene	64.7	U	64.7	92.6	120	ug/Kg
78-59-1	Isophorone	60.2	U	60.2	92.6	120	ug/Kg
88-75-5	2-Nitrophenol	67.3	U	67.3	92.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.4	U	66.4	92.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.1	U	61.1	92.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.8	U	53.8	92.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.8	U	60.8	92.6	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58.8	U	58.8	92.6	120	ug/Kg
106-47-8	4-Chloroaniline	58.8	U	58.8	92.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.3	U	59.3	92.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	CTWK-COMP-1	SDG No.:	BF120524
Lab Sample ID:	P5105-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
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
BF140756.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61.8	U	61.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.2	U	55.2	92.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.7	U	58.7	92.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.8	U	50.8	92.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.7	U	52.7	92.6	120	ug/Kg
92-52-4	1,1-Biphenyl	62.2	U	62.2	92.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.3	U	59.3	92.6	120	ug/Kg
88-74-4	2-Nitroaniline	67.6	U	67.6	92.6	120	ug/Kg
131-11-3	Dimethylphthalate	58.2	U	58.2	92.6	120	ug/Kg
208-96-8	Acenaphthylene	320		61.6	92.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.2	U	59.2	92.6	120	ug/Kg
99-09-2	3-Nitroaniline	63.5	U	63.5	92.6	120	ug/Kg
83-32-9	Acenaphthene	57.7	U	57.7	92.6	120	ug/Kg
Total PAH	Total PAH	5556.7	U	943.4	92.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	82.6	U	82.6	190	230	ug/Kg
132-64-9	Dibenzofuran	60.1	U	60.1	92.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20.6	U	120.6	92.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.4	U	61.4	92.6	120	ug/Kg
84-66-2	Diethylphthalate	57	U	57	92.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.9	U	60.9	92.6	120	ug/Kg
86-73-7	Fluorene	60.9	U	60.9	92.6	120	ug/Kg
100-01-6	4-Nitroaniline	76.2	U	76.2	92.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.3	U	83.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.1	U	58.1	92.6	120	ug/Kg
103-33-3	Azobenzene	56.7	U	56.7	92.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.2	U	56.2	92.6	120	ug/Kg
118-74-1	Hexachlorobenzene	60.5	U	60.5	92.6	120	ug/Kg
1912-24-9	Atrazine	65.1	U	65.1	92.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	CTWK-COMP-1	SDG No.:	BF120524
Lab Sample ID:	P5105-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
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
BF140756.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55	U	55	190	230	ug/Kg
85-01-8	Phenanthrene	290		59.8	92.6	120	ug/Kg
120-12-7	Anthracene	140		60.1	92.6	120	ug/Kg
86-74-8	Carbazole	57.2	U	57.2	92.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	60	U	60	92.6	120	ug/Kg
206-44-0	Fluoranthene	630		58.2	92.6	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	230	ug/Kg
129-00-0	Pyrene	730		59.1	92.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.9	U	68.9	92.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.2	U	70.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	540		57.5	92.6	120	ug/Kg
218-01-9	Chrysene	810		56.6	92.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.8	U	64.8	92.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.3	U	78.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		57.7	92.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		58.8	92.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	540		66.2	92.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		55.6	92.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.7	J	57.8	92.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		57	92.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.8	U	61.8	92.6	120	ug/Kg
123-91-1	1,4-Dioxane	78.3	U	78.3	92.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.2	U	53.2	92.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.2	U	59.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	83.326		18-112		56	SPK: -150
13127-88-3	Phenol-d6	81.203		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	60.164		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	65.574		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	CTWK-COMP-1	SDG No.:	BF120524
Lab Sample ID:	P5105-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
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
BF140756.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.634		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	43.406		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64491	6.869				
1146-65-2	Naphthalene-d8	226256	8.151				
15067-26-2	Acenaphthene-d10	105193	9.904				
1517-22-2	Phenanthrene-d10	153445	11.398				
1719-03-5	Chrysene-d12	132597	14.057				
1520-96-3	Perylene-d12	122214	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.087	
000119-61-9	Benzophenone	210	J			10.616	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	180	J			10.81	
000629-59-4	Tetradecane	110	J			11.674	
004534-53-6	Benzene, (1-methyldodecyl)-	230	J			11.769	
1000331-13-2	Phenylacetic acid, 2-chloroethyl e	150	J			11.81	
	unknown11.845	120	J			11.845	
	unknown11.910	500	J			11.91	
004621-36-7	Benzene, (1-ethyloctyl)-	750	J			12.021	
000629-99-2	Pentacosane	100	J			12.086	
004534-59-2	Benzene, (1-methyltridecyl)-	2100	J			12.192	
003674-66-6	Phenanthrene, 2,5-dimethyl-	170	J			12.451	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			12.545	
000243-17-4	11H-Benzo[b]fluorene	140	J			13.068	
002381-21-7	Pyrene, 1-methyl-	150	J			13.151	
003442-78-2	Pyrene, 2-methyl-	210	J			13.28	
000479-79-8	11H-Benzo[a]fluoren-11-one	180	J			13.692	
003351-32-4	2-Methylchrysene	140	J			14.586	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	CTWK-COMP-1	SDG No.:	BF120524
Lab Sample ID:	P5105-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.8
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
BF140756.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	630	J			15.439	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	ASPHALT-COMP	SDG No.:	BF120524
Lab Sample ID:	P5108-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140757.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2500	U	2500	7700	9400	ug/Kg
110-86-1	Pyridine	2300	U	2300	3700	4900	ug/Kg
100-52-7	Benzaldehyde	5200	U	5200	7700	9400	ug/Kg
62-53-3	Aniline	2800	U	2800	3700	4900	ug/Kg
108-95-2	Phenol	2400	U	2400	3700	4900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2400	U	2400	3700	4900	ug/Kg
95-57-8	2-Chlorophenol	2400	U	2400	3700	4900	ug/Kg
95-50-1	1,2-Dichlorobenzene	2400	U	2400	3700	4900	ug/Kg
541-73-1	1,3-Dichlorobenzene	2500	U	2500	3700	4900	ug/Kg
106-46-7	1,4-Dichlorobenzene	2500	U	2500	3700	4900	ug/Kg
100-51-6	Benzyl Alcohol	2400	U	2400	7700	9400	ug/Kg
95-48-7	2-Methylphenol	2300	U	2300	3700	4900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600	U	2600	3700	4900	ug/Kg
98-86-2	Acetophenone	2500	U	2500	3700	4900	ug/Kg
65794-96-9	3+4-Methylphenols	2300	U	2300	7700	9400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200	U	1200	2300	2300	ug/Kg
67-72-1	Hexachloroethane	2400	U	2400	3700	4900	ug/Kg
98-95-3	Nitrobenzene	2600	U	2600	3700	4900	ug/Kg
78-59-1	Isophorone	2400	U	2400	3700	4900	ug/Kg
88-75-5	2-Nitrophenol	2700	U	2700	3700	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	2700	U	2700	3700	4900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2500	U	2500	3700	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	2200	U	2200	3700	4900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2400	U	2400	3700	4900	ug/Kg
65-85-0	Benzoic acid	6800	U	6800	7700	9400	ug/Kg
91-20-3	Naphthalene	2400	U	2400	3700	4900	ug/Kg
106-47-8	4-Chloroaniline	2400	U	2400	3700	4900	ug/Kg
87-68-3	Hexachlorobutadiene	2400	U	2400	3700	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	ASPHALT-COMP	SDG No.:	BF120524
Lab Sample ID:	P5108-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	1.05	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
BF140757.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2500	U	2500	7700	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200	U	2200	3700	4900	ug/Kg
91-57-6	2-Methylnaphthalene	2400	U	2400	3700	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4500	U	4500	7700	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000	U	2000	3700	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100	U	2100	3700	4900	ug/Kg
92-52-4	1,1-Biphenyl	2500	U	2500	3700	4900	ug/Kg
91-58-7	2-Chloronaphthalene	2400	U	2400	3700	4900	ug/Kg
88-74-4	2-Nitroaniline	2700	U	2700	3700	4900	ug/Kg
131-11-3	Dimethylphthalate	2300	U	2300	3700	4900	ug/Kg
208-96-8	Acenaphthylene	2500	U	2500	3700	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	2400	U	2400	3700	4900	ug/Kg
99-09-2	3-Nitroaniline	2500	U	2500	3700	4900	ug/Kg
83-32-9	Acenaphthene	2300	U	2300	3700	4900	ug/Kg
Total PAH	Total PAH	37900	U	37900	3700	78400	ug/Kg
51-28-5	2,4-Dinitrophenol	6900	U	6900	7700	9400	ug/Kg
100-02-7	4-Nitrophenol	3300	U	3300	7700	9400	ug/Kg
132-64-9	Dibenzofuran	2400	U	2400	3700	4900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4900	U	4900	3700	9800	ug/Kg
121-14-2	2,4-Dinitrotoluene	2500	U	2500	3700	4900	ug/Kg
84-66-2	Diethylphthalate	2300	U	2300	3700	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2400	U	2400	3700	4900	ug/Kg
86-73-7	Fluorene	2400	U	2400	3700	4900	ug/Kg
100-01-6	4-Nitroaniline	3100	U	3100	3700	4900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3300	U	3300	7700	9400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300	U	2300	3700	4900	ug/Kg
103-33-3	Azobenzene	2300	U	2300	3700	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300	U	2300	3700	4900	ug/Kg
118-74-1	Hexachlorobenzene	2400	U	2400	3700	4900	ug/Kg
1912-24-9	Atrazine	2600	U	2600	3700	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	ASPHALT-COMP	SDG No.:	BF120524
Lab Sample ID:	P5108-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	1.05	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
BF140757.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	U	2200	7700	9400	ug/Kg
85-01-8	Phenanthrene	2400	U	2400	3700	4900	ug/Kg
120-12-7	Anthracene	2400	U	2400	3700	4900	ug/Kg
86-74-8	Carbazole	2300	U	2300	3700	4900	ug/Kg
84-74-2	Di-n-butylphthalate	2400	U	2400	3700	4900	ug/Kg
206-44-0	Fluoranthene	2300	U	2300	3700	4900	ug/Kg
92-87-5	Benzidine	4700	U	4700	7700	9400	ug/Kg
129-00-0	Pyrene	2400	U	2400	3700	4900	ug/Kg
85-68-7	Butylbenzylphthalate	2800	U	2800	3700	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2800	U	2800	7700	9400	ug/Kg
56-55-3	Benzo(a)anthracene	2300	U	2300	3700	4900	ug/Kg
218-01-9	Chrysene	2300	U	2300	3700	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	3700	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	3100	U	3100	7700	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300	U	2300	3700	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400	U	2400	3700	4900	ug/Kg
50-32-8	Benzo(a)pyrene	2700	U	2700	3700	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200	U	2200	3700	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300	U	2300	3700	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300	U	2300	3700	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2500	U	2500	3700	4900	ug/Kg
123-91-1	1,4-Dioxane	3100	U	3100	3700	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100	U	2100	3700	4900	ug/Kg
90-12-0	1-Methylnaphthalene	2400	U	2400	4900	4900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.86		18-112		60	SPK: -150
13127-88-3	Phenol-d6	86.333		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	61.329		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	72.3		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	ASPHALT-COMP	SDG No.:	BF120524
Lab Sample ID:	P5108-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140757.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	72.901		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	50.387		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61474	6.869				
1146-65-2	Naphthalene-d8	222929	8.151				
15067-26-2	Acenaphthene-d10	107023	9.904				
1517-22-2	Phenanthrene-d10	162893	11.398				
1719-03-5	Chrysene-d12	131245	14.051				
1520-96-3	Perylene-d12	111068	15.557				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	47200	J			2.14	
004744-10-9	Propane, 1,1-dimethoxy-	2000	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7800	A			5.093	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	TR-04-12042024	SDG No.:	BF120524
Lab Sample ID:	P5098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140758.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.1	U	57.1	180	220	ug/Kg
110-86-1	Pyridine	52.5	U	52.5	85.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.7	U	63.7	85.4	110	ug/Kg
108-95-2	Phenol	54.5	U	54.5	85.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	55	85.4	110	ug/Kg
95-57-8	2-Chlorophenol	54.9	U	54.9	85.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.6	U	55.6	85.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.5	U	56.5	85.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.9	U	56.9	85.4	110	ug/Kg
100-51-6	Benzyl Alcohol	54.6	U	54.6	180	220	ug/Kg
95-48-7	2-Methylphenol	53	U	53	85.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.7	U	59.7	85.4	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.5	U	52.5	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.5	U	26.5	52.6	52.6	ug/Kg
67-72-1	Hexachloroethane	54.6	U	54.6	85.4	110	ug/Kg
98-95-3	Nitrobenzene	59.7	U	59.7	85.4	110	ug/Kg
78-59-1	Isophorone	55.6	U	55.6	85.4	110	ug/Kg
88-75-5	2-Nitrophenol	62.1	U	62.1	85.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.3	U	61.3	85.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.4	U	56.4	85.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.6	U	49.6	85.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.1	U	56.1	85.4	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.3	U	54.3	85.4	110	ug/Kg
106-47-8	4-Chloroaniline	54.3	U	54.3	85.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.8	U	54.8	85.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	TR-04-12042024	SDG No.:	BF120524
Lab Sample ID:	P5098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140758.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.1	U	57.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.9	U	50.9	85.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	180		54.2	85.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.9	U	46.9	85.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.6	U	48.6	85.4	110	ug/Kg
92-52-4	1,1-Biphenyl	93.2	J	57.4	85.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.8	U	54.8	85.4	110	ug/Kg
88-74-4	2-Nitroaniline	62.4	U	62.4	85.4	110	ug/Kg
131-11-3	Dimethylphthalate	53.7	U	53.7	85.4	110	ug/Kg
208-96-8	Acenaphthylene	56.9	U	56.9	85.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.7	U	54.7	85.4	110	ug/Kg
99-09-2	3-Nitroaniline	58.6	U	58.6	85.4	110	ug/Kg
83-32-9	Acenaphthene	53.3	U	53.3	85.4	110	ug/Kg
Total PAH	Total PAH	4876.2	U	871	85.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.2	U	76.2	180	220	ug/Kg
132-64-9	Dibenzofuran	55.5	U	55.5	85.4	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.7	U	56.7	85.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	111.4	U	111.4	85.4	220	ug/Kg
84-66-2	Diethylphthalate	52.6	U	52.6	85.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.3	U	56.3	85.4	110	ug/Kg
86-73-7	Fluorene	56.2	U	56.2	85.4	110	ug/Kg
100-01-6	4-Nitroaniline	70.3	U	70.3	85.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.9	U	76.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.6	U	53.6	85.4	110	ug/Kg
103-33-3	Azobenzene	52.3	U	52.3	85.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.9	U	51.9	85.4	110	ug/Kg
118-74-1	Hexachlorobenzene	55.9	U	55.9	85.4	110	ug/Kg
1912-24-9	Atrazine	60.1	U	60.1	85.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	TR-04-12042024	SDG No.:	BF120524
Lab Sample ID:	P5098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140758.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.8	U	50.8	180	220	ug/Kg
85-01-8	Phenanthrene	460		55.2	85.4	110	ug/Kg
120-12-7	Anthracene	93.7	J	55.5	85.4	110	ug/Kg
86-74-8	Carbazole	52.8	U	52.8	85.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.4	U	55.4	85.4	110	ug/Kg
206-44-0	Fluoranthene	920		53.7	85.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	680		54.6	85.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.6	U	63.6	85.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.8	U	64.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	410		53	85.4	110	ug/Kg
218-01-9	Chrysene	370		52.3	85.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.8	U	59.8	85.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.3	U	72.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	580		53.3	85.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		54.3	85.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	540		61.1	85.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		51.3	85.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	72.5	J	53.4	85.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	280		52.6	85.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.1	U	57.1	85.4	110	ug/Kg
123-91-1	1,4-Dioxane	72.3	U	72.3	85.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.1	U	49.1	85.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	120		54.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.832		18-112		49	SPK: -150
13127-88-3	Phenol-d6	67.265		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	54.632		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	56.317		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	TR-04-12042024	SDG No.:	BF120524
Lab Sample ID:	P5098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BF140758.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.467		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	43.256		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53659	6.869				
1146-65-2	Naphthalene-d8	168105	8.151				
15067-26-2	Acenaphthene-d10	76294	9.91				
1517-22-2	Phenanthrene-d10	137445	11.398				
1719-03-5	Chrysene-d12	113590	14.057				
1520-96-3	Perylene-d12	84812	15.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-67-8	Mesitylene	540	J			6.692	
001074-43-7	Benzene, 1-methyl-3-propyl-	410	J			7.14	
000105-05-5	Benzene, 1,4-diethyl-	500	J			7.187	
001074-55-1	Benzene, 1-methyl-4-propyl-	430	J			7.257	
000629-50-5	Tridecane	270	J			8.734	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	300	J			9.622	
000629-59-4	Tetradecane	440	J			9.833	
000544-76-3	Hexadecane	560	J			10.333	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	240	J			10.551	
000629-94-7	Heneicosane	3700	J			10.81	
007098-22-8	Tetratetracontane	320	J			10.998	
000593-45-3	Octadecane	410	J			11.128	
013287-23-5	Heptadecane, 8-methyl-	2500	J			11.257	
1000309-12-4	Sulfurous acid, 2-propyl tridecyl	210	J			11.563	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	270	J			11.845	
000112-95-8	Eicosane	1600	J			12.086	
000629-92-5	Nonadecane	1300	J			12.475	
054833-23-7	Eicosane, 10-methyl-	300	J			13.204	
000646-31-1	Tetracosane	210	J			13.545	

Report of Analysis

Client:		Date Collected:	12/4/2024 12:00:00 AM
Project:		Date Received:	12/4/2024 12:00:00 AM
Client Sample ID:	TR-04-12042024	SDG No.:	BF120524
Lab Sample ID:	P5098-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
Sample Wt/Vol:	50.1 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
BF140758.D	1	12/5/2024 12:00:00 AM	12/5/2024 12:00:00 AM	PB165383

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
055124-79-3	Heptadecane, 9-hexyl-	240	J			13.874	

Hit Summary Sheet SW-846

SDG No.: BF120524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	OR-640-COMP-63RE							
P5052-20RE	OR-640-COMP-63RE	water	Benzoic acid	84.700	J	54.7	100	ug/L
			Total Svoc :			84.70		
			Total Concentration:			84.70		
Client ID :	MH-764							
P5095-01	MH-764	Solid	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P5095-01	MH-764	Solid	9-Octadecenamide, (Z)- *	120.000	J			
P5095-01	MH-764	Solid	Benzophenone *	180.000	J			
P5095-01	MH-764	Solid	Butane, 2-methoxy-2-methyl- *	950.000	J			
			Total Tics :			1,440.00		
			Total Concentration:			1,440.00		
Client ID :	MH-B							
P5096-01	MH-B	Solid	11H-Benzo[b]fluorene *	130.000	J			
P5096-01	MH-B	Solid	2-Pentanone, 4-hydroxy-4-methyl *	230.000	A			
P5096-01	MH-B	Solid	4H-Cyclopenta[def]phenanthrene *	400.000	J			
P5096-01	MH-B	Solid	9,10-Dimethylanthracene *	150.000	J			
P5096-01	MH-B	Solid	Anthracene, 1-methyl- *	210.000	J			
P5096-01	MH-B	Solid	Anthracene, 9-phenyl- *	140.000	J			
P5096-01	MH-B	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d *	110.000	J			
P5096-01	MH-B	Solid	Benzo[b]chrysene *	170.000	J			
P5096-01	MH-B	Solid	Benzo[e]pyrene *	290.000	J			
P5096-01	MH-B	Solid	Benzophenone *	260.000	J			
P5096-01	MH-B	Solid	Butane, 2-methoxy-2-methyl- *	1,100.000	J			
P5096-01	MH-B	Solid	Cyclopenta(def)phenanthrenone *	140.000	J			
P5096-01	MH-B	Solid	Dibenzo[def,mno]chrysene *	180.000	J			
P5096-01	MH-B	Solid	Dinaphtho[1,2-b:1,2-d]furan *	140.000	J			
P5096-01	MH-B	Solid	Naphthalene, 2-phenyl- *	110.000	J			
P5096-01	MH-B	Solid	Perylene *	750.000	J			
P5096-01	MH-B	Solid	Phenanthrene, 1-methyl- *	120.000	J			
P5096-01	MH-B	Solid	Phenanthrene, 2-methyl- *	140.000	J			
P5096-01	MH-B	Solid	Picene *	100.000	J			
P5096-01	MH-B	Solid	Pyrene, 4,5,9,10-tetrahydro- *	140.000	J			
			Total Tics :			5,010.00		
P5096-01	MH-B	Solid	Acenaphthylene	120.000		60.3	120	ug/Kg
P5096-01	MH-B	Solid	Anthracene	210.000		58.8	120	ug/Kg
P5096-01	MH-B	Solid	Benzo(a)anthracene	1,500.000		56.3	120	ug/Kg
P5096-01	MH-B	Solid	Benzo(a)pyrene	1,300.000		64.8	120	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5096-01	MH-B	Solid	Benzo(b)fluoranthene	1,400.000		56.5	120	ug/Kg
P5096-01	MH-B	Solid	Benzo(g,h,i)perylene	420.000		55.9	120	ug/Kg
P5096-01	MH-B	Solid	Benzo(k)fluoranthene	470.000		57.6	120	ug/Kg
P5096-01	MH-B	Solid	Chrysene	1,100.000		55.4	120	ug/Kg
P5096-01	MH-B	Solid	Dibenzo(a,h)anthracene	160.000		56.6	120	ug/Kg
P5096-01	MH-B	Solid	Fluoranthene	1,900.000	E	57	120	ug/Kg
P5096-01	MH-B	Solid	Indeno(1,2,3-cd)pyrene	450.000		54.5	120	ug/Kg
P5096-01	MH-B	Solid	Phenanthrene	520.000		58.6	120	ug/Kg
P5096-01	MH-B	Solid	Pyrene	1,700.000		57.9	120	ug/Kg

Total Svoc : 11,250.00

Total Concentration: 16,260.00

Client ID : MH-A

P5096-05	MH-A	Solid	1,2:4,5-Dibenzopyrene	*	91.700	J		
P5096-05	MH-A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	300.000	A		
P5096-05	MH-A	Solid	9-Octadecenamide, (Z)-	*	140.000	J		
P5096-05	MH-A	Solid	Benzophenone	*	320.000	J		
P5096-05	MH-A	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P5096-05	MH-A	Solid	Dibenzo(a,i)pyrene	*	120.000	J		
P5096-05	MH-A	Solid	n-Hexadecanoic acid	*	63.100	J		
P5096-05	MH-A	Solid	Pentanedioic acid, dimethyl ester	*	54.900	J		
P5096-05	MH-A	Solid	Propane, 1,1-dimethoxy-	*	53.800	J		

Total Tics : 2,643.50

Total Concentration: 2,643.50

Client ID : TR-04-12042024

P5098-01	TR-04-12042024	Solid	Benzene, 1,4-diethyl-	*	500.000	J		
P5098-01	TR-04-12042024	Solid	Benzene, 1-methyl-3-propyl-	*	410.000	J		
P5098-01	TR-04-12042024	Solid	Benzene, 1-methyl-4-propyl-	*	430.000	J		
P5098-01	TR-04-12042024	Solid	Carbonic acid, eicosyl vinyl ester	*	270.000	J		
P5098-01	TR-04-12042024	Solid	Eicosane	*	1,600.000	J		
P5098-01	TR-04-12042024	Solid	Eicosane, 10-methyl-	*	300.000	J		
P5098-01	TR-04-12042024	Solid	Heneicosane	*	3,700.000	J		
P5098-01	TR-04-12042024	Solid	Heptadecane, 2,6,10,15-tetramethy	*	300.000	J		
P5098-01	TR-04-12042024	Solid	Heptadecane, 8-methyl-	*	2,500.000	J		
P5098-01	TR-04-12042024	Solid	Heptadecane, 9-hexyl-	*	240.000	J		
P5098-01	TR-04-12042024	Solid	Hexadecane	*	560.000	J		
P5098-01	TR-04-12042024	Solid	Mesitylene	*	540.000	J		
P5098-01	TR-04-12042024	Solid	Nonadecane	*	1,300.000	J		
P5098-01	TR-04-12042024	Solid	Octadecane	*	410.000	J		
P5098-01	TR-04-12042024	Solid	Pentadecane, 2,6,10-trimethyl-	*	240.000	J		

Hit Summary Sheet SW-846

SDG No.: BF120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5098-01	TR-04-12042024	Solid	Sulfurous acid, 2-propyl tridecyl	*	210.000	J		
P5098-01	TR-04-12042024	Solid	Tetracosane	*	210.000	J		
P5098-01	TR-04-12042024	Solid	Tetradecane	*	440.000	J		
P5098-01	TR-04-12042024	Solid	Tetratetracontane	*	320.000	J		
P5098-01	TR-04-12042024	Solid	Tridecane	*	270.000	J		
Total Tics :				14,750.00				
P5098-01	TR-04-12042024	Solid	1,1-Biphenyl		93.200	J	57.4	110 ug/Kg
P5098-01	TR-04-12042024	Solid	1-Methylnaphthalene		120.000		54.7	110 ug/Kg
P5098-01	TR-04-12042024	Solid	2-Methylnaphthalene		180.000		54.2	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Anthracene		93.700	J	55.5	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Benzo(a)anthracene		410.000		53	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Benzo(a)pyrene		540.000		61.1	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Benzo(b)fluoranthene		580.000		53.3	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Benzo(g,h,i)perylene		280.000		52.6	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Benzo(k)fluoranthene		230.000		54.3	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Chrysene		370.000		52.3	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Dibenzo(a,h)anthracene		72.500	J	53.4	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Fluoranthene		920.000		53.7	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Indeno(1,2,3-cd)pyrene		240.000		51.3	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Phenanthrene		460.000		55.2	110 ug/Kg
P5098-01	TR-04-12042024	Solid	Pyrene		680.000		54.6	110 ug/Kg
Total Svoc :				5,269.40				
Total Concentration:				20,019.40				
Client ID : 324								
P5100-01	324	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P5100-01	324	Solid	Benzo[e]pyrene	*	45.200	J		
P5100-01	324	Solid	Benzophenone	*	230.000	J		
P5100-01	324	Solid	Butane, 2-methoxy-2-methyl-	*	930.000	J		
P5100-01	324	Solid	Phenanthrene, 2-methyl-	*	50.400	J		
Total Tics :				1,455.60				
P5100-01	324	Solid	Benzo(a)anthracene		84.800	J	52.3	110 ug/Kg
P5100-01	324	Solid	Benzo(a)pyrene		74.800	J	60.3	110 ug/Kg
P5100-01	324	Solid	Benzo(b)fluoranthene		93.600	J	52.6	110 ug/Kg
P5100-01	324	Solid	Chrysene		87.500	J	51.5	110 ug/Kg
P5100-01	324	Solid	Fluoranthene		150.000		53	110 ug/Kg
P5100-01	324	Solid	Phenanthrene		95.300	J	54.5	110 ug/Kg
P5100-01	324	Solid	Pyrene		99.500	J	53.8	110 ug/Kg
Total Svoc :				685.50				
Total Concentration:				2,141.10				

Client ID : CTWK-COMP-1

Hit Summary Sheet SW-846

SDG No.: BF120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5105-01	CTWK-COMP-1	Solid	11H-Benzo[a]fluoren-11-one	*	180.000	J		
P5105-01	CTWK-COMP-1	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P5105-01	CTWK-COMP-1	Solid	2-Methylchrysene	*	140.000	J		
P5105-01	CTWK-COMP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	190.000	A		
P5105-01	CTWK-COMP-1	Solid	Benzene, (1-ethyloctyl)-	*	750.000	J		
P5105-01	CTWK-COMP-1	Solid	Benzene, (1-methyldodecyl)-	*	230.000	J		
P5105-01	CTWK-COMP-1	Solid	Benzene, (1-methyltridecyl)-	*	2,100.000	J		
P5105-01	CTWK-COMP-1	Solid	Benzo[e]pyrene	*	630.000	J		
P5105-01	CTWK-COMP-1	Solid	Benzophenone	*	210.000	J		
P5105-01	CTWK-COMP-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
P5105-01	CTWK-COMP-1	Solid	Cyclopenta(def)phenanthrene	*	130.000	J		
P5105-01	CTWK-COMP-1	Solid	Pentacosane	*	100.000	J		
P5105-01	CTWK-COMP-1	Solid	Pentadecane, 2,6,10,14-tetramethy	*	180.000	J		
P5105-01	CTWK-COMP-1	Solid	Phenanthrene, 2,5-dimethyl-	*	170.000	J		
P5105-01	CTWK-COMP-1	Solid	Phenylacetic acid, 2-chloroethyl e	*	150.000	J		
P5105-01	CTWK-COMP-1	Solid	Pyrene, 1-methyl-	*	150.000	J		
P5105-01	CTWK-COMP-1	Solid	Pyrene, 2-methyl-	*	210.000	J		
P5105-01	CTWK-COMP-1	Solid	Tetradecane	*	110.000	J		
P5105-01	CTWK-COMP-1	Solid	unknown11.845	*	120.000	J		
P5105-01	CTWK-COMP-1	Solid	unknown11.910	*	500.000	J		
Total Tics :					7,390.00			
P5105-01	CTWK-COMP-1	Solid	Acenaphthylene		320.000	61.6	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Anthracene		140.000	60.1	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Benzo(a)anthracene		540.000	57.5	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Benzo(a)pyrene		540.000	66.2	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Benzo(b)fluoranthene		650.000	57.7	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Benzo(g,h,i)perylene		330.000	57	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Benzo(k)fluoranthene		250.000	58.8	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Chrysene		810.000	56.6	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Dibenzo(a,h)anthracene		96.700	J 57.8	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Fluoranthene		630.000	58.2	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Indeno(1,2,3-cd)pyrene		230.000	55.6	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Phenanthrene		290.000	59.8	120	ug/Kg
P5105-01	CTWK-COMP-1	Solid	Pyrene		730.000	59.1	120	ug/Kg
Total Svoc :					5,556.70			
Total Concentration:					12,946.70			
Client ID : ASPHALT-COMP								
P5108-01	ASPHALT-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	7,800.000	A		
P5108-01	ASPHALT-COMP	Solid	Butane, 2-methoxy-2-methyl-	*	47,200.000	J		
P5108-01	ASPHALT-COMP	Solid	Propane, 1,1-dimethoxy-	*	2,000.000	J		



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

Hit Summary Sheet
SW-846

SDG No.: BF120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :		57,000.00			
			Total Concentration:		57,000.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG NO.: BF120524

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 13:18

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 PB165366BL	87049	6.88	348431	8.15	211689	9.91
02 PB165366BS	73438	6.88	290353	8.16	169894	9.91
03 PB165341TB	73803	6.87	290921	8.15	172517	9.91
04 PB165383BL	70492	6.87	275647	8.15	164066	9.91
05 PB165383BS	70557	6.88	276888	8.16	161032	9.91
06 OR-640-COMP-63RE	71425	6.87	243288	8.15	33168 *	9.90
07 MH-764	68436	6.87	268593	8.15	151788	9.90
08 MH-B	67772	6.87	257536	8.15	140237	9.90
09 MH-A	66841	6.87	261690	8.15	141260	9.90
10 MH-AMS	67405	6.87	250139	8.15	136184	9.90
11 MH-AMSD	70502	6.87	271659	8.15	146467	9.91
12 324	61579	6.87	231982	8.15	113647 *	9.90
13 CTWK-COMP-1	64491	6.87	226256	8.15	105193 *	9.90
14 ASPHALT-COMP	61474	6.87	222929	8.15	107023 *	9.90
15 TR-04-12042024	53659 *	6.87	168105 *	8.15	76294 *	9.91

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG NO.: BF120524

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BF140743.D Time Analyzed: 13:18

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	84197	6.875	319362	8.16	181460	9.91
UPPER LIMIT	168394	7.375	638724	8.657	362920	10.41
LOWER LIMIT	42098.5	6.375	159681	7.657	90730	9.41
EPA SAMPLE NO.						
01 PB165366BL	87049	6.88	348431	8.15	211689	9.91
02 PB165366BS	73438	6.88	290353	8.16	169894	9.91
03 PB165341TB	73803	6.87	290921	8.15	172517	9.91
04 PB165383BL	70492	6.87	275647	8.15	164066	9.91
05 PB165383BS	70557	6.88	276888	8.16	161032	9.91
06 OR-640-COMP-63RE	71425	6.87	243288	8.15	33168 *	9.90
07 MH-764	68436	6.87	268593	8.15	151788	9.90
08 MH-B	67772	6.87	257536	8.15	140237	9.90
09 MH-A	66841	6.87	261690	8.15	141260	9.90
10 MH-AMS	67405	6.87	250139	8.15	136184	9.90
11 MH-AMSD	70502	6.87	271659	8.15	146467	9.91
12 324	61579	6.87	231982	8.15	113647	9.90
13 CTWK-COMP-1	64491	6.87	226256	8.15	105193	9.90
14 ASPHALT-COMP	61474	6.87	222929	8.15	107023	9.90
15 TR-04-12042024	53659	6.87	168105	8.15	76294 *	9.91

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG NO.: BF120524

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 13:18

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	PB165366BL	434253	11.40	309814	14.06	231587	15.56
02	PB165366BS	326566	11.40	212008	14.06	170579	15.57
03	PB165341TB	348191	11.40	252453	14.06	191529	15.56
04	PB165383BL	325670	11.40	233743	14.06	188357	15.57
05	PB165383BS	312586	11.40	204731	14.06	165261	15.56
06	OR-640-COMP-63RE	123062 *	11.40	12365 *	14.06	0 *	0.00
07	MH-764	264666	11.40	131024	14.05	122165	15.56
08	MH-B	230543	11.40	124081	14.05	139366	15.56
09	MH-A	235200	11.40	137617	14.06	155384	15.58
10	MH-AMS	233226	11.40	135190	14.06	148168	15.57
11	MH-AMSD	237103	11.40	143094	14.05	155027	15.56
12	324	177433 *	11.40	132691	14.05	131241	15.55
13	CTWK-COMP-1	153445 *	11.40	132597	14.06	122214	15.57
14	ASPHALT-COMP	162893 *	11.40	131245	14.05	111068	15.56
15	TR-04-12042024	137445 *	11.40	113590 *	14.06	84812 *	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG NO.: BF120524

EPA Sample No.: SSTDICCC040 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BF140532.D Time Analyzed: 19:29

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.						

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.: BF120524 SAS No.: BF120524 SDG NO.: BF120524

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BF140743.D Time Analyzed: 13:18

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	346546	11.404	221456	14.057	183043	15.557
	UPPER LIMIT	693092	11.904	442912	14.557	366086	16.057
	LOWER LIMIT	173273	10.904	110728	13.557	91521.5	15.057
	EPA SAMPLE NO.						
01	PB165366BL	434253	11.40	309814	14.06	231587	15.56
02	PB165366BS	326566	11.40	212008	14.06	170579	15.57
03	PB165341TB	348191	11.40	252453	14.06	191529	15.56
04	PB165383BL	325670	11.40	233743	14.06	188357	15.57
05	PB165383BS	312586	11.40	204731	14.06	165261	15.56
06	OR-640-COMP-63RE	123062 *	11.40	12365 *	14.06	0 *	0.00 *
07	MH-764	264666	11.40	131024	14.05	122165	15.56
08	MH-B	230543	11.40	124081	14.05	139366	15.56
09	MH-A	235200	11.40	137617	14.06	155384	15.58
10	MH-AMS	233226	11.40	135190	14.06	148168	15.57
11	MH-AMSD	237103	11.40	143094	14.05	155027	15.56
12	324	177433	11.40	132691	14.05	131241	15.55
13	CTWK-COMP-1	153445 *	11.40	132597	14.06	122214	15.57
14	ASPHALT-COMP	162893 *	11.40	131245	14.05	111068	15.56
15	TR-04-12042024	137445 *	11.40	113590	14.06	84812 *	15.56

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF120524 SAS No.: BF120524 SDG NO.: BF120524

EPA Sample No.: SSTDCCC040 Date Analyzed: Dec 5 2024 12:00AM

Lab File ID: BF140743.D Time Analyzed: 19:29

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	346546	11.404	221456	14.057	183043	15.557
UPPER LIMIT	693092	11.904	442912	14.557	366086	16.057
LOWER LIMIT	173273	10.904	110728	13.557	91521.5	15.057
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120524**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165366BS	n-Nitrosodimethylamine	50	44.2	ug/L	88				55	108	
	Pyridine	50	41	ug/L	82				29	97	
	Benzaldehyde	50	17	ug/L	34				10	162	
	Aniline	50	56.4	ug/L	113				10	130	
	Phenol	50	52.1	ug/L	104				66	118	
	bis(2-Chloroethyl)ether	50	53.8	ug/L	108		*		62	103	
	2-Chlorophenol	50	51.5	ug/L	103				70	117	
	1,2-Dichlorobenzene	50	47.4	ug/L	95				72	102	
	1,3-Dichlorobenzene	50	46.2	ug/L	92				71	103	
	1,4-Dichlorobenzene	50	46.4	ug/L	93				76	103	
	Benzyl Alcohol	50	50.1	ug/L	100		*		36	93	
	2-Methylphenol	50	51.6	ug/L	103				69	109	
	2,2-oxybis(1-Chloropropane)	50	49.9	ug/L	100				65	100	
	Acetophenone	50	46.9	ug/L	94				60	104	
	3+4-Methylphenols	50	54	ug/L	108		*		67	106	
	N-Nitroso-di-n-propylamine	50	50.8	ug/L	102				57	107	
	Hexachloroethane	50	46.6	ug/L	93				76	118	
	Nitrobenzene	50	44.8	ug/L	90				58	106	
	Isophorone	50	49.4	ug/L	99				61	102	
	2-Nitrophenol	50	49.2	ug/L	98				70	115	
	2,4-Dimethylphenol	50	64.7	ug/L	129				42	142	
	bis(2-Chloroethoxy)methane	50	49.9	ug/L	100				58	109	
	2,4-Dichlorophenol	50	51.9	ug/L	104				66	115	
	1,2,4-Trichlorobenzene	50	44.9	ug/L	90				41	115	
	Benzoic acid	50	41.7	ug/L	83				10	125	
	Naphthalene	50	47.3	ug/L	95				64	107	
	4-Chloroaniline	50	26.3	ug/L	53				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	50.7	ug/L	101				58	128	
	4-Chloro-3-methylphenol	50	51.4	ug/L	103				65	114	
	2-Methylnaphthalene	50	50.3	ug/L	101				64	107	
	Hexachlorocyclopentadiene	100	160	ug/L	160				36	160	
	2,4,6-Trichlorophenol	50	49.4	ug/L	99				61	110	
	2,4,5-Trichlorophenol	50	47.9	ug/L	96				70	106	
	1,1-Biphenyl	50	48.5	ug/L	97				72	98	
	2-Chloronaphthalene	50	47.7	ug/L	95				59	106	
	2-Nitroaniline	50	48.8	ug/L	98				73	114	
	Dimethylphthalate	50	50.8	ug/L	102				64	103	
	Acenaphthylene	50	51.5	ug/L	103				79	103	
	2,6-Dinitrotoluene	50	48	ug/L	96				64	110	
	3-Nitroaniline	50	34.1	ug/L	68				28	100	
	Acenaphthene	50	49.2	ug/L	98				59	113	
	Total PAH	800	800	ug/L	100				59	113	
	2,4-Dinitrophenol	100	90.9	ug/L	91				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165366BS	4-Nitrophenol	100	85.6	ug/L	86				45	147	
	Dibenzofuran	50	48.9	ug/L	98				65	106	
	2,4-Dinitrotoluene	50	48.3	ug/L	97				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	96.3	ug/L	96				60	115	
	Diethylphthalate	50	50.1	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	50.2	ug/L	100				61	104	
	Fluorene	50	49.8	ug/L	100				64	107	
	4-Nitroaniline	50	47	ug/L	94				55	125	
	4,6-Dinitro-2-methylphenol	50	53.4	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50	49.6	ug/L	99				61	109	
	Azobenzene	50	50.6	ug/L	101				59	106	
	4-Bromophenyl-phenylether	50	50.7	ug/L	101				73	103	
	Hexachlorobenzene	50	47.8	ug/L	96				73	106	
	Atrazine	50	54.9	ug/L	110				76	120	
	Pentachlorophenol	100	85.5	ug/L	86				47	114	
	Phenanthrene	50	50.6	ug/L	101				62	109	
	Anthracene	50	52.4	ug/L	105				65	110	
	Carbazole	50	49.5	ug/L	99				62	106	
	Di-n-butylphthalate	50	52.6	ug/L	105				64	106	
	Fluoranthene	50	50.8	ug/L	102				64	110	
	Benzidine	100	22.8	ug/L	23				10	94	
	Pyrene	50	45.1	ug/L	90				71	103	
	Butylbenzylphthalate	50	49.8	ug/L	100				61	105	
	3,3-Dichlorobenzidine	50	38.9	ug/L	78				43	108	
	Benzo(a)anthracene	50	50.5	ug/L	101				62	107	
	Chrysene	50	50.1	ug/L	100				61	108	
	bis(2-Ethylhexyl)phthalate	50	51.1	ug/L	102				59	110	
	Di-n-octyl phthalate	50	51.6	ug/L	103				52	139	
	Benzo(b)fluoranthene	50	52.1	ug/L	104				77	113	
	Benzo(k)fluoranthene	50	50.6	ug/L	101				77	105	
	Benzo(a)pyrene	50	54.6	ug/L	109				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.1	ug/L	100				72	105	
	Dibenz(a,h)anthracene	50	50.5	ug/L	101				78	115	
	Benzo(g,h,i)perylene	50	44.8	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	47.3	ug/L	95				72	101	
	1,4-Dioxane	50	37.8	ug/L	76				38	125	
	2,3,4,6-Tetrachlorophenol	50	56.7	ug/L	113				63	116	
	1-Methylnaphthalene	50	47.5	ug/L	95				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB165383BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	790	ug/Kg	46				10	133	
	Aniline	1700	1700	ug/Kg	100				38	100	
	Phenol	1700	1800	ug/Kg	106				62	112	
	bis(2-Chloroethyl)ether	1700	1800	ug/Kg	106		*		60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1800	ug/Kg	106				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1800	ug/Kg	106				58	111	
	N-Nitroso-di-n-propylamine	1700	1700	ug/Kg	100		*		63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	2200	ug/Kg	129				46	141	
	bis(2-Chloroethoxy)methane	1700	1700	ug/Kg	100		*		66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	5400	ug/Kg	164				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1700	ug/Kg	100		*		61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	27000	ug/Kg	99				57	104	
	2,4-Dinitrophenol	3300	3200	ug/Kg	97				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF120524**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165383BS	4-Nitrophenol	3300	2800	ug/Kg	85				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1900	ug/Kg	112				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1700	ug/Kg	100				59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	1000	ug/Kg	30				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1200	ug/Kg	71				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1800	ug/Kg	106				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165366BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120524

SAS No.: BF120524 SDG NO.: BF120524

Lab File ID: BF140744.D

Lab Sample ID: PB165366BL

Instrument ID: BNA_F

Date Extracted: 12/04/2024

Matrix: (soil/water) water

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 13:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165366BS	PB165366BS	BF140745.D	12/05/2024
PB165341TB	PB165341TB	BF140746.D	12/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165383BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF120524

SAS No.: BF120524 SDG NO.: BF120524

Lab File ID: BF140747.D

Lab Sample ID: PB165383BL

Instrument ID: BNA_F

Date Extracted: 12/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/05/2024

Level: (low/med) LOW

Time Analyzed: 14:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165383BS	PB165383BS	BF140748.D	12/05/2024
MH-764	P5095-01	BF140750.D	12/05/2024
MH-B	P5096-01	BF140751.D	12/05/2024
MH-A	P5096-05	BF140752.D	12/05/2024
MH-AMS	P5096-05MS	BF140753.D	12/05/2024
MH-AMSD	P5096-05MSD	BF140754.D	12/05/2024
324	P5100-01	BF140755.D	12/05/2024
CTWK-COMP-1	P5105-01	BF140756.D	12/05/2024
ASPHALT-COMP	P5108-01	BF140757.D	12/05/2024
TR-04-12042024	P5098-01	BF140758.D	12/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5096-05MS		Client Sample ID: MH-AMS		DataFile: BF140753.D							
n-Nitrosodimethylamine	1100		1000	ug/Kg	91				66	124	
Pyridine	1100		980	ug/Kg	89				45	119	
Benzaldehyde	1100		540	ug/Kg	49				10	86	
Aniline	1100		900	ug/Kg	82				10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109				54	125	
2-Chlorophenol	1100		1200	ug/Kg	109	*			79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109				65	110	
Acetophenone	1100		1100	ug/Kg	100				75	111	
3+4-Methylphenols	1100		1200	ug/Kg	109	*			66	104	
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109				59	119	
Hexachloroethane	1100		1100	ug/Kg	100				65	117	
Nitrobenzene	1100		1100	ug/Kg	100				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1500	ug/Kg	136	*			44	135	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1200	ug/Kg	109				72	118	
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100				57	103	
Benzoic acid	1100		840	ug/Kg	76				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		320	ug/Kg	29				10	91	
Hexachlorobutadiene	1100		1100	ug/Kg	100				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1200	ug/Kg	109				59	123	
Hexachlorocyclopentadiene	2300		3300	ug/Kg	143				10	175	
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1200	ug/Kg	109				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1200	ug/Kg	109				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		740	ug/Kg	67				30	99	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		18070	ug/Kg	103				70	121	
2,4-Dinitrophenol	2300		1800	ug/Kg	78				10	155	
4-Nitrophenol	2300		1500	ug/Kg	65				45	133	
Dibenzofuran	1100		1200	ug/Kg	109				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1200	ug/Kg	109				70	112	
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*			71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		990	ug/Kg	90				55	120	
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118				10	160	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				73	118	
Azobenzene	1100		1300	ug/Kg	118	*			73	110	
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118				65	121	
Hexachlorobenzene	1100		1200	ug/Kg	109				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2300		1700	ug/Kg	74				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	
Benzidine	2300		170	ug/Kg	7	*			10	119	
Pyrene	1100		1000	ug/Kg	91				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		910	ug/Kg	83				33	116	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100		1400	ug/Kg	127				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		1300	ug/Kg	118				70	142	
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91				40	129	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				43	123	
Benzo(g,h,i)perylene	1100		870	ug/Kg	79				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109				69	124	
1,4-Dioxane	1100		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				69	112	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120524

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P5096-05MSD		Client Sample ID: MH-AMSD		DataFile: BF140754.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		9		66	124	20
Pyridine	1100		1000	ug/Kg	91		2		45	119	20
Benzaldehyde	1100		560	ug/Kg	51		4		10	86	20
Aniline	1100		930	ug/Kg	85		4		10	88	20
Phenol	1100		1200	ug/Kg	109		0		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		0		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	0		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100		9		47	126	20
2-Methylphenol	1100		1100	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		0		65	110	20
Acetophenone	1100		1100	ug/Kg	100		0		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109	*	0		66	104	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		0		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		0		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		0		70	119	20
Isophorone	1100		1200	ug/Kg	109		0		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		0		54	145	20
2,4-Dimethylphenol	1100		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		1200	ug/Kg	109		0		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		0		57	103	20
Benzoic acid	1100		870	ug/Kg	79		4		50	104	20
Naphthalene	1100		1100	ug/Kg	100		0		72	110	20
4-Chloroaniline	1100		300	ug/Kg	27		7		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		0		66	114	20
Caprolactam	1100		1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1100		1200	ug/Kg	109		0		59	123	20
Hexachlorocyclopentadiene	2300		3200	ug/Kg	139		3		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		0		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		0		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		0		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		0		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		0		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		710	ug/Kg	65		3		30	99	20
Acenaphthene	1100		1100	ug/Kg	100		9		70	121	20
Total PAH	17600		18010	ug/Kg	102		1		70	121	20
2,4-Dinitrophenol	2300		1900	ug/Kg	83		6		10	155	20
4-Nitrophenol	2300		1500	ug/Kg	65		0		45	133	20
Dibenzofuran	1100		1100	ug/Kg	100		9		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF120524

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		0		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	0		71	108	20
Fluorene	1100		1100	ug/Kg	100		0		68	116	20
4-Nitroaniline	1100		960	ug/Kg	87		3		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		0		10	160	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		0		73	118	20
Azobenzene	1100		1300	ug/Kg	118	*	0		73	110	20
4-Bromophenyl-phenylether	1100		1300	ug/Kg	118		0		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		0		67	118	20
Atrazine	1100		1400	ug/Kg	127		0		79	127	20
Pentachlorophenol	2300		1800	ug/Kg	78		5		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		0		52	128	20
Anthracene	1100		1300	ug/Kg	118		8		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		8		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		9		44	125	20
Benzidine	2300		300	ug/Kg	13		60	*	10	119	20
Pyrene	1100		1000	ug/Kg	91		0		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		930	ug/Kg	85		2		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1200	ug/Kg	109		0		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		0		42	169	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127		0		23	175	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		0		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		0		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		990	ug/Kg	90		1		40	129	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		9		43	123	20
Benzo(g,h,i)perylene	1100		820	ug/Kg	75		5		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		0		69	124	20
1,4-Dioxane	1100		1000	ug/Kg	91		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		69	112	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF120524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5052-20RE	OR-640-COMP-63IBF140749.D		2-Fluorophenol	150	136.48	91		10	139
			Phenol-d6	150	39.22	26		10	134
			Nitrobenzene-d5	100	107.09	107		49	133
			2-Fluorobiphenyl	100	451.31	451	*	52	132
			2,4,6-Tribromophenol	150	735.60	490	*	44	137
			Terphenyl-d14	100	505.75	506	*	48	125
PB165341TB	PB165341TB	BF140746.D	2-Fluorophenol	150	148.00	99		10	139
			Phenol-d6	150	147.07	98		10	134
			Nitrobenzene-d5	100	94.30	94		49	133
			2-Fluorobiphenyl	100	95.60	96		52	132
			2,4,6-Tribromophenol	150	151.79	101		44	137
			Terphenyl-d14	100	87.15	87		48	125
PB165366BL	PB165366BL	BF140744.D	2-Fluorophenol	150	139.21	93		10	139
			Phenol-d6	150	143.76	96		10	134
			Nitrobenzene-d5	100	93.17	93		49	133
			2-Fluorobiphenyl	100	90.42	90		52	132
			2,4,6-Tribromophenol	150	146.67	98		44	137
			Terphenyl-d14	100	84.37	84		48	125
PB165366BS	PB165366BS	BF140745.D	2-Fluorophenol	150	147.85	99		10	139
			Phenol-d6	150	146.81	98		10	134
			Nitrobenzene-d5	100	95.01	95		49	133
			2-Fluorobiphenyl	100	97.45	97		52	132
			2,4,6-Tribromophenol	150	156.70	104		44	137
			Terphenyl-d14	100	97.46	97		48	125

Surrogate Summary

SW-846

SDG No.: **BF120524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5095-01	MH-764	BF140750.D	2-Fluorophenol	150	88.26	59		18	112
			Phenol-d6	150	84.79	57		15	107
			Nitrobenzene-d5	100	56.27	56		18	107
			2-Fluorobiphenyl	100	57.74	58		20	109
			2,4,6-Tribromophenol	150	81.27	54		10	116
			Terphenyl-d14	100	60.69	61		10	105
P5096-01	MH-B	BF140751.D	2-Fluorophenol	150	98.69	66		18	112
			Phenol-d6	150	98.22	65		15	107
			Nitrobenzene-d5	100	68.30	68		18	107
			2-Fluorobiphenyl	100	69.90	70		20	109
			2,4,6-Tribromophenol	150	90.04	60		10	116
			Terphenyl-d14	100	59.45	59		10	105
P5096-05	MH-A	BF140752.D	2-Fluorophenol	150	140.60	94		18	112
			Phenol-d6	150	138.71	92		15	107
			Nitrobenzene-d5	100	92.52	93		18	107
			2-Fluorobiphenyl	100	96.02	96		20	109
			2,4,6-Tribromophenol	150	134.31	90		10	116
			Terphenyl-d14	100	80.58	81		10	105
P5096-05MS	MH-AMS	BF140753.D	2-Fluorophenol	150	119.47	80		18	112
			Phenol-d6	150	119.48	80		15	107
			Nitrobenzene-d5	100	82.38	82		18	107
			2-Fluorobiphenyl	100	82.89	83		20	109
			2,4,6-Tribromophenol	150	122.14	81		10	116
			Terphenyl-d14	100	73.36	73		10	105
P5096-05MSD	MH-AMSD	BF140754.D	2-Fluorophenol	150	121.75	81		18	112
			Phenol-d6	150	120.59	80		15	107
			Nitrobenzene-d5	100	80.20	80		18	107
			2-Fluorobiphenyl	100	82.10	82		20	109
			2,4,6-Tribromophenol	150	117.67	78		10	116
			Terphenyl-d14	100	71.11	71		10	105
P5098-01	TR-04-12042024	BF140758.D	2-Fluorophenol	150	73.83	49		18	112
			Phenol-d6	150	67.27	45		15	107
			Nitrobenzene-d5	100	54.63	55		18	107
			2-Fluorobiphenyl	100	56.32	56		20	109
			2,4,6-Tribromophenol	150	63.47	42		10	116
			Terphenyl-d14	100	43.26	43		10	105
P5100-01	324	BF140755.D	2-Fluorophenol	150	101.04	67		18	112
			Phenol-d6	150	98.31	66		15	107
			Nitrobenzene-d5	100	67.60	68		18	107
			2-Fluorobiphenyl	100	78.16	78		20	109
			2,4,6-Tribromophenol	150	85.15	57		10	116
			Terphenyl-d14	100	53.94	54		10	105
P5105-01	CTWK-COMP-1	BF140756.D	2-Fluorophenol	150	83.33	56		18	112
			Phenol-d6	150	81.20	54		15	107
			Nitrobenzene-d5	100	60.16	60		18	107
			2-Fluorobiphenyl	100	65.57	66		20	109
			2,4,6-Tribromophenol	150	68.63	46		10	116
			Terphenyl-d14	100	43.41	43		10	105
P5108-01	ASPHALT-COMP	BF140757.D	2-Fluorophenol	150	89.86	60		18	112

Surrogate Summary

SW-846

SDG No.: **BF120524**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5108-01	ASPHALT-COMP	BF140757.D	Phenol-d6	150	86.33	58		15	107
			Nitrobenzene-d5	100	61.33	61		18	107
			2-Fluorobiphenyl	100	72.30	72		20	109
			2,4,6-Tribromophenol	150	72.90	49		10	116
			Terphenyl-d14	100	50.39	50		10	105
PB165383BL	PB165383BL	BF140747.D	2-Fluorophenol	150	147.48	98		18	112
			Phenol-d6	150	145.09	97		15	107
			Nitrobenzene-d5	100	93.78	94		18	107
			2-Fluorobiphenyl	100	94.84	95		20	109
			2,4,6-Tribromophenol	150	152.14	101		10	116
PB165383BS	PB165383BS	BF140748.D	Terphenyl-d14	100	89.35	89		10	105
			2-Fluorophenol	150	150.72	100		18	112
			Phenol-d6	150	149.73	100		15	107
			Nitrobenzene-d5	100	96.65	97		18	107
			2-Fluorobiphenyl	100	99.95	100		20	109
			2,4,6-Tribromophenol	150	155.69	104		10	116
			Terphenyl-d14	100	97.05	97		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF120524

Lab Code: CHEM

SAS No.: BF120524

SDG NO.: BF120524

Lab File ID: BF140742.D

DFTPP Injection Date: 12/05/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	48.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	94.8
443	15.0 - 24.0% of mass 442	17.9 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140743.D	12/05/2024	12:52
PB165366BL	PB165366BL	BF140744.D	12/05/2024	13:18
PB165366BS	PB165366BS	BF140745.D	12/05/2024	13:44
PB165341TB	PB165341TB	BF140746.D	12/05/2024	14:10
PB165383BL	PB165383BL	BF140747.D	12/05/2024	14:36
PB165383BS	PB165383BS	BF140748.D	12/05/2024	15:02
OR-640-COMP-63RE	P5052-20RE	BF140749.D	12/05/2024	15:34
MH-764	P5095-01	BF140750.D	12/05/2024	16:00
MH-B	P5096-01	BF140751.D	12/05/2024	16:26
MH-A	P5096-05	BF140752.D	12/05/2024	16:53
MH-AMS	P5096-05MS	BF140753.D	12/05/2024	17:19
MH-AMSD	P5096-05MSD	BF140754.D	12/05/2024	17:45
324	P5100-01	BF140755.D	12/05/2024	18:11
CTWK-COMP-1	P5105-01	BF140756.D	12/05/2024	18:37
ASPHALT-COMP	P5108-01	BF140757.D	12/05/2024	19:03
TR-04-12042024	P5098-01	BF140758.D	12/05/2024	19:29