

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE110424 SAS No.: BE110424 SDG No.: BE110424

Instrument ID: BNA_E Calibration Date/Time: 11/4/2024 1:12:49

Lab File ID: BE101453.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.466	0.474		1.717	
Pyridine	1.204	1.194		-0.831	
2-Fluorophenol	1.141	1.142		0.088	
Benzaldehyde	0.764	0.860		12.565	
Aniline	1.213	1.249		2.968	
Phenol-d6	1.582	1.573		-0.569	
Phenol	1.717	1.726		0.524	20.0
bis(2-Chloroethyl) ether	1.408	1.331		-5.469	
2-Chlorophenol	1.369	1.336		-2.411	
1,2-Dichlorobenzene	1.475	1.423		-3.525	
1,3-Dichlorobenzene	1.476	1.429		-3.184	
1,4-Dichlorobenzene	1.507	1.455		-3.451	20.0
Benzyl Alcohol	0.943	0.969		2.757	
2-Methylphenol	1.162	1.141		-1.807	
2,2-oxybis(1-Chloropropane)	1.772	1.654		-6.659	
Acetophenone	0.454	0.449		-1.101	
3+4-Methylphenols	1.604	1.572		-1.995	
n-Nitroso-di-n-propylamine	1.050	1.065	0.050	1.429	
Nitrobenzene-d5	0.318	0.321		0.943	
Hexachloroethane	0.492	0.496		0.813	
Nitrobenzene	0.339	0.336		-0.885	
Isophorone	0.621	0.634		2.093	
2-Nitrophenol	0.164	0.179		9.146	20.0
2,4-Dimethylphenol	0.206	0.206		0.0	
bis(2-Chloroethoxy) methane	0.377	0.376		-0.265	
2,4-Dichlorophenol	0.285	0.289		1.404	20.0
1,2,4-Trichlorobenzene	0.311	0.309		-0.643	
Benzoic acid	0.182	0.175		-3.846	
Naphthalene	1.019	0.990		-2.846	
4-Chloroaniline	0.354	0.367		3.672	
Hexachlorobutadiene	0.184	0.188		2.174	20.0
Caprolactam	0.109	0.110		0.917	
4-Chloro-3-methylphenol	0.325	0.320		-1.538	20.0
2-Methylnaphthalene	0.734	0.708		-3.542	
Hexachlorocyclopentadiene	0.166	0.176	0.050	6.024	
2,4,6-Trichlorophenol	0.346	0.363		4.913	20.0
2-Fluorobiphenyl	1.181	1.206		2.117	
2,4,5-Trichlorophenol	0.396	0.409		3.283	
1,1-Biphenyl	1.370	1.373		0.219	

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Lab File ID: BE101453.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.083	1.082		-0.092	
2-Nitroaniline	0.291	0.312		7.216	
Dimethylphthalate	1.412	1.388		-1.7	
Acenaphthylene	1.601	1.623		1.374	
2,6-Dinitrotoluene	0.326	0.329		0.92	
3-Nitroaniline	0.324	0.338		4.321	
Acenaphthene	1.045	1.019		-2.488	20.0
2,4-Dinitrophenol	0.198	0.202	0.050	2.02	
4-Nitrophenol	0.297	0.287	0.050	-3.367	
Dibenzofuran	1.666	1.629		-2.221	
2,4-Dinitrotoluene	0.449	0.464		3.341	
Diethylphthalate	1.477	1.453		-1.625	
4-Chlorophenyl-phenylether	0.692	0.673		-2.746	
Fluorene	1.394	1.357		-2.654	
4-Nitroaniline	0.361	0.363		0.554	
4,6-Dinitro-2-methylphenol	0.118	0.126		6.78	
n-Nitrosodiphenylamine	0.530	0.534		0.755	20.0
Azobenzene	1.269	1.228		-3.231	
2,4,6-Tribromophenol	0.351	0.356		1.425	
4-Bromophenyl-phenylether	0.210	0.215		2.381	
Hexachlorobenzene	0.276	0.283		2.536	
Atrazine	0.163	0.168		3.067	
Pentachlorophenol	0.159	0.167		5.031	20.0
Phenanthrene	0.958	0.959		0.104	
Anthracene	0.935	0.954		2.032	
Carbazole	0.957	0.955		-0.209	
Di-n-butylphthalate	1.053	1.162		10.351	
Fluoranthene	1.163	1.186		1.978	20.0
Benzidine	0.254	0.305		20.079	
Pyrene	1.100	1.154		4.909	
Terphenyl-d14	0.869	0.859		-1.151	
Butylbenzylphthalate	0.482	0.516		7.054	
3,3-Dichlorobenzidine	0.440	0.461		4.773	
Benzo(a)anthracene	1.124	1.162		3.381	
Chrysene	1.087	1.095		0.736	
Bis(2-ethylhexyl)phthalate	0.641	0.746		16.381	
Di-n-octyl phthalate	1.051	1.236		17.602	20.0
Benzo(b)fluoranthene	1.042	1.060		1.727	
Benzo(k)fluoranthene	0.974	0.991		1.745	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE110424 SAS No.: BE110424 SDG No.: BE110424

Instrument ID: BNA_E Calibration Date/Time: 11/4/2024 1:12:49

Lab File ID: BE101453.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.912	0.933		2.303	20.0
Indeno(1,2,3-cd)pyrene	1.338	1.355		1.271	
Dibenzo(a,h)anthracene	1.106	1.127		1.899	
Benzo(g,h,i)perylene	1.140	1.151		0.965	
1,2,4,5-Tetrachlorobenzene	0.502	0.515		2.59	
1,4-Dioxane	0.426	0.408		-4.225	20.0
2,3,4,6-Tetrachlorophenol	0.366	0.365		-0.273	
1-Methylnaphthalene	0.733	0.705		-3.82	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BL	SDG No.:	BE110424
Lab Sample ID:	PB164593BL	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
BE101454.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BL	SDG No.:	BE110424
Lab Sample ID:	PB164593BL	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
BE101454.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BL	SDG No.:	BE110424
Lab Sample ID:	PB164593BL	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
BE101454.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.548		18-112		84	SPK: -150
13127-88-3	Phenol-d6	111.822		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	81.009		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	86.319		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BL	SDG No.:	BE110424
Lab Sample ID:	PB164593BL	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
BE101454.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.173		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	80.071		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83697	7.573				
1146-65-2	Naphthalene-d8	332383	10.341				
15067-26-2	Acenaphthene-d10	209474	14.177				
1517-22-2	Phenanthrene-d10	478774	16.915				
1719-03-5	Chrysene-d12	637683	21.075				
1520-96-3	Perylene-d12	926419	23.372				

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BS	SDG No.:	BE110424
Lab Sample ID:	PB164593BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101455.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	360		180	270	330	ug/Kg
62-53-3	Aniline	2000		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1600		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1500		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	760		240	270	330	ug/Kg
91-20-3	Naphthalene	1600		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1200		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1700		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BS	SDG No.:	BE110424
Lab Sample ID:	PB164593BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101455.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	27900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BS	SDG No.:	BE110424
Lab Sample ID:	PB164593BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101455.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1800		83.9	130	170	ug/Kg
120-12-7	Anthracene	1900		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.6	130	170	ug/Kg
92-87-5	Benzidine	3400	E	160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1800		80.6	130	170	ug/Kg
218-01-9	Chrysene	1800		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	157.804		18-112		105	SPK: -150
13127-88-3	Phenol-d6	143.063		15-107		95	SPK: -150
4165-60-0	Nitrobenzene-d5	100.531		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	107.645		20-109		108	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	PB164593BS	SDG No.:	BE110424
Lab Sample ID:	PB164593BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101455.D	1	11/1/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164593

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.96		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	99.208		10-105		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76985	7.571				
1146-65-2	Naphthalene-d8	325431	10.338				
15067-26-2	Acenaphthene-d10	205486	14.18				
1517-22-2	Phenanthrene-d10	423694	16.918				
1719-03-5	Chrysene-d12	509474	21.084				
1520-96-3	Perylene-d12	767672	23.375				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-7	SDG No.:	BE110424
Lab Sample ID:	P4667-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101456.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.5	U	58.5	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.3	U	65.3	87.6	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.4	U	56.4	87.6	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57	U	57	87.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.3	U	58.3	87.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.9	U	55.9	180	220	ug/Kg
95-48-7	2-Methylphenol	54.3	U	54.3	87.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.6	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	53.9	53.9	ug/Kg
67-72-1	Hexachloroethane	55.9	U	55.9	87.6	110	ug/Kg
98-95-3	Nitrobenzene	61.2	U	61.2	87.6	110	ug/Kg
78-59-1	Isophorone	57	U	57	87.6	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.8	U	62.8	87.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.8	U	57.8	87.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.6	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.1	U	56.1	87.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-7	SDG No.:	BE110424
Lab Sample ID:	P4667-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101456.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.5	U	58.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.2	U	52.2	87.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.6	U	55.6	87.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.1	U	48.1	87.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.9	U	58.9	87.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.1	U	56.1	87.6	110	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	87.6	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.6	110	ug/Kg
208-96-8	Acenaphthylene	58.3	U	58.3	87.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.6	110	ug/Kg
99-09-2	3-Nitroaniline	60.1	U	60.1	87.6	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.6	110	ug/Kg
Total PAH	Total PAH	893.2	U	893.2	87.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.2	U	78.2	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.1	U	58.1	87.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.2	U	114.2	87.6	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.6	110	ug/Kg
86-73-7	Fluorene	57.6	U	57.6	87.6	110	ug/Kg
100-01-6	4-Nitroaniline	72.1	U	72.1	87.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.8	U	78.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.6	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.6	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.6	110	ug/Kg
1912-24-9	Atrazine	61.6	U	61.6	87.6	110	ug/Kg

Report of Analysis

Client:			Date Collected:	10/31/2024 12:00:00 AM	
Project:			Date Received:	10/31/2024 12:00:00 AM	
Client Sample ID:	BP-F-7		SDG No.:	BE110424	
Lab Sample ID:	P4667-13		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	11	
Sample Wt/Vol:	50.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:		
Extraction Type :		Decanted :	Level :	LOW	
Injection Volume :		GPC Factor :	GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101456.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.6	U	56.6	87.6	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.6	110	ug/Kg
86-74-8	Carbazole	54.1	U	54.1	87.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.8	U	56.8	87.6	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.9	U	55.9	87.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.2	U	65.2	87.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.4	U	66.4	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	87.6	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	87.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.3	U	61.3	87.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.1	U	74.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	87.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.7	U	62.7	87.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.6	U	52.6	87.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.7	U	54.7	87.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	87.6	110	ug/Kg
123-91-1	1,4-Dioxane	74.1	U	74.1	87.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.039		18-112		59	SPK: -150
13127-88-3	Phenol-d6	85.886		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	52.066		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	51.202		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-7	SDG No.:	BE110424
Lab Sample ID:	P4667-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101456.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	109.915		10-116		73	SPK: -150
1718-51-0	Terphenyl-d14	58.98		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69473	7.571				
1146-65-2	Naphthalene-d8	285452	10.338				
15067-26-2	Acenaphthene-d10	179101	14.181				
1517-22-2	Phenanthrene-d10	406151	16.919				
1719-03-5	Chrysene-d12	524140	21.079				
1520-96-3	Perylene-d12	755529	23.37				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.876	
000119-61-9	Benzophenone	110	J			15.55	
000057-11-4	Octadecanoic acid	6800	J			16.214	
000057-10-3	n-Hexadecanoic acid	1800	J			17.782	
013674-87-8	Tris(1,3-dichloroisopropyl)phospha	360	J			18.294	
000629-54-9	Hexadecanamide	450	J			18.711	
001002-84-2	Pentadecanoic acid	830	J			19.04	
1000377-93-5	Phthalic acid, di(2-propylpentyl)	710	J			19.792	
000629-94-7	Heneicosane	350	J			20.056	
013475-75-7	Pentadecane, 8-hexyl-	500	J			20.656	
007225-64-1	Heptadecane, 9-octyl-	680	J			21.196	
1000356-91-5	Phthalic acid, decyl 2-methylpent-	170	J			21.425	
054833-23-7	Eicosane, 10-methyl-	890	J			21.725	
000112-84-5	13-Docosenamide, (Z)-	100	J			21.995	
001560-98-1	Octacosane, 2-methyl-	660	J			22.301	
055320-06-4	Heneicosane, 11-decyl-	710	J			22.941	
055373-86-9	Docosane, 7-hexyl-	600	J			23.664	
013475-76-8	Docosane, 11-butyl-	510	J			24.469	
013475-77-9	Eicosane, 9-octyl-	350	J			25.421	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-7	SDG No.:	BE110424
Lab Sample ID:	P4667-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101456.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F25	SDG No.:	BE110424
Lab Sample ID:	P4680-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101457.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.5	U	58.5	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.3	U	58.3	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.2	U	61.2	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F25	SDG No.:	BE110424
Lab Sample ID:	P4680-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101457.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.5	U	58.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.6	U	55.6	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	58.9	U	58.9	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.3	U	58.3	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	893.7	U	893.7	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.2	U	78.2	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.1	U	58.1	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.2	U	114.2	87.7	220	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.9	U	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.7	110	ug/Kg
1912-24-9	Atrazine	61.6	U	61.6	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F25	SDG No.:	BE110424
Lab Sample ID:	P4680-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101457.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.7	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56	U	56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	87.7	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.7	U	62.7	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	U	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.627		18-112		68	SPK: -150
13127-88-3	Phenol-d6	93.779		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	63.025		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	64.773		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F25	SDG No.:	BE110424
Lab Sample ID:	P4680-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101457.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	107.652		10-116		72	SPK: -150
1718-51-0	Terphenyl-d14	68.714		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76632	7.569				
1146-65-2	Naphthalene-d8	312924	10.337				
15067-26-2	Acenaphthene-d10	202325	14.179				
1517-22-2	Phenanthrene-d10	466049	16.917				
1719-03-5	Chrysene-d12	582784	21.077				
1520-96-3	Perylene-d12	806913	23.369				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.881	
000119-61-9	Benzophenone	87.9	J			15.548	

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F26	SDG No.:	BE110424
Lab Sample ID:	P4680-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101458.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.9	U	57.9	180	220	ug/Kg
110-86-1	Pyridine	53.3	U	53.3	86.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.7	U	64.7	86.8	110	ug/Kg
108-95-2	Phenol	55.3	U	55.3	86.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.9	U	55.9	86.8	110	ug/Kg
95-57-8	2-Chlorophenol	55.7	U	55.7	86.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.5	U	56.5	86.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.4	U	57.4	86.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	86.8	110	ug/Kg
100-51-6	Benzyl Alcohol	55.4	U	55.4	180	220	ug/Kg
95-48-7	2-Methylphenol	53.8	U	53.8	86.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.7	U	60.7	86.8	110	ug/Kg
98-86-2	Acetophenone	58	U	58	86.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.3	U	53.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.9	U	26.9	53.4	53.4	ug/Kg
67-72-1	Hexachloroethane	55.4	U	55.4	86.8	110	ug/Kg
98-95-3	Nitrobenzene	60.6	U	60.6	86.8	110	ug/Kg
78-59-1	Isophorone	56.5	U	56.5	86.8	110	ug/Kg
88-75-5	2-Nitrophenol	63.1	U	63.1	86.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.2	U	62.2	86.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.3	U	57.3	86.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.4	U	50.4	86.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57	U	57	86.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.1	U	55.1	86.8	110	ug/Kg
106-47-8	4-Chloroaniline	55.1	U	55.1	86.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.6	U	55.6	86.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F26	SDG No.:	BE110424
Lab Sample ID:	P4680-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101458.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.9	U	57.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.7	U	51.7	86.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.1	U	55.1	86.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.7	U	47.7	86.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.4	U	49.4	86.8	110	ug/Kg
92-52-4	1,1-Biphenyl	58.3	U	58.3	86.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.6	U	55.6	86.8	110	ug/Kg
88-74-4	2-Nitroaniline	63.4	U	63.4	86.8	110	ug/Kg
131-11-3	Dimethylphthalate	54.5	U	54.5	86.8	110	ug/Kg
208-96-8	Acenaphthylene	57.7	U	57.7	86.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.5	U	55.5	86.8	110	ug/Kg
99-09-2	3-Nitroaniline	59.6	U	59.6	86.8	110	ug/Kg
83-32-9	Acenaphthene	54.1	U	54.1	86.8	110	ug/Kg
Total PAH	Total PAH	884.4	U	884.4	86.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.4	U	77.4	180	220	ug/Kg
132-64-9	Dibenzofuran	56.3	U	56.3	86.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113	U	113	86.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	86.8	110	ug/Kg
84-66-2	Diethylphthalate	53.5	U	53.5	86.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.1	U	57.1	86.8	110	ug/Kg
86-73-7	Fluorene	57.1	U	57.1	86.8	110	ug/Kg
100-01-6	4-Nitroaniline	71.4	U	71.4	86.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.1	U	78.1	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.5	U	54.5	86.8	110	ug/Kg
103-33-3	Azobenzene	53.1	U	53.1	86.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.7	U	52.7	86.8	110	ug/Kg
118-74-1	Hexachlorobenzene	56.7	U	56.7	86.8	110	ug/Kg
1912-24-9	Atrazine	61	U	61	86.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F26	SDG No.:	BE110424
Lab Sample ID:	P4680-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101458.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.6	U	51.6	180	220	ug/Kg
85-01-8	Phenanthrene	56.1	U	56.1	86.8	110	ug/Kg
120-12-7	Anthracene	56.3	U	56.3	86.8	110	ug/Kg
86-74-8	Carbazole	53.6	U	53.6	86.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.3	U	56.3	86.8	110	ug/Kg
206-44-0	Fluoranthene	54.5	U	54.5	86.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.4	U	55.4	86.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.6	U	64.6	86.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.8	U	65.8	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.9	U	53.9	86.8	110	ug/Kg
218-01-9	Chrysene	53.1	U	53.1	86.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.8	U	60.8	86.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.4	U	73.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.1	U	54.1	86.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.1	U	55.1	86.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.1	U	62.1	86.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.1	U	52.1	86.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.2	U	54.2	86.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.5	U	53.5	86.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.9	U	57.9	86.8	110	ug/Kg
123-91-1	1,4-Dioxane	73.4	U	73.4	86.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.9	U	49.9	86.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.5	U	55.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.443		18-112		62	SPK: -150
13127-88-3	Phenol-d6	96.317		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	56.387		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	64.895		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F26	SDG No.:	BE110424
Lab Sample ID:	P4680-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101458.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.302		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	71.388		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59506	7.569				
1146-65-2	Naphthalene-d8	247180	10.337				
15067-26-2	Acenaphthene-d10	157650	14.179				
1517-22-2	Phenanthrene-d10	365207	16.917				
1719-03-5	Chrysene-d12	482135	21.077				
1520-96-3	Perylene-d12	685387	23.369				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	800	J			2.875	
000119-61-9	Benzophenone	150	J			15.548	
000301-02-0	9-Octadecenamide, (Z)-	57	J			21.988	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BE110424
Lab Sample ID:	P4675-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BE101459.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	330	400	ug/Kg
110-86-1	Pyridine	96.3	U	96.3	160	200	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	200	ug/Kg
108-95-2	Phenol	99.9	U	99.9	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	97.2	U	97.2	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	96.2	U	96.2	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	48.6	U	48.6	96.4	96.4	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	200	ug/Kg
78-59-1	Isophorone	100	U	100	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	91	U	91	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	200	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	99.6	U	99.6	160	200	ug/Kg
106-47-8	4-Chloroaniline	99.6	U	99.6	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BE110424
Lab Sample ID:	P4675-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BE101459.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.4	U	93.4	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	99.5	U	99.5	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.1	U	86.1	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89.2	U	89.2	160	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	160	200	ug/Kg
131-11-3	Dimethylphthalate	98.5	U	98.5	160	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	97.8	U	97.8	160	200	ug/Kg
Total PAH	Total PAH	1585	U	1585	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	200	ug/Kg
84-66-2	Diethylphthalate	96.6	U	96.6	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	98.4	U	98.4	160	200	ug/Kg
103-33-3	Azobenzene	96	U	96	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	95.1	U	95.1	160	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BE110424
Lab Sample ID:	P4675-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BE101459.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.2	U	93.2	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	200	ug/Kg
120-12-7	Anthracene	100	U	100	160	200	ug/Kg
86-74-8	Carbazole	96.8	U	96.8	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	200	ug/Kg
206-44-0	Fluoranthene	98.5	U	98.5	160	200	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	97.3	U	97.3	160	200	ug/Kg
218-01-9	Chrysene	95.8	U	95.8	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	97.8	U	97.8	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.6	U	99.6	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94.1	U	94.1	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	97.9	U	97.9	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96.6	U	96.6	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	160	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90	U	90	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.199		18-112		84	SPK: -150
13127-88-3	Phenol-d6	119.325		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	80.645		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	88.361		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4	SDG No.:	BE110424
Lab Sample ID:	P4675-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
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
BE101459.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.482		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	83.81		10-105		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61796	7.569				
1146-65-2	Naphthalene-d8	248097	10.337				
15067-26-2	Acenaphthene-d10	157598	14.179				
1517-22-2	Phenanthrene-d10	362960	16.917				
1719-03-5	Chrysene-d12	488975	21.077				
1520-96-3	Perylene-d12	682027	23.363				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.875	
000119-61-9	Benzophenone	530	J			15.548	
000301-02-0	9-Octadecenamide, (Z)-	900	J			20.149	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MS	SDG No.:	BE110424
Lab Sample ID:	P4675-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101460.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2200		100	320	400	ug/Kg
110-86-1	Pyridine	1900		96.1	160	200	ug/Kg
100-52-7	Benzaldehyde	440		220	320	400	ug/Kg
62-53-3	Aniline	2100		120	160	200	ug/Kg
108-95-2	Phenol	2100		99.7	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		100	160	200	ug/Kg
95-57-8	2-Chlorophenol	2000		100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	1900		99.8	320	400	ug/Kg
95-48-7	2-Methylphenol	1900		96.9	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		110	160	200	ug/Kg
98-86-2	Acetophenone	2000		100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	1800		96	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		48.5	96.2	96.2	ug/Kg
67-72-1	Hexachloroethane	2000		99.8	160	200	ug/Kg
98-95-3	Nitrobenzene	2000		110	160	200	ug/Kg
78-59-1	Isophorone	1900		100	160	200	ug/Kg
88-75-5	2-Nitrophenol	2200		110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		90.8	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		100	160	200	ug/Kg
65-85-0	Benzoic acid	1300		290	320	400	ug/Kg
91-20-3	Naphthalene	2000		99.3	160	200	ug/Kg
106-47-8	4-Chloroaniline	1000		99.3	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	2000		100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MS	SDG No.:	BE110424
Lab Sample ID:	P4675-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101460.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		93.2	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	1900		99.2	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7400	E	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		85.9	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		89	160	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	2100		100	160	200	ug/Kg
88-74-4	2-Nitroaniline	2300		110	160	200	ug/Kg
131-11-3	Dimethylphthalate	2000		98.3	160	200	ug/Kg
208-96-8	Acenaphthylene	2300		100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		100	160	200	ug/Kg
99-09-2	3-Nitroaniline	1400		110	160	200	ug/Kg
83-32-9	Acenaphthene	2100		97.5	160	200	ug/Kg
Total PAH	Total PAH	34600		1582.3	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	E	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	4800	E	140	320	400	ug/Kg
132-64-9	Dibenzofuran	2100		100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4100		200	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		100	160	200	ug/Kg
84-66-2	Diethylphthalate	2000		96.3	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		100	160	200	ug/Kg
86-73-7	Fluorene	2100		100	160	200	ug/Kg
100-01-6	4-Nitroaniline	2200		130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300		140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		98.1	160	200	ug/Kg
103-33-3	Azobenzene	2000		95.7	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		94.9	160	200	ug/Kg
118-74-1	Hexachlorobenzene	2000		100	160	200	ug/Kg
1912-24-9	Atrazine	2600		110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MS	SDG No.:	BE110424
Lab Sample ID:	P4675-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101460.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4900	E	93	320	400	ug/Kg
85-01-8	Phenanthrene	2200		100	160	200	ug/Kg
120-12-7	Anthracene	2300		100	160	200	ug/Kg
86-74-8	Carbazole	2300		96.6	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	2300		100	160	200	ug/Kg
206-44-0	Fluoranthene	2500		98.3	160	200	ug/Kg
92-87-5	Benzidine	4000	E	200	320	400	ug/Kg
129-00-0	Pyrene	1800		99.8	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	2000		120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	2200		97.1	160	200	ug/Kg
218-01-9	Chrysene	2200		95.6	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		97.5	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		99.3	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	2300		110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		93.9	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		97.7	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		96.3	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		100	160	200	ug/Kg
123-91-1	1,4-Dioxane	2100		130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		89.8	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	1800		100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.831		18-112		77	SPK: -150
13127-88-3	Phenol-d6	108.763		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	72.519		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	79.33		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MS	SDG No.:	BE110424
Lab Sample ID:	P4675-04MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101460.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.343		10-116		81	SPK: -150
1718-51-0	Terphenyl-d14	68.387		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55119	7.57				
1146-65-2	Naphthalene-d8	225817	10.337				
15067-26-2	Acenaphthene-d10	137542	14.18				
1517-22-2	Phenanthrene-d10	319377	16.918				
1719-03-5	Chrysene-d12	506438	21.078				
1520-96-3	Perylene-d12	716658	23.369				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MSD	SDG No.:	BE110424
Lab Sample ID:	P4675-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101461.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2200		100	320	400	ug/Kg
110-86-1	Pyridine	1900		96.2	160	200	ug/Kg
100-52-7	Benzaldehyde	440		220	320	400	ug/Kg
62-53-3	Aniline	2100		120	160	200	ug/Kg
108-95-2	Phenol	2100		99.8	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		100	160	200	ug/Kg
95-57-8	2-Chlorophenol	2000		100	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		100	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		100	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		100	160	200	ug/Kg
100-51-6	Benzyl Alcohol	1900		99.9	320	400	ug/Kg
95-48-7	2-Methylphenol	1800		97	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		110	160	200	ug/Kg
98-86-2	Acetophenone	2000		100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	1800		96	320	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		48.5	96.3	96.3	ug/Kg
67-72-1	Hexachloroethane	2000		99.9	160	200	ug/Kg
98-95-3	Nitrobenzene	2000		110	160	200	ug/Kg
78-59-1	Isophorone	1900		100	160	200	ug/Kg
88-75-5	2-Nitrophenol	2200		110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		110	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		100	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		90.9	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		100	160	200	ug/Kg
65-85-0	Benzoic acid	1300		290	320	400	ug/Kg
91-20-3	Naphthalene	2000		99.4	160	200	ug/Kg
106-47-8	4-Chloroaniline	1100		99.4	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	2100		100	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MSD	SDG No.:	BE110424
Lab Sample ID:	P4675-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101461.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		100	320	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		93.3	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	1900		99.3	160	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7600	E	190	320	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		85.9	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		89.1	160	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	2100		100	160	200	ug/Kg
88-74-4	2-Nitroaniline	2200		110	160	200	ug/Kg
131-11-3	Dimethylphthalate	2000		98.3	160	200	ug/Kg
208-96-8	Acenaphthylene	2300		100	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		100	160	200	ug/Kg
99-09-2	3-Nitroaniline	1300		110	160	200	ug/Kg
83-32-9	Acenaphthene	2100		97.6	160	200	ug/Kg
Total PAH	Total PAH	34300		1583.1	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	290	320	400	ug/Kg
100-02-7	4-Nitrophenol	4400	E	140	320	400	ug/Kg
132-64-9	Dibenzofuran	2000		100	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		200	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		100	160	200	ug/Kg
84-66-2	Diethylphthalate	1900		96.4	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900		100	160	200	ug/Kg
86-73-7	Fluorene	2000		100	160	200	ug/Kg
100-01-6	4-Nitroaniline	1900		130	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		140	320	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		98.2	160	200	ug/Kg
103-33-3	Azobenzene	2000		95.8	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		95	160	200	ug/Kg
118-74-1	Hexachlorobenzene	2100		100	160	200	ug/Kg
1912-24-9	Atrazine	2600		110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MSD	SDG No.:	BE110424
Lab Sample ID:	P4675-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101461.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	4800	E	93	320	400	ug/Kg
85-01-8	Phenanthrene	2200		100	160	200	ug/Kg
120-12-7	Anthracene	2300		100	160	200	ug/Kg
86-74-8	Carbazole	2200		96.6	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	2200		100	160	200	ug/Kg
206-44-0	Fluoranthene	2300		98.3	160	200	ug/Kg
92-87-5	Benzidine	4100	E	200	320	400	ug/Kg
129-00-0	Pyrene	1900		99.9	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	2000		120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		120	320	400	ug/Kg
56-55-3	Benzo(a)anthracene	2200		97.1	160	200	ug/Kg
218-01-9	Chrysene	2200		95.7	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		110	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		130	320	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		97.6	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2100		99.4	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	2300		110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		94	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200		97.7	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		96.4	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		100	160	200	ug/Kg
123-91-1	1,4-Dioxane	2100		130	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		89.9	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	1800		100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.314		18-112		76	SPK: -150
13127-88-3	Phenol-d6	108.19		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	73.248		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	79.842		20-109		80	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-4MSD	SDG No.:	BE110424
Lab Sample ID:	P4675-04MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.1
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101461.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.373		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	71.996		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62622	7.569				
1146-65-2	Naphthalene-d8	255715	10.337				
15067-26-2	Acenaphthene-d10	157541	14.179				
1517-22-2	Phenanthrene-d10	337929	16.917				
1719-03-5	Chrysene-d12	477689	21.077				
1520-96-3	Perylene-d12	708395	23.369				

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BE110424
Lab Sample ID:	P4675-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101462.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.5	U	97.5	300	370	ug/Kg
110-86-1	Pyridine	89.7	U	89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.1	U	93.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94	U	94	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.8	U	93.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95	U	95	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.2	U	97.2	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.2	U	93.2	300	370	ug/Kg
95-48-7	2-Methylphenol	90.5	U	90.5	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.6	U	97.6	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.6	U	89.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.3	U	45.3	89.9	89.9	ug/Kg
67-72-1	Hexachloroethane	93.2	U	93.2	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95	U	95	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.4	U	96.4	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.8	U	84.8	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.9	U	95.9	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.8	U	92.8	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.8	U	92.8	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.6	U	93.6	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BE110424
Lab Sample ID:	P4675-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101462.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.5	U	97.5	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87	U	87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.7	U	92.7	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.2	U	80.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.1	U	83.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.2	U	98.2	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.6	U	93.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.8	U	91.8	150	190	ug/Kg
208-96-8	Acenaphthylene	97.2	U	97.2	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.4	U	93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.1	U	91.1	150	190	ug/Kg
Total PAH	Total PAH	1483.9	U	1483.9	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.8	U	94.8	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.8	U	96.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.2	U	190.2	150	380	ug/Kg
84-66-2	Diethylphthalate	90	U	90	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.1	U	96.1	150	190	ug/Kg
86-73-7	Fluorene	96	U	96	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.6	U	91.6	150	190	ug/Kg
103-33-3	Azobenzene	89.4	U	89.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.6	U	88.6	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.5	U	95.5	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BE110424
Lab Sample ID:	P4675-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101462.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.8	U	86.8	300	370	ug/Kg
85-01-8	Phenanthrene	94.3	U	94.3	150	190	ug/Kg
120-12-7	Anthracene	94.8	U	94.8	150	190	ug/Kg
86-74-8	Carbazole	90.2	U	90.2	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.7	U	94.7	150	190	ug/Kg
206-44-0	Fluoranthene	91.8	U	91.8	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	93.2	U	93.2	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.6	U	90.6	150	190	ug/Kg
218-01-9	Chrysene	89.3	U	89.3	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.1	U	91.1	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.8	U	92.8	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.7	U	87.7	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.2	U	91.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90	U	90	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.5	U	97.5	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.9	U	83.9	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.4	U	93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	101.779		18-112		68	SPK: -150
13127-88-3	Phenol-d6	95.013		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	63.282		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	66.941		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-3	SDG No.:	BE110424
Lab Sample ID:	P4675-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101462.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.551		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	66.366		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61218	7.57				
1146-65-2	Naphthalene-d8	261412	10.338				
15067-26-2	Acenaphthene-d10	173354	14.18				
1517-22-2	Phenanthrene-d10	407280	16.912				
1719-03-5	Chrysene-d12	534040	21.072				
1520-96-3	Perylene-d12	731364	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.87	
000119-61-9	Benzophenone	140	J			15.549	
000301-02-0	9-Octadecenamide, (Z)-	1100	J			20.15	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BE110424
Lab Sample ID:	P4675-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.1
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
BE101463.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.7	U	51.7	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.9	U	96.9	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BE110424
Lab Sample ID:	P4675-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.1
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
BE101463.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.5	U	99.5	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.6	U	91.6	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95	U	95	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1690	U	1690	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:			Date Collected:	10/31/2024 12:00:00 AM	
Project:			Date Received:	10/31/2024 12:00:00 AM	
Client Sample ID:	COMP-1		SDG No.:	BE110424	
Lab Sample ID:	P4675-01		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	22.1	
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
BE101463.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.2	U	99.2	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.9	U	95.9	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.918		18-112		61	SPK: -150
13127-88-3	Phenol-d6	90.442		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	57.485		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	62.756		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BE110424
Lab Sample ID:	P4675-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.1
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
BE101463.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.789		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	67.048		10-105		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57409	7.57				
1146-65-2	Naphthalene-d8	246070	10.338				
15067-26-2	Acenaphthene-d10	168001	14.18				
1517-22-2	Phenanthrene-d10	408296	16.912				
1719-03-5	Chrysene-d12	504276	21.072				
1520-96-3	Perylene-d12	686079	23.364				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.87	
000119-61-9	Benzophenone	140	J			15.549	
000301-02-0	9-Octadecenamide, (Z)-	1100	J			20.15	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BE110424
Lab Sample ID:	P4675-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101464.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	93.1	U	93.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.6	U	96.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.5	U	97.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	97.3	U	97.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.6	U	98.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.7	U	96.7	310	380	ug/Kg
95-48-7	2-Methylphenol	93.9	U	93.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93	U	93	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.9	U	46.9	93.2	93.2	ug/Kg
67-72-1	Hexachloroethane	96.7	U	96.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.6	U	98.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88	U	88	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99.5	U	99.5	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	310	380	ug/Kg
91-20-3	Naphthalene	96.2	U	96.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	96.2	U	96.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97	U	97	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BE110424
Lab Sample ID:	P4675-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101464.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90.3	U	90.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	96.1	U	96.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.2	U	83.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	86.2	U	86.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97	U	97	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	95.2	U	95.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.9	U	96.9	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94.5	U	94.5	150	200	ug/Kg
Total PAH	Total PAH	1544.6	U	1544.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	310	380	ug/Kg
132-64-9	Dibenzofuran	98.3	U	98.3	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.9	U	196.9	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
84-66-2	Diethylphthalate	93.3	U	93.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.7	U	99.7	150	200	ug/Kg
86-73-7	Fluorene	99.6	U	99.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	95.1	U	95.1	150	200	ug/Kg
103-33-3	Azobenzene	92.7	U	92.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.9	U	91.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	99	U	99	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:				Date Collected:	10/31/2024 12:00:00 AM		
Project:				Date Received:	10/31/2024 12:00:00 AM		
Client Sample ID:	COMP-2			SDG No.:	BE110424		
Lab Sample ID:	P4675-02			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	14.3		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101464.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90	U	90	310	380	ug/Kg
85-01-8	Phenanthrene	140	J	97.9	150	200	ug/Kg
120-12-7	Anthracene	98.3	U	98.3	150	200	ug/Kg
86-74-8	Carbazole	93.5	U	93.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	98.2	U	98.2	150	200	ug/Kg
206-44-0	Fluoranthene	260		95.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	160	J	96.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	94	150	200	ug/Kg
218-01-9	Chrysene	100	J	92.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.5	U	94.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.2	U	96.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	91	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.6	U	94.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93.3	U	93.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.9	U	96.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.503		18-112		62	SPK: -150
13127-88-3	Phenol-d6	85.413		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	57.244		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	61.891		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-2	SDG No.:	BE110424
Lab Sample ID:	P4675-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101464.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	95.08		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	58.792		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48630	7.566				
1146-65-2	Naphthalene-d8	202752	10.334				
15067-26-2	Acenaphthene-d10	127678	14.176				
1517-22-2	Phenanthrene-d10	305050	16.914				
1719-03-5	Chrysene-d12	475416	21.074				
1520-96-3	Perylene-d12	662069	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.872	
000119-61-9	Benzophenone	160	J			15.545	
000301-02-0	9-Octadecenamide, (Z)-	1200	J			20.146	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BE110424
Lab Sample ID:	P4675-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101465.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.2	U	97.2	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98	U	98	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.1	U	97.1	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49	U	49	97.3	97.3	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	91.8	U	91.8	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BE110424
Lab Sample ID:	P4675-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101465.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.3	U	94.3	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.9	U	86.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90	U	90	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.4	U	99.4	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	98.7	U	98.7	160	210	ug/Kg
Total PAH	Total PAH	1602.9	U	1602.9	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	200	U	200	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	210	ug/Kg
84-66-2	Diethylphthalate	97.4	U	97.4	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.3	U	99.3	160	210	ug/Kg
103-33-3	Azobenzene	96.8	U	96.8	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96	U	96	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BE110424
Lab Sample ID:	P4675-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101465.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94	U	94	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	97.7	U	97.7	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99.4	U	99.4	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.2	U	98.2	160	210	ug/Kg
218-01-9	Chrysene	96.7	U	96.7	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	98.7	U	98.7	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	U	95	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98.8	U	98.8	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.4	U	97.4	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.9	U	90.9	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.132		18-112		67	SPK: -150
13127-88-3	Phenol-d6	96.816		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	62.9		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	69.525		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BE110424
Lab Sample ID:	P4675-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.9
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101465.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	105.95		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	66.002		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53466	7.57				
1146-65-2	Naphthalene-d8	221932	10.337				
15067-26-2	Acenaphthene-d10	143072	14.18				
1517-22-2	Phenanthrene-d10	331097	16.918				
1719-03-5	Chrysene-d12	474755	21.072				
1520-96-3	Perylene-d12	655789	23.363				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.876	
000119-61-9	Benzophenone	130	J			15.549	
000301-02-0	9-Octadecenamide, (Z)-	820	J			20.149	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-6	SDG No.:	BE110424
Lab Sample ID:	P4675-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.06	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
BE101466.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	410	ug/Kg
110-86-1	Pyridine	98.1	U	98.1	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	410	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	410	ug/Kg
95-48-7	2-Methylphenol	98.9	U	98.9	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	98	U	98	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.5	U	49.5	98.2	98.2	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.7	U	92.7	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	410	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-6	SDG No.:	BE110424
Lab Sample ID:	P4675-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.06	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
BE101466.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.1	U	95.1	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.6	U	87.6	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.8	U	90.8	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.6	U	99.6	160	210	ug/Kg
Total PAH	Total PAH	1609.8	U	1609.8	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	98.3	U	98.3	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	97.7	U	97.7	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.9	U	96.9	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-6	SDG No.:	BE110424
Lab Sample ID:	P4675-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.06	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
BE101466.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.9	U	94.9	330	410	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.6	U	98.6	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	100	U	100	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	410	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	99.1	U	99.1	160	210	ug/Kg
218-01-9	Chrysene	97.6	U	97.6	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.6	U	99.6	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.9	U	95.9	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.7	U	99.7	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98.3	U	98.3	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.7	U	91.7	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.435		18-112		72	SPK: -150
13127-88-3	Phenol-d6	101.02		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	66.885		18-107		67	SPK: -100
321-60-8	2-Fluorobiphenyl	70.129		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	COMP-6	SDG No.:	BE110424
Lab Sample ID:	P4675-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.7
Sample Wt/Vol:	30.06	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
BE101466.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.885		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	70.942		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51986	7.57				
1146-65-2	Naphthalene-d8	218976	10.337				
15067-26-2	Acenaphthene-d10	149142	14.18				
1517-22-2	Phenanthrene-d10	383193	16.912				
1719-03-5	Chrysene-d12	519087	21.077				
1520-96-3	Perylene-d12	689221	23.363				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.869	
000119-61-9	Benzophenone	110	J			15.549	
000301-02-0	9-Octadecenamide, (Z)-	470	J			20.143	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-5	SDG No.:	BE110424
Lab Sample ID:	P4667-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BE101467.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.3	U	58.3	180	220	ug/Kg
110-86-1	Pyridine	53.7	U	53.7	87.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.1	U	65.1	87.3	110	ug/Kg
108-95-2	Phenol	55.7	U	55.7	87.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.2	U	56.2	87.3	110	ug/Kg
95-57-8	2-Chlorophenol	56.1	U	56.1	87.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.8	U	56.8	87.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.7	U	57.7	87.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.1	U	58.1	87.3	110	ug/Kg
100-51-6	Benzyl Alcohol	55.7	U	55.7	180	220	ug/Kg
95-48-7	2-Methylphenol	54.1	U	54.1	87.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	87.3	110	ug/Kg
98-86-2	Acetophenone	58.4	U	58.4	87.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.6	U	53.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.7	53.7	ug/Kg
67-72-1	Hexachloroethane	55.7	U	55.7	87.3	110	ug/Kg
98-95-3	Nitrobenzene	61	U	61	87.3	110	ug/Kg
78-59-1	Isophorone	56.8	U	56.8	87.3	110	ug/Kg
88-75-5	2-Nitrophenol	63.5	U	63.5	87.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.6	U	62.6	87.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.6	U	57.6	87.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	87.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.3	U	57.3	87.3	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	87.3	110	ug/Kg
106-47-8	4-Chloroaniline	55.5	U	55.5	87.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.9	U	55.9	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-5	SDG No.:	BE110424
Lab Sample ID:	P4667-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BE101467.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.3	U	58.3	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	87.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.4	U	55.4	87.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.9	U	47.9	87.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.7	U	49.7	87.3	110	ug/Kg
92-52-4	1,1-Biphenyl	58.7	U	58.7	87.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.9	U	55.9	87.3	110	ug/Kg
88-74-4	2-Nitroaniline	63.8	U	63.8	87.3	110	ug/Kg
131-11-3	Dimethylphthalate	54.9	U	54.9	87.3	110	ug/Kg
208-96-8	Acenaphthylene	58.1	U	58.1	87.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.9	U	55.9	87.3	110	ug/Kg
99-09-2	3-Nitroaniline	59.9	U	59.9	87.3	110	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	87.3	110	ug/Kg
Total PAH	Total PAH	889.9	U	889.9	87.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.9	U	77.9	180	220	ug/Kg
132-64-9	Dibenzofuran	56.7	U	56.7	87.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	13.8	U	113.8	87.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.9	U	57.9	87.3	110	ug/Kg
84-66-2	Diethylphthalate	53.8	U	53.8	87.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.5	U	57.5	87.3	110	ug/Kg
86-73-7	Fluorene	57.4	U	57.4	87.3	110	ug/Kg
100-01-6	4-Nitroaniline	71.8	U	71.8	87.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.6	U	78.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.8	U	54.8	87.3	110	ug/Kg
103-33-3	Azobenzene	53.5	U	53.5	87.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	87.3	110	ug/Kg
118-74-1	Hexachlorobenzene	57.1	U	57.1	87.3	110	ug/Kg
1912-24-9	Atrazine	61.4	U	61.4	87.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-5	SDG No.:	BE110424
Lab Sample ID:	P4667-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BE101467.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.9	U	51.9	180	220	ug/Kg
85-01-8	Phenanthrene	56.4	U	56.4	87.3	110	ug/Kg
120-12-7	Anthracene	56.7	U	56.7	87.3	110	ug/Kg
86-74-8	Carbazole	53.9	U	53.9	87.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.6	U	56.6	87.3	110	ug/Kg
206-44-0	Fluoranthene	54.9	U	54.9	87.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.7	U	55.7	87.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	65	U	65	87.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.2	U	66.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.2	U	54.2	87.3	110	ug/Kg
218-01-9	Chrysene	53.4	U	53.4	87.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.1	U	61.1	87.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.9	U	73.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.5	U	54.5	87.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.5	U	55.5	87.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.4	U	62.4	87.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.4	U	52.4	87.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.5	U	54.5	87.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.8	U	53.8	87.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.3	U	58.3	87.3	110	ug/Kg
123-91-1	1,4-Dioxane	73.9	U	73.9	87.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.2	U	50.2	87.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.9	U	55.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.729		18-112		62	SPK: -150
13127-88-3	Phenol-d6	95.48		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	57.424		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	65.147		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-5	SDG No.:	BE110424
Lab Sample ID:	P4667-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.7
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
BE101467.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.482		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	66.376		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45896	7.566				
1146-65-2	Naphthalene-d8	200551	10.339				
15067-26-2	Acenaphthene-d10	138713	14.176				
1517-22-2	Phenanthrene-d10	366717	16.914				
1719-03-5	Chrysene-d12	491043	21.074				
1520-96-3	Perylene-d12	649223	23.365				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.871	
000119-61-9	Benzophenone	110	J			15.545	
000301-02-0	9-Octadecenamide, (Z)-	130	J			21.984	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BE110424
Lab Sample ID:	P4667-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101468.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.4	U	58.4	180	220	ug/Kg
110-86-1	Pyridine	53.8	U	53.8	87.5	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.2	U	65.2	87.5	110	ug/Kg
108-95-2	Phenol	55.8	U	55.8	87.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.3	U	56.3	87.5	110	ug/Kg
95-57-8	2-Chlorophenol	56.2	U	56.2	87.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.9	U	56.9	87.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	87.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.2	U	58.2	87.5	110	ug/Kg
100-51-6	Benzyl Alcohol	55.8	U	55.8	180	220	ug/Kg
95-48-7	2-Methylphenol	54.2	U	54.2	87.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.2	U	61.2	87.5	110	ug/Kg
98-86-2	Acetophenone	58.5	U	58.5	87.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.7	U	53.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.1	U	27.1	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	55.8	U	55.8	87.5	110	ug/Kg
98-95-3	Nitrobenzene	61.1	U	61.1	87.5	110	ug/Kg
78-59-1	Isophorone	56.9	U	56.9	87.5	110	ug/Kg
88-75-5	2-Nitrophenol	63.6	U	63.6	87.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.7	U	62.7	87.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.7	U	57.7	87.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.8	U	50.8	87.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.5	U	57.5	87.5	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	87.5	110	ug/Kg
106-47-8	4-Chloroaniline	55.6	U	55.6	87.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BE110424
Lab Sample ID:	P4667-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101468.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.4	U	58.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.1	U	52.1	87.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.5	U	55.5	87.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	87.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.8	U	49.8	87.5	110	ug/Kg
92-52-4	1,1-Biphenyl	58.8	U	58.8	87.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	87.5	110	ug/Kg
88-74-4	2-Nitroaniline	63.9	U	63.9	87.5	110	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	87.5	110	ug/Kg
208-96-8	Acenaphthylene	58.2	U	58.2	87.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	87.5	110	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	87.5	110	ug/Kg
83-32-9	Acenaphthene	54.6	U	54.6	87.5	110	ug/Kg
Total PAH	Total PAH	891.7	U	891.7	87.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.1	U	78.1	180	220	ug/Kg
132-64-9	Dibenzofuran	56.8	U	56.8	87.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	114	U	114	87.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	87.5	110	ug/Kg
84-66-2	Diethylphthalate	53.9	U	53.9	87.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.6	U	57.6	87.5	110	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	87.5	110	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	87.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.7	U	78.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.9	U	54.9	87.5	110	ug/Kg
103-33-3	Azobenzene	53.6	U	53.6	87.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.1	U	53.1	87.5	110	ug/Kg
118-74-1	Hexachlorobenzene	57.2	U	57.2	87.5	110	ug/Kg
1912-24-9	Atrazine	61.5	U	61.5	87.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BE110424
Lab Sample ID:	P4667-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101468.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52	U	52	180	220	ug/Kg
85-01-8	Phenanthrene	56.5	U	56.5	87.5	110	ug/Kg
120-12-7	Anthracene	56.8	U	56.8	87.5	110	ug/Kg
86-74-8	Carbazole	54	U	54	87.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.7	U	56.7	87.5	110	ug/Kg
206-44-0	Fluoranthene	55	U	55	87.5	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.8	U	55.8	87.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.1	U	65.1	87.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.3	U	66.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.3	U	54.3	87.5	110	ug/Kg
218-01-9	Chrysene	53.5	U	53.5	87.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.2	U	61.2	87.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74	U	74	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.6	U	54.6	87.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.6	U	55.6	87.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.6	U	62.6	87.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.6	U	52.6	87.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.6	U	54.6	87.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.9	U	53.9	87.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	87.5	110	ug/Kg
123-91-1	1,4-Dioxane	74	U	74	87.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.3	U	50.3	87.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.426		18-112		60	SPK: -150
13127-88-3	Phenol-d6	90.288		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	55.608		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.25		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-6	SDG No.:	BE110424
Lab Sample ID:	P4667-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101468.D	1	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.47		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	59.54		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57642	7.569				
1146-65-2	Naphthalene-d8	255503	10.337				
15067-26-2	Acenaphthene-d10	174731	14.179				
1517-22-2	Phenanthrene-d10	419906	16.917				
1719-03-5	Chrysene-d12	518554	21.077				
1520-96-3	Perylene-d12	675111	23.362				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.875	
000119-61-9	Benzophenone	110	J			15.548	
000112-84-5	13-Docosenamide, (Z)-	46.7	J			21.988	

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-10	SDG No.:	BE110424
Lab Sample ID:	P4667-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BE101469.D	5	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	570	ug/Kg
100-52-7	Benzaldehyde	610	U	610	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	570	ug/Kg
108-95-2	Phenol	280	U	280	440	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	570	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	440	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	570	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	570	ug/Kg
98-86-2	Acetophenone	290	U	290	440	570	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	570	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	570	ug/Kg
78-59-1	Isophorone	280	U	280	440	570	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	570	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	440	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	570	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	440	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	570	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	570	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-10	SDG No.:	BE110424
Lab Sample ID:	P4667-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BE101469.D	5	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	570	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	570	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	440	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	570	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	570	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	570	ug/Kg
208-96-8	Acenaphthylene	290	U	290	440	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	570	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	570	ug/Kg
Total PAH	Total PAH	4450	U	4450	440	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	440	570	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1140	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	570	ug/Kg
86-73-7	Fluorene	290	U	290	440	570	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	440	570	ug/Kg
103-33-3	Azobenzene	270	U	270	440	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	570	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	570	ug/Kg
1912-24-9	Atrazine	310	U	310	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-10	SDG No.:	BE110424
Lab Sample ID:	P4667-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BE101469.D	5	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	910	1100	ug/Kg
85-01-8	Phenanthrene	280	U	280	440	570	ug/Kg
120-12-7	Anthracene	280	U	280	440	570	ug/Kg
86-74-8	Carbazole	270	U	270	440	570	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	440	570	ug/Kg
206-44-0	Fluoranthene	280	U	280	440	570	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	280	U	280	440	570	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	270	U	270	440	570	ug/Kg
218-01-9	Chrysene	270	U	270	440	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	570	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	U	270	440	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	440	570	ug/Kg
50-32-8	Benzo(a)pyrene	310	U	310	440	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	440	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	440	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	U	270	440	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	570	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	570	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.78		18-112		53	SPK: -150
13127-88-3	Phenol-d6	71.095		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	49.395		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	55.885		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-10	SDG No.:	BE110424
Lab Sample ID:	P4667-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BE101469.D	5	11/4/2024 12:00:00 AM	11/4/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.385		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	63.52		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76504	7.57				
1146-65-2	Naphthalene-d8	338917	10.337				
15067-26-2	Acenaphthene-d10	232942	14.18				
1517-22-2	Phenanthrene-d10	520969	16.918				
1719-03-5	Chrysene-d12	567116	21.078				
1520-96-3	Perylene-d12	749621	23.369				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.876	

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	MH-1	SDG No.:	BE110424
Lab Sample ID:	P4679-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101470.D	5	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	910	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	570	ug/Kg
100-52-7	Benzaldehyde	620	U	620	910	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	570	ug/Kg
108-95-2	Phenol	280	U	280	440	570	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	570	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	570	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	440	570	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	570	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	570	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	910	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	570	ug/Kg
98-86-2	Acetophenone	290	U	290	440	570	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	910	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	570	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	570	ug/Kg
78-59-1	Isophorone	290	U	290	440	570	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	570	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	440	570	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	570	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	570	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	570	ug/Kg
65-85-0	Benzoic acid	800	U	800	910	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	570	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	570	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	MH-1	SDG No.:	BE110424
Lab Sample ID:	P4679-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101470.D	5	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	910	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	570	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	570	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	910	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	570	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	570	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	440	570	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	570	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	570	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	570	ug/Kg
208-96-8	Acenaphthylene	290	U	290	440	570	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	570	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	570	ug/Kg
83-32-9	Acenaphthene	270	U	270	440	570	ug/Kg
Total PAH	Total PAH	4460	U	4460	440	9120	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	910	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	910	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	440	570	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	570	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1140	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	570	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	570	ug/Kg
86-73-7	Fluorene	290	U	290	440	570	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	910	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	440	570	ug/Kg
103-33-3	Azobenzene	270	U	270	440	570	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	570	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	570	ug/Kg
1912-24-9	Atrazine	310	U	310	440	570	ug/Kg

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	MH-1	SDG No.:	BE110424
Lab Sample ID:	P4679-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101470.D	5	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	910	1100	ug/Kg
85-01-8	Phenanthrene	280	U	280	440	570	ug/Kg
120-12-7	Anthracene	290	U	290	440	570	ug/Kg
86-74-8	Carbazole	270	U	270	440	570	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	570	ug/Kg
206-44-0	Fluoranthene	420	J	280	440	570	ug/Kg
92-87-5	Benzidine	550	U	550	910	1100	ug/Kg
129-00-0	Pyrene	430	J	280	440	570	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	570	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	910	1100	ug/Kg
56-55-3	Benzo(a)anthracene	270	U	270	440	570	ug/Kg
218-01-9	Chrysene	270	U	270	440	570	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	570	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	910	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	U	270	440	570	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	440	570	ug/Kg
50-32-8	Benzo(a)pyrene	310	U	310	440	570	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	440	570	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	440	570	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	U	270	440	570	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	570	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	570	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	570	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	570	570	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.405		18-112		62	SPK: -150
13127-88-3	Phenol-d6	84.955		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	56.1		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	63.57		20-109		64	SPK: -100

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	MH-1	SDG No.:	BE110424
Lab Sample ID:	P4679-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.4
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101470.D	5	11/4/2024 12:00:00 AM	11/5/2024 12:00:00 AM	PB164639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.12		10-116		59	SPK: -150
1718-51-0	Terphenyl-d14	71.17		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78112	7.567				
1146-65-2	Naphthalene-d8	346651	10.34				
15067-26-2	Acenaphthene-d10	236260	14.177				
1517-22-2	Phenanthrene-d10	525960	16.915				
1719-03-5	Chrysene-d12	578212	21.075				
1520-96-3	Perylene-d12	764878	23.372				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.873	

Hit Summary Sheet SW-846

SDG No.: BE110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BP-F-6								
P4667-01	BP-F-6	Solid	13-Docosenamide, (Z)-	*	46.700	J		
P4667-01	BP-F-6	Solid	Benzophenone	*	110.000	J		
P4667-01	BP-F-6	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
Total Tics :					1,256.70			
Total Concentration:					1,256.70			
Client ID : BP-F-5								
P4667-05	BP-F-5	Solid	9-Octadecenamide, (Z)-	*	130.000	J		
P4667-05	BP-F-5	Solid	Benzophenone	*	110.000	J		
P4667-05	BP-F-5	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
Total Tics :					1,440.00			
Total Concentration:					1,440.00			
Client ID : BP-F-10								
P4667-09	BP-F-10	Solid	Butane, 2-methoxy-2-methyl-	*	1,000.000	J		
Total Tics :					1,000.00			
Total Concentration:					1,000.00			
Client ID : BP-F-7								
P4667-13	BP-F-7	Solid	13-Docosenamide, (Z)-	*	100.000	J		
P4667-13	BP-F-7	Solid	Benzophenone	*	110.000	J		
P4667-13	BP-F-7	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P4667-13	BP-F-7	Solid	Docosane, 11-butyl-	*	510.000	J		
P4667-13	BP-F-7	Solid	Docosane, 7-hexyl-	*	600.000	J		
P4667-13	BP-F-7	Solid	Eicosane, 10-methyl-	*	890.000	J		
P4667-13	BP-F-7	Solid	Eicosane, 9-octyl-	*	350.000	J		
P4667-13	BP-F-7	Solid	Heneicosane	*	350.000	J		
P4667-13	BP-F-7	Solid	Heneicosane, 11-decyl-	*	710.000	J		
P4667-13	BP-F-7	Solid	Heptadecane, 9-octyl-	*	680.000	J		
P4667-13	BP-F-7	Solid	Hexadecanamide	*	450.000	J		
P4667-13	BP-F-7	Solid	n-Hexadecanoic acid	*	1,800.000	J		
P4667-13	BP-F-7	Solid	Octacosane, 2-methyl-	*	660.000	J		
P4667-13	BP-F-7	Solid	Octadecanoic acid	*	6,800.000	J		
P4667-13	BP-F-7	Solid	Pentadecane, 8-hexyl-	*	500.000	J		
P4667-13	BP-F-7	Solid	Pentadecanoic acid	*	830.000	J		
P4667-13	BP-F-7	Solid	Phthalic acid, decyl 2-methylpent-	*	170.000	J		
P4667-13	BP-F-7	Solid	Phthalic acid, di(2-propylpentyl)	*	710.000	J		
P4667-13	BP-F-7	Solid	Tris(1,3-dichloroisopropyl)phosph	*	360.000	J		
Total Tics :					17,680.00			

Hit Summary Sheet

SW-846

SDG No.: BE110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				17,680.00				
Client ID :	COMP-1							
P4675-01	COMP-1	Solid	9-Octadecenamide, (Z)-	*	1,100.000	J		
P4675-01	COMP-1	Solid	Benzophenone	*	140.000	J		
P4675-01	COMP-1	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
Total Tics :				3,240.00				
Total Concentration:				3,240.00				
Client ID :	COMP-2							
P4675-02	COMP-2	Solid	9-Octadecenamide, (Z)-	*	1,200.000	J		
P4675-02	COMP-2	Solid	Benzophenone	*	160.000	J		
P4675-02	COMP-2	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
Total Tics :				3,360.00				
P4675-02	COMP-2	Solid	Benzo(a)anthracene		110.000	J	94	200 ug/Kg
P4675-02	COMP-2	Solid	Chrysene		100.000	J	92.6	200 ug/Kg
P4675-02	COMP-2	Solid	Fluoranthene		260.000		95.2	200 ug/Kg
P4675-02	COMP-2	Solid	Phenanthrene		140.000	J	97.9	200 ug/Kg
P4675-02	COMP-2	Solid	Pyrene		160.000	J	96.7	200 ug/Kg
Total Svoc :				770.00				
Total Concentration:				4,130.00				
Client ID :	COMP-3							
P4675-03	COMP-3	Solid	9-Octadecenamide, (Z)-	*	1,100.000	J		
P4675-03	COMP-3	Solid	Benzophenone	*	140.000	J		
P4675-03	COMP-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
Total Tics :				3,140.00				
Total Concentration:				3,140.00				
Client ID :	COMP-4							
P4675-04	COMP-4	Solid	9-Octadecenamide, (Z)-	*	900.000	J		
P4675-04	COMP-4	Solid	Benzophenone	*	530.000	J		
P4675-04	COMP-4	Solid	Butane, 2-methoxy-2-methyl-	*	2,800.000	J		
Total Tics :				4,230.00				
Total Concentration:				4,230.00				
Client ID :	COMP-5							
P4675-05	COMP-5	Solid	9-Octadecenamide, (Z)-	*	820.000	J		
P4675-05	COMP-5	Solid	Benzophenone	*	130.000	J		
P4675-05	COMP-5	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
Total Tics :				3,050.00				
Total Concentration:				3,050.00				
Client ID :	COMP-6							

Hit Summary Sheet SW-846

SDG No.: BE110424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4675-06	COMP-6	Solid	9-Octadecenamide, (Z)-	*	470.000	J		
P4675-06	COMP-6	Solid	Benzophenone	*	110.000	J		
P4675-06	COMP-6	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
Total Tics :					2,780.00			
Total Concentration:					2,780.00			
Client ID : MH-1								
P4679-01	MH-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
Total Tics :					1,100.00			
P4679-01	MH-1	Solid	Fluoranthene		420.000	J 280	570	ug/Kg
P4679-01	MH-1	Solid	Pyrene		430.000	J 280	570	ug/Kg
Total Svoc :					850.00			
Total Concentration:					1,950.00			
Client ID : BP-F26								
P4680-01	BP-F26	Solid	9-Octadecenamide, (Z)-	*	57.000	J		
P4680-01	BP-F26	Solid	Benzophenone	*	150.000	J		
P4680-01	BP-F26	Solid	Butane, 2-methoxy-2-methyl-	*	800.000	J		
Total Tics :					1,007.00			
Total Concentration:					1,007.00			
Client ID : BP-F25								
P4680-05	BP-F25	Solid	Benzophenone	*	87.900	J		
P4680-05	BP-F25	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
Total Tics :					1,287.90			
Total Concentration:					1,287.90			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BE102824 SAS No.: BE102824 SDG No.: BE102824
Instrument ID: _____ Calibration Date(s): 10/28/2024
Calibration Time(s): 11:44

LAB FILE ID:		RRF2.5 = BE101389.D			RRF005 = BE101390.D		RRF010 = BE101391.D	
		RRF020 = BE101392.D			RRF040 = BE101393.D		RRF050 = BE101394.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.459	0.440	0.454	0.479	0.473	0.466	3.5
Pyridine		1.064	1.123	1.255	1.196	1.252	1.204	6.8
2-Fluorophenol		1.134	1.073	1.142	1.153	1.143	1.141	3.0
Benzaldehyde		0.793	0.849	0.861	0.807	0.678	0.764	13.7
Aniline		1.059	1.262	1.529	1.346	1.301	1.213	19.9
Phenol-d6		1.450	1.475	1.558	1.629	1.594	1.582	6.1
Phenol		1.488	1.456	1.766	1.826	1.797	1.717	10.2
bis(2-Chloroethyl)ether		1.513	1.401	1.245	1.477	1.322	1.408	6.9
2-Chlorophenol		1.335	1.305	1.371	1.403	1.369	1.369	2.9
1,2-Dichlorobenzene		1.553	1.488	1.502	1.490	1.433	1.475	3.6
1,3-Dichlorobenzene		1.563	1.523	1.508	1.488	1.424	1.476	4.2
1,4-Dichlorobenzene		1.624	1.534	1.546	1.505	1.447	1.507	4.7
Benzyl Alcohol		0.704	0.797	0.979	1.061	1.013	0.943	14.6
2-Methylphenol		1.038	1.078	1.142	1.217	1.181	1.162	7.0
2,2-oxybis(1-Chloropropane)		1.840	1.857	1.816	1.794	1.711	1.772	4.3
Acetophenone		0.427	0.447	0.467	0.481	0.449	0.454	3.8
3+4-Methylphenols		1.364	1.500	1.580	1.685	1.646	1.604	8.5
n-Nitroso-di-n-propylamine	0.807	0.900	1.060	1.081	1.150	1.115	1.050	12.3
Nitrobenzene-d5		0.292	0.306	0.325	0.336	0.323	0.318	4.8
Hexachloroethane		0.497	0.486	0.492	0.497	0.495	0.492	1.3
Nitrobenzene		0.315	0.325	0.349	0.355	0.339	0.339	4.3
Isophorone		0.533	0.601	0.624	0.665	0.639	0.621	7.1
2-Nitrophenol		0.127	0.141	0.162	0.179	0.175	0.164	13.4
2,4-Dimethylphenol		0.196	0.194	0.207	0.215	0.206	0.206	4.2
bis(2-Chloroethoxy)methane		0.351	0.378	0.388	0.392	0.374	0.377	3.7
2,4-Dichlorophenol		0.257	0.268	0.285	0.297	0.287	0.285	6.0
1,2,4-Trichlorobenzene		0.325	0.311	0.315	0.314	0.304	0.311	2.7
Benzoic acid			0.091	0.145	0.196	0.203	0.182	29.7
Naphthalene		1.092	1.040	1.039	1.045	0.982	1.019	5.0
4-Chloroaniline		0.321	0.355	0.373	0.398	0.364	0.354	8.9
Hexachlorobutadiene		0.193	0.185	0.187	0.187	0.179	0.184	3.3
Caprolactam		0.077	0.093	0.109	0.119	0.118	0.109	16.5
4-Chloro-3-methylphenol		0.277	0.314	0.321	0.341	0.330	0.325	7.5
2-Methylnaphthalene		0.753	0.752	0.736	0.756	0.711	0.734	3.1
Hexachlorocyclopentadiene		0.153	0.150	0.179	0.177	0.173	0.166	6.9
2,4,6-Trichlorophenol		0.310	0.325	0.352	0.369	0.353	0.346	6.0

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.: BE102824 SAS No.: BE102824 SDG No.: BE102824
Instrument ID: _____ Calibration Date(s): 10/28/2024
Calibration Time(s): 11:44

LAB FILE ID:		RRF2.5 = BE101389.D			RRF005 = BE101390.D		RRF010 = BE101391.D	
		RRF020 = BE101392.D			RRF040 = BE101393.D		RRF050 = BE101394.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.359	1.275	1.283	1.226	1.114	1.181	12.4
2,4,5-Trichlorophenol		0.356	0.372	0.401	0.415	0.402	0.396	5.9
1,1-Biphenyl		1.477	1.399	1.431	1.408	1.326	1.370	6.2
2-Chloronaphthalene		1.159	1.091	1.112	1.098	1.054	1.083	4.6
2-Nitroaniline		0.214	0.243	0.295	0.318	0.318	0.291	15.4
Dimethylphthalate		1.446	1.469	1.459	1.449	1.378	1.412	4.4
Acenaphthylene		1.613	1.605	1.656	1.677	1.586	1.601	4.1
2,6-Dinitrotoluene		0.284	0.309	0.331	0.345	0.333	0.326	6.8
3-Nitroaniline		0.266	0.296	0.342	0.357	0.347	0.324	10.2
Acenaphthene		1.120	1.080	1.073	1.075	1.016	1.045	5.8
2,4-Dinitrophenol			0.125	0.177	0.208	0.219	0.198	20.8
4-Nitrophenol			0.219	0.291	0.311	0.318	0.297	13.3
Dibenzofuran		1.828	1.739	1.721	1.695	1.604	1.666	7.0
2,4-Dinitrotoluene		0.344	0.407	0.454	0.481	0.480	0.449	12.2
Diethylphthalate		1.499	1.532	1.560	1.535	1.456	1.477	5.5
4-Chlorophenyl-phenylether		0.737	0.713	0.705	0.707	0.676	0.692	5.0
Fluorene		1.490	1.450	1.446	1.453	1.354	1.394	6.7
4-Nitroaniline		0.267	0.316	0.374	0.391	0.393	0.361	13.8
4,6-Dinitro-2-methylphenol			0.086	0.108	0.123	0.125	0.118	15.2
n-Nitrosodiphenylamine		0.542	0.548	0.545	0.553	0.516	0.530	4.3
Azobenzene		1.280	1.309	1.331	1.319	1.248	1.269	4.8
2,4,6-Tribromophenol		0.329	0.341	0.358	0.366	0.355	0.351	3.6
4-Bromophenyl-phenylether		0.211	0.207	0.209	0.215	0.208	0.210	1.5
Hexachlorobenzene		0.283	0.272	0.274	0.283	0.271	0.276	2.0
Atrazine		0.182	0.179	0.160	0.184	0.109	0.163	19.4
Pentachlorophenol		0.116	0.137	0.159	0.173	0.172	0.159	14.9
Phenanthrene		1.068	1.023	1.012	0.991	0.912	0.958	9.6
Anthracene		1.002	0.972	0.997	0.979	0.909	0.935	8.1
Carbazole		1.010	0.987	1.033	0.995	0.939	0.957	7.6
Di-n-butylphthalate		1.018	1.088	1.221	1.136	1.058	1.053	10.7
Fluoranthene		1.320	1.268	1.306	1.199	1.102	1.163	13.3
Benzidine		0.236	0.285	0.253	0.347	0.228	0.254	19.2
Pyrene		1.176	1.206	1.184	1.174	1.052	1.100	10.7
Terphenyl-d14		1.036	1.023	0.970	0.841	0.686	0.869	19.3
Butylbenzylphthalate		0.443	0.467	0.515	0.510	0.494	0.482	5.7
3,3-Dichlorobenzidine		0.404	0.438	0.470	0.481	0.450	0.440	7.1

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.: BE102824 SAS No.: BE102824 SDG No.: BE102824
Instrument ID: _____ Calibration Date(s): 10/28/2024
Calibration Time(s): 11:44

LAB FILE ID:		RRF2.5 = BE101389.D			RRF005 = BE101390.D		RRF010 = BE101391.D	
		RRF020 = BE101392.D			RRF040 = BE101393.D		RRF050 = BE101394.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.277	1.238	1.243	1.174	1.047	1.124	13.2
Chrysene		1.266	1.225	1.201	1.110	1.005	1.087	14.5
Bis(2-ethylhexyl)phthalate		0.550	0.608	0.705	0.698	0.672	0.641	9.1
Di-n-octyl phthalate		0.987	1.057	1.209	1.137	1.053	1.051	9.9
Benzo(b)fluoranthene		1.076	1.113	1.100	1.110	1.023	1.042	8.3
Benzo(k)fluoranthene		1.126	1.042	1.087	1.015	0.897	0.974	13.1
Benzo(a)pyrene		0.935	0.933	0.961	0.966	0.899	0.912	6.4
Indeno(1,2,3-cd)pyrene		1.390	1.352	1.390	1.394	1.315	1.338	4.8
Dibenzo(a,h)anthracene		1.130	1.125	1.169	1.170	1.089	1.106	6.0
Benzo(g,h,i)perylene		1.162	1.130	1.155	1.179	1.125	1.140	3.0
1,2,4,5-Tetrachlorobenzene		0.522	0.493	0.515	0.512	0.491	0.502	3.0
1,4-Dioxane		0.471	0.463	0.454	0.421	0.400	0.426	8.8
2,3,4,6-Tetrachlorophenol		0.345	0.355	0.368	0.382	0.367	0.366	3.5
1-Methylnaphthalene		0.750	0.756	0.735	0.751	0.709	0.733	3.1

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.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BE101393.D Time Analyzed: 13:25

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	140927	7.57	679661	10.34	489939	14.18
	UPPER LIMIT	281854	8.07	1359322	10.838	979878	14.68
	LOWER LIMIT	70463.5	7.07	339830.5	9.838	244969.5	13.68
	EPA SAMPLE NO.						
01	PB164593BL	83697	7.57	332383 *	10.34	209474 *	14.18
02	PB164593BS	76985	7.57	325431 *	10.34	205486 *	14.18
03	BP-F-7	69473 *	7.57	285452 *	10.34	179101 *	14.18
04	BP-F25	76632	7.57	312924 *	10.34	202325 *	14.18
05	BP-F26	59506 *	7.57	247180 *	10.34	157650 *	14.18
06	COMP-4	61796 *	7.57	248097 *	10.34	157598 *	14.18
07	COMP-4MS	55119 *	7.57	225817 *	10.34	137542 *	14.18
08	COMP-4MSD	62622 *	7.57	255715 *	10.34	157541 *	14.18
09	COMP-3	61218 *	7.57	261412 *	10.34	173354 *	14.18
10	COMP-1	57409 *	7.57	246070 *	10.34	168001 *	14.18
11	COMP-2	48630 *	7.57	202752 *	10.33	127678 *	14.18
12	COMP-5	53466 *	7.57	221932 *	10.34	143072 *	14.18
13	COMP-6	51986 *	7.57	218976 *	10.34	149142 *	14.18
14	BP-F-5	45896 *	7.57	200551 *	10.34	138713 *	14.18
15	BP-F-6	57642 *	7.57	255503 *	10.34	174731 *	14.18
16	BP-F-10	76504	7.57	338917 *	10.34	232942 *	14.18
17	MH-1	78112	7.57	346651	10.34	236260 *	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

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

Lab File ID: BE101393.D Time Analyzed: 00:01

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	140927	7.57	679661	10.34	489939	14.18
UPPER LIMIT	281854	8.07	1359322	10.838	979878	14.68
LOWER LIMIT	70463.5	7.07	339830.5	9.838	244969.5	13.68
EPA SAMPLE NO.						

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.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BE101453.D Time Analyzed: 13:25

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	101222	7.57	465351	10.34	319103	14.19
	UPPER LIMIT	202444	8.07	930702	10.843	638206	14.686
	LOWER LIMIT	50611	7.07	232675.5	9.843	159551.5	13.686
	EPA SAMPLE NO.						
01	PB164593BL	83697	7.57	332383	10.34	209474	14.18
02	PB164593BS	76985	7.57	325431	10.34	205486	14.18
03	BP-F-7	69473	7.57	285452	10.34	179101	14.18
04	BP-F25	76632	7.57	312924	10.34	202325	14.18
05	BP-F26	59506	7.57	247180	10.34	157650 *	14.18
06	COMP-4	61796	7.57	248097	10.34	157598 *	14.18
07	COMP-4MS	55119	7.57	225817 *	10.34	137542 *	14.18
08	COMP-4MSD	62622	7.57	255715	10.34	157541 *	14.18
09	COMP-3	61218	7.57	261412	10.34	173354	14.18
10	COMP-1	57409	7.57	246070	10.34	168001	14.18
11	COMP-2	48630 *	7.57	202752 *	10.33	127678 *	14.18
12	COMP-5	53466	7.57	221932 *	10.34	143072 *	14.18
13	COMP-6	51986	7.57	218976 *	10.34	149142 *	14.18
14	BP-F-5	45896 *	7.57	200551 *	10.34	138713 *	14.18
15	BP-F-6	57642	7.57	255503	10.34	174731	14.18
16	BP-F-10	76504	7.57	338917	10.34	232942	14.18
17	MH-1	78112	7.57	346651	10.34	236260	14.18

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

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

Lab File ID: BE101453.D Time Analyzed: 00:01

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	101222	7.57	465351	10.34	319103	14.19
UPPER LIMIT	202444	8.07	930702	10.843	638206	14.686
LOWER LIMIT	50611	7.07	232675.5	9.843	159551.5	13.686
EPA SAMPLE NO.						

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.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BE101393.D Time Analyzed: 13:25

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.12158e+01	16.918	1.21393e+01	21.078	1.50873e+01	23.364
	UPPER LIMIT	2243160	17.418	2427860	21.578	3017460	23.864
	LOWER LIMIT	560790	16.418	606965	20.578	754365	22.864
	EPA SAMPLE NO.						
01	PB164593BL	478774 *	16.92	637683	21.08	926419	23.37
02	PB164593BS	423694 *	16.92	509474 *	21.08	767672	23.38
03	BP-F-7	406151 *	16.92	524140 *	21.08	755529	23.37
04	BP-F25	466049 *	16.92	582784 *	21.08	806913	23.37
05	BP-F26	365207 *	16.92	482135 *	21.08	685387 *	23.37
06	COMP-4	362960 *	16.92	488975 *	21.08	682027 *	23.36
07	COMP-4MS	319377 *	16.92	506438 *	21.08	716658 *	23.37
08	COMP-4MSD	337929 *	16.92	477689 *	21.08	708395 *	23.37
09	COMP-3	407280 *	16.91	534040 *	21.07	731364 *	23.36
10	COMP-1	408296 *	16.91	504276 *	21.07	686079 *	23.36
11	COMP-2	305050 *	16.91	475416 *	21.07	662069 *	23.37
12	COMP-5	331097 *	16.92	474755 *	21.07	655789 *	23.36
13	COMP-6	383193 *	16.91	519087 *	21.08	689221 *	23.36
14	BP-F-5	366717 *	16.91	491043 *	21.07	649223 *	23.37
15	BP-F-6	419906 *	16.92	518554 *	21.08	675111 *	23.36
16	BP-F-10	520969 *	16.92	567116 *	21.08	749621 *	23.37
17	MH-1	525960 *	16.92	578212 *	21.08	764878	23.37

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

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

Lab File ID: BE101393.D Time Analyzed: 00:01

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.12158e+01	16.918	1.21393e+01	21.078	1.50873e+01	23.364
UPPER LIMIT	2243160	17.418	2427860	21.578	3017460	23.864
LOWER LIMIT	560790	16.418	606965	20.578	754365	22.864
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.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 4 2024 12:00AM

Lab File ID: BE101453.D Time Analyzed: 13:25

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	704364	16.924	756056	21.084	973527	23.375
	UPPER LIMIT	1408728	17.424	1512112	21.584	1947054	23.875
	LOWER LIMIT	352182	16.424	378028	20.584	486763.5	22.875
	EPA SAMPLE NO.						
01	PB164593BL	478774	16.92	637683	21.08	926419	23.37
02	PB164593BS	423694	16.92	509474	21.08	767672	23.38
03	BP-F-7	406151	16.92	524140	21.08	755529	23.37
04	BP-F25	466049	16.92	582784	21.08	806913	23.37
05	BP-F26	365207	16.92	482135	21.08	685387	23.37
06	COMP-4	362960	16.92	488975	21.08	682027	23.36
07	COMP-4MS	319377 *	16.92	506438	21.08	716658	23.37
08	COMP-4MSD	337929 *	16.92	477689	21.08	708395	23.37
09	COMP-3	407280	16.91	534040	21.07	731364	23.36
10	COMP-1	408296	16.91	504276	21.07	686079	23.36
11	COMP-2	305050 *	16.91	475416	21.07	662069	23.37
12	COMP-5	331097 *	16.92	474755	21.07	655789	23.36
13	COMP-6	383193	16.91	519087	21.08	689221	23.36
14	BP-F-5	366717	16.91	491043	21.07	649223	23.37
15	BP-F-6	419906	16.92	518554	21.08	675111	23.36
16	BP-F-10	520969	16.92	567116	21.08	749621	23.37
17	MH-1	525960	16.92	578212	21.08	764878	23.37

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110424 SAS No.: BE110424 SDG NO.: BE110424

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

Lab File ID: BE101453.D Time Analyzed: 00:01

Instrument ID: BNA_E GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	704364	16.924	756056	21.084	973527	23.375
UPPER LIMIT	1408728	17.424	1512112	21.584	1947054	23.875
LOWER LIMIT	352182	16.424	378028	20.584	486763.5	22.875
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.: BE110424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164593BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	360	ug/Kg	21				10	133	
	Aniline	1700	2000	ug/Kg	118		*		38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				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	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1600	ug/Kg	94				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1500	ug/Kg	88				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	2100	ug/Kg	124				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	760	ug/Kg	45				10	140	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	1200	ug/Kg	71				16	100	
	Hexachlorobutadiene	1700	1700	ug/Kg	100		*		53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	7100	ug/Kg	215		*		45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		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	27900	ug/Kg	103				57	104	
	2,4-Dinitrophenol	3300	2700	ug/Kg	82				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BE110424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB164593BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119		
	Dibenzofuran	1700	1600	ug/Kg	94				63	99		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3200	ug/Kg	94				60	106		
	Diethylphthalate	1700	1600	ug/Kg	94				60	101		
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98		
	Fluorene	1700	1600	ug/Kg	94				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113		
	N-Nitrosodiphenylamine	1700	1800	ug/Kg	106		*		71	99		
	Azobenzene	1700	1600	ug/Kg	94				54	103		
	4-Bromophenyl-phenylether	1700	1800	ug/Kg	106		*		66	102		
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98		
	Atrazine	1700	2100	ug/Kg	124				47	152		
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105		
	Phenanthrene	1700	1800	ug/Kg	106		*		59	103		
	Anthracene	1700	1900	ug/Kg	112		*		61	105		
	Carbazole	1700	1700	ug/Kg	100		*		61	99		
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104		
	Fluoranthene	1700	1700	ug/Kg	100				57	107		
	Benzidine	3300	3400	ug/Kg	103		*		10	98		
	Pyrene	1700	1600	ug/Kg	94				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91		
	Benzo(a)anthracene	1700	1800	ug/Kg	106		*		60	102		
	Chrysene	1700	1800	ug/Kg	106		*		59	101		
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				54	135		
	Di-n-octyl phthalate	1700	2200	ug/Kg	129				52	137		
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109		
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103		
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101		
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112		
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1800	ug/Kg	106		*		53	101		
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108		
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164593BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE110424

SAS No.: BE110424 SDG NO.: BE110424

Lab File ID: BE101454.D

Lab Sample ID: PB164593BL

Instrument ID: BNA_E

Date Extracted: 11/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 13:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164593BS	PB164593BS	BE101455.D	11/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-F-7

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE110424

SAS No.: BE110424 SDG NO.: BE110424

Lab File ID: BE101456.D

Lab Sample ID: P4667-13

Instrument ID: BNA_E

Date Extracted: 11/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/04/2024

Level: (low/med) LOW

Time Analyzed: 15:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-F-7	P4667-13	BE101456.D	11/04/2024
BP-F25	P4680-05	BE101457.D	11/04/2024
BP-F26	P4680-01	BE101458.D	11/04/2024
COMP-4	P4675-04	BE101459.D	11/04/2024
COMP-4MS	P4675-04MS	BE101460.D	11/04/2024
COMP-4MSD	P4675-04MSD	BE101461.D	11/04/2024
COMP-3	P4675-03	BE101462.D	11/04/2024
COMP-1	P4675-01	BE101463.D	11/04/2024
COMP-2	P4675-02	BE101464.D	11/04/2024
COMP-5	P4675-05	BE101465.D	11/04/2024
COMP-6	P4675-06	BE101466.D	11/04/2024
BP-F-5	P4667-05	BE101467.D	11/04/2024
BP-F-6	P4667-01	BE101468.D	11/04/2024
BP-F-10	P4667-09	BE101469.D	11/04/2024
MH-1	P4679-01	BE101470.D	11/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4675-04MS		Client Sample ID: COMP-4MS		DataFile: BE101460.D							
n-Nitrosodimethylamine	2000		2200	ug/Kg	110				66	124	
Pyridine	2000		1900	ug/Kg	95				45	119	
Benzaldehyde	2000		440	ug/Kg	22				10	86	
Aniline	2000		2100	ug/Kg	105	*			10	88	
Phenol	2000		2100	ug/Kg	105				67	126	
bis(2-Chloroethyl)ether	2000		1500	ug/Kg	75				54	125	
2-Chlorophenol	2000		2000	ug/Kg	100				79	107	
1,2-Dichlorobenzene	2000		1900	ug/Kg	95				61	105	
1,3-Dichlorobenzene	2000		2000	ug/Kg	100				62	101	
1,4-Dichlorobenzene	2000		2000	ug/Kg	100				63	104	
Benzyl Alcohol	2000		1900	ug/Kg	95				47	126	
2-Methylphenol	2000		1900	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	2000		1800	ug/Kg	90				65	110	
Acetophenone	2000		2000	ug/Kg	100				75	111	
3+4-Methylphenols	2000		1800	ug/Kg	90				66	104	
N-Nitroso-di-n-propylamine	2000		1700	ug/Kg	85				59	119	
Hexachloroethane	2000		2000	ug/Kg	100				65	117	
Nitrobenzene	2000		2000	ug/Kg	100				70	119	
Isophorone	2000		1900	ug/Kg	95				76	122	
2-Nitrophenol	2000		2200	ug/Kg	110				54	145	
2,4-Dimethylphenol	2000		2500	ug/Kg	125				44	135	
bis(2-Chloroethoxy)methane	2000		1900	ug/Kg	95				68	112	
2,4-Dichlorophenol	2000		2100	ug/Kg	105				72	118	
1,2,4-Trichlorobenzene	2000		2000	ug/Kg	100				57	103	
Benzoic acid	2000		1300	ug/Kg	65				50	104	
Naphthalene	2000		2000	ug/Kg	100				72	110	
4-Chloroaniline	2000		1000	ug/Kg	50				10	91	
Hexachlorobutadiene	2000		2000	ug/Kg	100				66	114	
Caprolactam	2000		1900	ug/Kg	95				51	134	
4-Chloro-3-methylphenol	2000		1900	ug/Kg	95				57	132	
2-Methylnaphthalene	2000		1900	ug/Kg	95				59	123	
Hexachlorocyclopentadiene	4000		7400	ug/Kg	185	*			10	175	
2,4,6-Trichlorophenol	2000		2300	ug/Kg	115				72	117	
2,4,5-Trichlorophenol	2000		2200	ug/Kg	110				72	117	
1,1-Biphenyl	2000		2100	ug/Kg	105				75	113	
2-Chloronaphthalene	2000		2100	ug/Kg	105				67	118	
2-Nitroaniline	2000		2300	ug/Kg	115				69	127	
Dimethylphthalate	2000		2000	ug/Kg	100				70	113	
Acenaphthylene	2000		2300	ug/Kg	115				79	118	
2,6-Dinitrotoluene	2000		2000	ug/Kg	100				70	125	
3-Nitroaniline	2000		1400	ug/Kg	70				30	99	
Acenaphthene	2000		2100	ug/Kg	105				70	121	
Total PAH	32000		34600	ug/Kg	108				70	121	
2,4-Dinitrophenol	4000		3700	ug/Kg	93				10	155	
4-Nitrophenol	4000		4800	ug/Kg	120				45	133	
Dibenzofuran	2000		2100	ug/Kg	105				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2100	ug/Kg	105				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		4100	ug/Kg	103				55	128	
Diethylphthalate	2000		2000	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	2000		2000	ug/Kg	100				71	108	
Fluorene	2000		2100	ug/Kg	105				68	116	
4-Nitroaniline	2000		2200	ug/Kg	110				55	120	
4,6-Dinitro-2-methylphenol	2000		2300	ug/Kg	115				10	160	
N-Nitrosodiphenylamine	2000		2100	ug/Kg	105				73	118	
Azobenzene	2000		2000	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	2000		2000	ug/Kg	100				65	121	
Hexachlorobenzene	2000		2000	ug/Kg	100				67	118	
Atrazine	2000		2600	ug/Kg	130	*			79	127	
Pentachlorophenol	4000		4900	ug/Kg	123				47	128	
Phenanthrene	2000		2200	ug/Kg	110				52	128	
Anthracene	2000		2300	ug/Kg	115				62	124	
Carbazole	2000		2300	ug/Kg	115				59	119	
Di-n-butylphthalate	2000		2300	ug/Kg	115				69	118	
Fluoranthene	2000		2500	ug/Kg	125				44	125	
Benzidine	4000		4000	ug/Kg	100				10	119	
Pyrene	2000		1800	ug/Kg	90				26	142	
Butylbenzylphthalate	2000		2000	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	2000		1500	ug/Kg	75				33	116	
Benzo(a)anthracene	2000		2200	ug/Kg	110				71	114	
Chrysene	2000		2200	ug/Kg	110				57	121	
bis(2-Ethylhexyl)phthalate	2000		2300	ug/Kg	115				42	169	
Di-n-octyl phthalate	2000		2600	ug/Kg	130				23	175	
Benzo(b)fluoranthene	2000		2000	ug/Kg	100				67	121	
Benzo(k)fluoranthene	2000		2200	ug/Kg	110				57	134	
Benzo(a)pyrene	2000		2300	ug/Kg	115				70	142	
Indeno(1,2,3-cd)pyrene	2000		2200	ug/Kg	110				40	129	
Dibenz(a,h)anthracene	2000		2200	ug/Kg	110				43	123	
Benzo(g,h,i)perylene	2000		2000	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	2000		2200	ug/Kg	110				69	124	
1,4-Dioxane	2000		2100	ug/Kg	105				46	112	
2,3,4,6-Tetrachlorophenol	2000		2300	ug/Kg	115	*			69	112	
1-Methylnaphthalene	2000		1800	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4675-04MSD		Client Sample ID: COMP-4MSD		DataFile: BE101461.D							
n-Nitrosodimethylamine	2000		2200	ug/Kg	110		0		66	124	20
Pyridine	2000		1900	ug/Kg	95		0		45	119	20
Benzaldehyde	2000		440	ug/Kg	22		0		10	86	20
Aniline	2000		2100	ug/Kg	105	*	0		10	88	20
Phenol	2000		2100	ug/Kg	105		0		67	126	20
bis(2-Chloroethyl)ether	2000		1600	ug/Kg	80		6		54	125	20
2-Chlorophenol	2000		2000	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	2000		1900	ug/Kg	95		0		61	105	20
1,3-Dichlorobenzene	2000		2000	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	2000		1900	ug/Kg	95		5		63	104	20
Benzyl Alcohol	2000		1900	ug/Kg	95		0		47	126	20
2-Methylphenol	2000		1800	ug/Kg	90		5		66	122	20
2,2-oxybis(1-Chloropropane)	2000		1800	ug/Kg	90		0		65	110	20
Acetophenone	2000		2000	ug/Kg	100		0		75	111	20
3+4-Methylphenols	2000		1800	ug/Kg	90		0		66	104	20
N-Nitroso-di-n-propylamine	2000		1800	ug/Kg	90		6		59	119	20
Hexachloroethane	2000		2000	ug/Kg	100		0		65	117	20
Nitrobenzene	2000		2000	ug/Kg	100		0		70	119	20
Isophorone	2000		1900	ug/Kg	95		0		76	122	20
2-Nitrophenol	2000		2200	ug/Kg	110		0		54	145	20
2,4-Dimethylphenol	2000		2500	ug/Kg	125		0		44	135	20
bis(2-Chloroethoxy)methane	2000		2000	ug/Kg	100		5		68	112	20
2,4-Dichlorophenol	2000		2100	ug/Kg	105		0		72	118	20
1,2,4-Trichlorobenzene	2000		2000	ug/Kg	100		0		57	103	20
Benzoic acid	2000		1300	ug/Kg	65		0		50	104	20
Naphthalene	2000		2000	ug/Kg	100		0		72	110	20
4-Chloroaniline	2000		1100	ug/Kg	55		10		10	91	20
Hexachlorobutadiene	2000		2100	ug/Kg	105		5		66	114	20
Caprolactam	2000		1900	ug/Kg	95		0		51	134	20
4-Chloro-3-methylphenol	2000		1900	ug/Kg	95		0		57	132	20
2-Methylnaphthalene	2000		1900	ug/Kg	95		0		59	123	20
Hexachlorocyclopentadiene	4000		7600	ug/Kg	190	*	3		10	175	20
2,4,6-Trichlorophenol	2000		2300	ug/Kg	115		0		72	117	20
2,4,5-Trichlorophenol	2000		2200	ug/Kg	110		0		72	117	20
1,1-Biphenyl	2000		2100	ug/Kg	105		0		75	113	20
2-Chloronaphthalene	2000		2100	ug/Kg	105		0		67	118	20
2-Nitroaniline	2000		2200	ug/Kg	110		4		69	127	20
Dimethylphthalate	2000		2000	ug/Kg	100		0		70	113	20
Acenaphthylene	2000		2300	ug/Kg	115		0		79	118	20
2,6-Dinitrotoluene	2000		1900	ug/Kg	95		5		70	125	20
3-Nitroaniline	2000		1300	ug/Kg	65		7		30	99	20
Acenaphthene	2000		2100	ug/Kg	105		0		70	121	20
Total PAH	32000		34300	ug/Kg	107		1		70	121	20
2,4-Dinitrophenol	4000		3500	ug/Kg	88		6		10	155	20
4-Nitrophenol	4000		4400	ug/Kg	110		9		45	133	20
Dibenzofuran	2000		2000	ug/Kg	100		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2000	ug/Kg	100		5		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		3900	ug/Kg	98		5		55	128	20
Diethylphthalate	2000		1900	ug/Kg	95		5		70	112	20
4-Chlorophenyl-phenylether	2000		1900	ug/Kg	95		5		71	108	20
Fluorene	2000		2000	ug/Kg	100		5		68	116	20
4-Nitroaniline	2000		1900	ug/Kg	95		15		55	120	20
4,6-Dinitro-2-methylphenol	2000		2200	ug/Kg	110		4		10	160	20
N-Nitrosodiphenylamine	2000		2200	ug/Kg	110		5		73	118	20
Azobenzene	2000		2000	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	2000		2100	ug/Kg	105		5		65	121	20
Hexachlorobenzene	2000		2100	ug/Kg	105		5		67	118	20
Atrazine	2000		2600	ug/Kg	130	*	0		79	127	20
Pentachlorophenol	4000		4800	ug/Kg	120		2		47	128	20
Phenanthrene	2000		2200	ug/Kg	110		0		52	128	20
Anthracene	2000		2300	ug/Kg	115		0		62	124	20
Carbazole	2000		2200	ug/Kg	110		4		59	119	20
Di-n-butylphthalate	2000		2200	ug/Kg	110		4		69	118	20
Fluoranthene	2000		2300	ug/Kg	115		8		44	125	20
Benzdine	4000		4100	ug/Kg	103		3		10	119	20
Pyrene	2000		1900	ug/Kg	95		5		26	142	20
Butylbenzylphthalate	2000		2000	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	2000		1500	ug/Kg	75		0		33	116	20
Benzo(a)anthracene	2000		2200	ug/Kg	110		0		71	114	20
Chrysene	2000		2200	ug/Kg	110		0		57	121	20
bis(2-Ethylhexyl)phthalate	2000		2300	ug/Kg	115		0		42	169	20
Di-n-octyl phthalate	2000		2600	ug/Kg	130		0		23	175	20
Benzo(b)fluoranthene	2000		2000	ug/Kg	100		0		67	121	20
Benzo(k)fluoranthene	2000		2100	ug/Kg	105		5		57	134	20
Benzo(a)pyrene	2000		2300	ug/Kg	115		0		70	142	20
Indeno(1,2,3-cd)pyrene	2000		2200	ug/Kg	110		0		40	129	20
Dibenz(a,h)anthracene	2000		2200	ug/Kg	110		0		43	123	20
Benzo(g,h,i)perylene	2000		2000	ug/Kg	100		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2000		2200	ug/Kg	110		0		69	124	20
1,4-Dioxane	2000		2100	ug/Kg	105		0		46	112	20
2,3,4,6-Tetrachlorophenol	2000		2200	ug/Kg	110		4		69	112	20
1-Methylnaphthalene	2000		1800	ug/Kg	90		0		70	130	20

Surrogate Summary

SW-846

SDG No.: BE110424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164593BL	PB164593BL	BE101454.D	2-Fluorophenol	150	125.55	84		18	112
			Phenol-d6	150	111.82	75		15	107
			Nitrobenzene-d5	100	81.01	81		18	107
			2-Fluorobiphenyl	100	86.32	86		20	109
			2,4,6-Tribromophenol	150	125.17	83		10	116
			Terphenyl-d14	100	80.07	80		10	105
PB164593BS	PB164593BS	BE101455.D	2-Fluorophenol	150	157.80	105		18	112
			Phenol-d6	150	143.06	95		15	107
			Nitrobenzene-d5	100	100.53	101		18	107
			2-Fluorobiphenyl	100	107.65	108		20	109
			2,4,6-Tribromophenol	150	148.96	99		10	116
			Terphenyl-d14	100	99.21	99		10	105

Surrogate Summary

SW-846

SDG No.: **BE110424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4667-01	BP-F-6	BE101468.D	2-Fluorophenol	150	90.43	60		18	112
			Phenol-d6	150	90.29	60		15	107
			Nitrobenzene-d5	100	55.61	56		18	107
			2-Fluorobiphenyl	100	58.25	58		20	109
			2,4,6-Tribromophenol	150	97.47	65		10	116
			Terphenyl-d14	100	59.54	60		10	105
P4667-05	BP-F-5	BE101467.D	2-Fluorophenol	150	92.73	62		18	112
			Phenol-d6	150	95.48	64		15	107
			Nitrobenzene-d5	100	57.42	57		18	107
			2-Fluorobiphenyl	100	65.15	65		20	109
			2,4,6-Tribromophenol	150	115.48	77		10	116
			Terphenyl-d14	100	66.38	66		10	105
P4667-09	BP-F-10	BE101469.D	2-Fluorophenol	150	78.78	53		18	112
			Phenol-d6	150	71.10	47		15	107
			Nitrobenzene-d5	100	49.40	49		18	107
			2-Fluorobiphenyl	100	55.89	56		20	109
			2,4,6-Tribromophenol	150	76.39	51		10	116
			Terphenyl-d14	100	63.52	64		10	105
P4667-13	BP-F-7	BE101456.D	2-Fluorophenol	150	88.04	59		18	112
			Phenol-d6	150	85.89	57		15	107
			Nitrobenzene-d5	100	52.07	52		18	107
			2-Fluorobiphenyl	100	51.20	51		20	109
			2,4,6-Tribromophenol	150	109.92	73		10	116
			Terphenyl-d14	100	58.98	59		10	105
P4675-01	COMP-1	BE101463.D	2-Fluorophenol	150	90.92	61		18	112
			Phenol-d6	150	90.44	60		15	107
			Nitrobenzene-d5	100	57.49	57		18	107
			2-Fluorobiphenyl	100	62.76	63		20	109
			2,4,6-Tribromophenol	150	105.79	71		10	116
			Terphenyl-d14	100	67.05	67		10	105
P4675-02	COMP-2	BE101464.D	2-Fluorophenol	150	92.50	62		18	112
			Phenol-d6	150	85.41	57		15	107
			Nitrobenzene-d5	100	57.24	57		18	107
			2-Fluorobiphenyl	100	61.89	62		20	109
			2,4,6-Tribromophenol	150	95.08	63		10	116
			Terphenyl-d14	100	58.79	59		10	105
P4675-03	COMP-3	BE101462.D	2-Fluorophenol	150	101.78	68		18	112
			Phenol-d6	150	95.01	63		15	107
			Nitrobenzene-d5	100	63.28	63		18	107
			2-Fluorobiphenyl	100	66.94	67		20	109
			2,4,6-Tribromophenol	150	104.55	70		10	116
			Terphenyl-d14	100	66.37	66		10	105
P4675-04	COMP-4	BE101459.D	2-Fluorophenol	150	126.20	84		18	112
			Phenol-d6	150	119.33	80		15	107
			Nitrobenzene-d5	100	80.65	81		18	107
			2-Fluorobiphenyl	100	88.36	88		20	109
			2,4,6-Tribromophenol	150	142.48	95		10	116
			Terphenyl-d14	100	83.81	84		10	105
P4675-04MS	COMP-4MS	BE101460.D	2-Fluorophenol	150	114.83	77		18	112

Surrogate Summary

SW-846

SDG No.: **BE110424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4675-04MS	COMP-4MS	BE101460.D	Phenol-d6	150	108.76	73		15	107
			Nitrobenzene-d5	100	72.52	73		18	107
			2-Fluorobiphenyl	100	79.33	79		20	109
			2,4,6-Tribromophenol	150	121.34	81		10	116
			Terphenyl-d14	100	68.39	68		10	105
P4675-04MSD	COMP-4MSD	BE101461.D	2-Fluorophenol	150	114.31	76		18	112
			Phenol-d6	150	108.19	72		15	107
			Nitrobenzene-d5	100	73.25	73		18	107
			2-Fluorobiphenyl	100	79.84	80		20	109
			2,4,6-Tribromophenol	150	115.37	77		10	116
P4675-05	COMP-5	BE101465.D	Terphenyl-d14	100	72.00	72		10	105
			2-Fluorophenol	150	100.13	67		18	112
			Phenol-d6	150	96.82	65		15	107
			Nitrobenzene-d5	100	62.90	63		18	107
			2-Fluorobiphenyl	100	69.53	70		20	109
P4675-06	COMP-6	BE101466.D	2,4,6-Tribromophenol	150	105.95	71		10	116
			Terphenyl-d14	100	66.00	66		10	105
			2-Fluorophenol	150	107.44	72		18	112
			Phenol-d6	150	101.02	67		15	107
			Nitrobenzene-d5	100	66.89	67		18	107
P4679-01	MH-1	BE101470.D	2-Fluorobiphenyl	100	70.13	70		20	109
			2,4,6-Tribromophenol	150	117.89	79		10	116
			Terphenyl-d14	100	70.94	71		10	105
			2-Fluorophenol	150	92.41	62		18	112
			Phenol-d6	150	84.96	57		15	107
P4680-01	BP-F26	BE101458.D	Nitrobenzene-d5	100	56.10	56		18	107
			2-Fluorobiphenyl	100	63.57	64		20	109
			2,4,6-Tribromophenol	150	89.12	59		10	116
			Terphenyl-d14	100	71.17	71		10	105
			2-Fluorophenol	150	92.44	62		18	112
P4680-05	BP-F25	BE101457.D	Phenol-d6	150	96.32	64		15	107
			Nitrobenzene-d5	100	56.39	56		18	107
			2-Fluorobiphenyl	100	64.90	65		20	109
			2,4,6-Tribromophenol	150	120.30	80		10	116
			Terphenyl-d14	100	71.39	71		10	105
			2-Fluorophenol	150	101.63	68		18	112
			Phenol-d6	150	93.78	63		15	107
			Nitrobenzene-d5	100	63.03	63		18	107
			2-Fluorobiphenyl	100	64.77	65		20	109
			2,4,6-Tribromophenol	150	107.65	72		10	116
			Terphenyl-d14	100	68.71	69		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BE110424

Lab Code: CHEM

SAS No.: BE110424 SDG NO.: BE110424

Lab File ID: BE101452.D

DFTPP Injection Date: 11/04/2024

Instrument ID: BNA_E

DFTPP Injection Time: 12:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	14.6
68	Less than 2.0% of mass 69	0.2 (1.6) 1
69	Mass 69 relative abundance	15.5
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	22
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	3.6
275	10.0 - 60.0% of mass 198	17.7
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	16.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 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	BE101453.D	11/04/2024	12:49
PB164593BL	PB164593BL	BE101454.D	11/04/2024	13:25
PB164593BS	PB164593BS	BE101455.D	11/04/2024	14:04
BP-F-7	P4667-13	BE101456.D	11/04/2024	15:42
BP-F25	P4680-05	BE101457.D	11/04/2024	16:18
BP-F26	P4680-01	BE101458.D	11/04/2024	16:51
COMP-4	P4675-04	BE101459.D	11/04/2024	17:27
COMP-4MS	P4675-04MS	BE101460.D	11/04/2024	18:02
COMP-4MSD	P4675-04MSD	BE101461.D	11/04/2024	18:38
COMP-3	P4675-03	BE101462.D	11/04/2024	19:14
COMP-1	P4675-01	BE101463.D	11/04/2024	19:50
COMP-2	P4675-02	BE101464.D	11/04/2024	20:26
COMP-5	P4675-05	BE101465.D	11/04/2024	21:01
COMP-6	P4675-06	BE101466.D	11/04/2024	21:37
BP-F-5	P4667-05	BE101467.D	11/04/2024	22:13
BP-F-6	P4667-01	BE101468.D	11/04/2024	22:49
BP-F-10	P4667-09	BE101469.D	11/04/2024	23:25
MH-1	P4679-01	BE101470.D	11/05/2024	00:01