

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG No.: BE110724

Instrument ID: BNA_E Calibration Date/Time: 11/7/2024 1:10:50

Lab File ID: BE101524.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	0.491		5.365	
Pyridine	1.177	1.178		0.085	
2-Fluorophenol	1.131	1.147		1.415	
Benzaldehyde	0.759	0.654		-13.834	
Aniline	1.164	1.055		-9.364	
Phenol-d6	1.551	1.558		0.451	
Phenol	1.688	1.693		0.296	20.0
bis(2-Chloroethyl) ether	1.397	1.412		1.074	
2-Chlorophenol	1.340	1.332		-0.597	
1,2-Dichlorobenzene	1.455	1.429		-1.787	
1,3-Dichlorobenzene	1.463	1.440		-1.572	
1,4-Dichlorobenzene	1.482	1.463		-1.282	20.0
Benzyl Alcohol	0.906	0.954		5.298	
2-Methylphenol	1.093	1.083		-0.915	
2,2-oxybis(1-Chloropropane)	1.654	1.613		-2.479	
Acetophenone	0.453	0.463		2.208	
3+4-Methylphenols	1.515	1.493		-1.452	
n-Nitroso-di-n-propylamine	1.023	0.993	0.050	-2.933	
Nitrobenzene-d5	0.317	0.333		5.047	
Hexachloroethane	0.500	0.502		0.4	
Nitrobenzene	0.329	0.345		4.863	
Isophorone	0.616	0.622		0.974	
2-Nitrophenol	0.175	0.186		6.286	20.0
2,4-Dimethylphenol	0.203	0.209		2.956	
bis(2-Chloroethoxy) methane	0.377	0.383		1.592	
2,4-Dichlorophenol	0.288	0.291		1.042	20.0
1,2,4-Trichlorobenzene	0.321	0.319		-0.623	
Benzoic acid	0.168	0.187		11.31	
Naphthalene	1.010	1.002		-0.792	
4-Chloroaniline	0.355	0.355		0.0	
Hexachlorobutadiene	0.198	0.196		-1.01	20.0
Caprolactam	0.106	0.103		-2.83	
4-Chloro-3-methylphenol	0.314	0.307		-2.229	20.0
2-Methylnaphthalene	0.717	0.701		-2.232	
Hexachlorocyclopentadiene	0.154	0.177	0.050	14.935	
2,4,6-Trichlorophenol	0.362	0.378		4.42	20.0
2-Fluorobiphenyl	1.225	1.274		4.0	
2,4,5-Trichlorophenol	0.403	0.419		3.97	
1,1-Biphenyl	1.380	1.412		2.319	

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Lab File ID: BE101524.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	1.088	1.118		2.757	
2-Nitroaniline	0.288	0.317		10.069	
Dimethylphthalate	1.424	1.413		-0.772	
Acenaphthylene	1.622	1.639		1.048	
2,6-Dinitrotoluene	0.329	0.334		1.52	
3-Nitroaniline	0.319	0.334		4.702	
Acenaphthene	1.035	1.041		0.58	20.0
2,4-Dinitrophenol	0.193	0.197	0.050	2.073	
4-Nitrophenol	0.264	0.274	0.050	3.788	
Dibenzofuran	1.666	1.656		-0.6	
2,4-Dinitrotoluene	0.462	0.471		1.948	
Diethylphthalate	1.502	1.476		-1.731	
4-Chlorophenyl-phenylether	0.706	0.696		-1.416	
Fluorene	1.391	1.396		0.359	
4-Nitroaniline	0.344	0.361		4.942	
4,6-Dinitro-2-methylphenol	0.119	0.125		5.042	
n-Nitrosodiphenylamine	0.531	0.526		-0.942	20.0
Azobenzene	1.225	1.237		0.98	
2,4,6-Tribromophenol	0.376	0.373		-0.798	
4-Bromophenyl-phenylether	0.221	0.213		-3.62	
Hexachlorobenzene	0.290	0.283		-2.414	
Atrazine	0.157	0.170		8.28	
Pentachlorophenol	0.158	0.162		2.532	20.0
Phenanthrene	0.973	0.964		-0.925	
Anthracene	0.961	0.961		0.0	
Carbazole	0.963	0.962		-0.104	
Di-n-butylphthalate	1.190	1.193		0.252	
Fluoranthene	1.247	1.223		-1.925	20.0
Benzidine	0.430	0.376		-12.558	
Pyrene	1.138	1.165		2.373	
Terphenyl-d14	0.904	0.910		0.664	
Butylbenzylphthalate	0.511	0.521		1.957	
3,3-Dichlorobenzidine	0.468	0.468		0.0	
Benzo(a)anthracene	1.188	1.193		0.421	
Chrysene	1.129	1.117		-1.063	
Bis(2-ethylhexyl)phthalate	0.773	0.761		-1.552	
Di-n-octyl phthalate	1.308	1.301		-0.535	20.0
Benzo(b)fluoranthene	1.097	1.091		-0.547	
Benzo(k)fluoranthene	0.996	1.039		4.317	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG No.: BE110724

Instrument ID: BNA_E Calibration Date/Time: 11/7/2024 1:10:50

Lab File ID: BE101524.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	0.947	0.944		-0.317	20.0
Indeno(1,2,3-cd)pyrene	1.374	1.373		-0.073	
Dibenzo(a,h)anthracene	1.145	1.147		0.175	
Benzo(g,h,i)perylene	1.163	1.151		-1.032	
1,2,4,5-Tetrachlorobenzene	0.527	0.538		2.087	
1,4-Dioxane	0.421	0.422		0.238	20.0
2,3,4,6-Tetrachlorophenol	0.373	0.369		-1.072	
1-Methylnaphthalene	0.715	0.690		-3.497	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BE110724
Lab Sample ID:	PB164711BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101525.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BE110724
Lab Sample ID:	PB164711BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101525.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BE110724
Lab Sample ID:	PB164711BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101525.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	143.192		10-139		95	SPK: -150
13127-88-3	Phenol-d6	127.55		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	92.267		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	94.05		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BL	SDG No.:	BE110724
Lab Sample ID:	PB164711BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101525.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.065		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	91.539		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70050	7.566				
1146-65-2	Naphthalene-d8	282724	10.333				
15067-26-2	Acenaphthene-d10	172547	14.176				
1517-22-2	Phenanthrene-d10	381552	16.914				
1719-03-5	Chrysene-d12	468916	21.074				
1520-96-3	Perylene-d12	671548	23.359				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown2.684	3	J			2.684	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	17.7	A			4.781	

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BS	SDG No.:	BE110724
Lab Sample ID:	PB164711BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101526.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.4		1	8	10	ug/L
110-86-1	Pyridine	38.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	10		4	8	10	ug/L
62-53-3	Aniline	66.9		1.6	4	5	ug/L
108-95-2	Phenol	51		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.3		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	50.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50		1.6	8	10	ug/L
95-48-7	2-Methylphenol	49.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	50.2		1.4	4	5	ug/L
98-86-2	Acetophenone	48.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.6		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	48.7		1	4	5	ug/L
98-95-3	Nitrobenzene	48.5		1.3	4	5	ug/L
78-59-1	Isophorone	48		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	61.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	39.4		5.5	8	10	ug/L
91-20-3	Naphthalene	47.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BS	SDG No.:	BE110724
Lab Sample ID:	PB164711BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101526.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	240	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	53.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	52		1	4	5	ug/L
92-52-4	1,1-Biphenyl	50.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	50.2		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	54.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	49.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	53.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.1		0.81	4	5	ug/L
Total PAH	Total PAH	822.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	50.1		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	47.4		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	44.3		2.7	4	10	ug/L
84-66-2	Diethylphthalate	47.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.1		0.98	4	5	ug/L
86-73-7	Fluorene	49		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	53.8		0.89	4	5	ug/L
103-33-3	Azobenzene	50.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	50.1		1.1	4	5	ug/L
1912-24-9	Atrazine	61		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BS	SDG No.:	BE110724
Lab Sample ID:	PB164711BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101526.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	52.4		0.89	4	5	ug/L
120-12-7	Anthracene	55.4		1.1	4	5	ug/L
86-74-8	Carbazole	51.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	50		1.3	4	5	ug/L
92-87-5	Benzidine	65.2		4.1	8	10	ug/L
129-00-0	Pyrene	47.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	52.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.8		0.94	4	5	ug/L
218-01-9	Chrysene	53.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	54.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.4		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	53.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.4		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	47.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	39.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.9		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	156.004		10-139		104	SPK: -150
13127-88-3	Phenol-d6	140.108		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	99.743		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	103.364		52-132		103	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164711BS	SDG No.:	BE110724
Lab Sample ID:	PB164711BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101526.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.845		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	100.507		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61928	7.565				
1146-65-2	Naphthalene-d8	260723	10.332				
15067-26-2	Acenaphthene-d10	157194	14.175				
1517-22-2	Phenanthrene-d10	329635	16.913				
1719-03-5	Chrysene-d12	398877	21.078				
1520-96-3	Perylene-d12	597010	23.364				

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164662TB	SDG No.:	BE110724
Lab Sample ID:	PB164662TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101527.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164662TB	SDG No.:	BE110724
Lab Sample ID:	PB164662TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101527.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164662TB	SDG No.:	BE110724
Lab Sample ID:	PB164662TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101527.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	172.165		10-139		115	SPK: -150
13127-88-3	Phenol-d6	150.933		10-134		101	SPK: -150
4165-60-0	Nitrobenzene-d5	113.977		49-133		114	SPK: -100
321-60-8	2-Fluorobiphenyl	117.463		52-132		117	SPK: -100

Report of Analysis

Client:		Date Collected:	11/6/2024 12:00:00 AM
Project:		Date Received:	11/6/2024 12:00:00 AM
Client Sample ID:	PB164662TB	SDG No.:	BE110724
Lab Sample ID:	PB164662TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101527.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.857		44-137		107	SPK: -150
1718-51-0	Terphenyl-d14	110.854		48-125		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53427	7.564				
1146-65-2	Naphthalene-d8	209075	10.331				
15067-26-2	Acenaphthene-d10	125183	14.174				
1517-22-2	Phenanthrene-d10	279160	16.912				
1719-03-5	Chrysene-d12	351169	21.072				
1520-96-3	Perylene-d12	469581	23.357				

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-5RE	SDG No.:	BE110724
Lab Sample ID:	P4667-08RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101528.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-5RE	SDG No.:	BE110724
Lab Sample ID:	P4667-08RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101528.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	10/31/2024 12:00:00 AM
Project:		Date Received:	10/31/2024 12:00:00 AM
Client Sample ID:	BP-F-5RE	SDG No.:	BE110724
Lab Sample ID:	P4667-08RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101528.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	174.315		10-139		116	SPK: -150
13127-88-3	Phenol-d6	112.762		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	119.378		49-133		119	SPK: -100
321-60-8	2-Fluorobiphenyl	193.854	*	52-132		194	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-5RE	SDG No.:	BE110724
Lab Sample ID:	P4667-08RE	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101528.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	297.968	*	44-137		199	SPK: -150
1718-51-0	Terphenyl-d14	184.433	*	48-125		184	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61537		7.565			
1146-65-2	Naphthalene-d8	259466		10.326			
15067-26-2	Acenaphthene-d10	94006		14.169			
1517-22-2	Phenanthrene-d10	326983		16.907			
1719-03-5	Chrysene-d12	253445		21.067			
1520-96-3	Perylene-d12	44227		23.352			

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.:	BE110724
Lab Sample ID:	P4667-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101529.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	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.:	BE110724
Lab Sample ID:	P4667-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101529.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	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.:	BE110724
Lab Sample ID:	P4667-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101529.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	191.24		10-139		127	SPK: -150
13127-88-3	Phenol-d6	168.385		10-134		112	SPK: -150
4165-60-0	Nitrobenzene-d5	118.17		49-133		118	SPK: -100
321-60-8	2-Fluorobiphenyl	113.553		52-132		114	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.:	BE110724
Lab Sample ID:	P4667-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101529.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	178.417		44-137		119	SPK: -150
1718-51-0	Terphenyl-d14	126.986	*	48-125		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51607	7.559				
1146-65-2	Naphthalene-d8	226530	10.332				
15067-26-2	Acenaphthene-d10	141806	14.169				
1517-22-2	Phenanthrene-d10	328797	16.907				
1719-03-5	Chrysene-d12	376478	21.067				
1520-96-3	Perylene-d12	358570	23.358				

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17	SDG No.:	BE110724
Lab Sample ID:	P4711-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101530.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17	SDG No.:	BE110724
Lab Sample ID:	P4711-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101530.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17	SDG No.:	BE110724
Lab Sample ID:	P4711-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101530.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	149.517		10-139		100	SPK: -150
13127-88-3	Phenol-d6	120.545		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	104.561		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	115.897		52-132		116	SPK: -100

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17	SDG No.:	BE110724
Lab Sample ID:	P4711-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101530.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	169.501		44-137		113	SPK: -150
1718-51-0	Terphenyl-d14	124.124		48-125		124	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52015	7.559				
1146-65-2	Naphthalene-d8	217168	10.326				
15067-26-2	Acenaphthene-d10	126302	14.169				
1517-22-2	Phenanthrene-d10	320318	16.907				
1719-03-5	Chrysene-d12	355224	21.067				
1520-96-3	Perylene-d12	115918	23.352				

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-16	SDG No.:	BE110724
Lab Sample ID:	P4711-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101531.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-16	SDG No.:	BE110724
Lab Sample ID:	P4711-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101531.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-16	SDG No.:	BE110724
Lab Sample ID:	P4711-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101531.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	161.142		10-139		107	SPK: -150
13127-88-3	Phenol-d6	136.967		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	114.207		49-133		114	SPK: -100
321-60-8	2-Fluorobiphenyl	115.933		52-132		116	SPK: -100

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-16	SDG No.:	BE110724
Lab Sample ID:	P4711-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101531.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	174.521		44-137		116	SPK: -150
1718-51-0	Terphenyl-d14	118.652		48-125		119	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52408	7.561				
1146-65-2	Naphthalene-d8	218608	10.329				
15067-26-2	Acenaphthene-d10	139169	14.171				
1517-22-2	Phenanthrene-d10	325704	16.909				
1719-03-5	Chrysene-d12	415690	21.069				
1520-96-3	Perylene-d12	542611	23.355				

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.:	BE110724
Lab Sample ID:	P4680-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101532.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F25	SDG No.:	BE110724
Lab Sample ID:	P4680-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101532.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F25	SDG No.:	BE110724
Lab Sample ID:	P4680-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101532.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	171.214		10-139		114	SPK: -150
13127-88-3	Phenol-d6	150.426		10-134		100	SPK: -150
4165-60-0	Nitrobenzene-d5	111.329		49-133		111	SPK: -100
321-60-8	2-Fluorobiphenyl	114.051		52-132		114	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.:	BE110724
Lab Sample ID:	P4680-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101532.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	167.951		44-137		112	SPK: -150
1718-51-0	Terphenyl-d14	115.196		48-125		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50424	7.564				
1146-65-2	Naphthalene-d8	213877	10.331				
15067-26-2	Acenaphthene-d10	136946	14.168				
1517-22-2	Phenanthrene-d10	322849	16.906				
1719-03-5	Chrysene-d12	397180	21.066				
1520-96-3	Perylene-d12	525596	23.357				

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.:	BE110724
Lab Sample ID:	P4680-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101533.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F26	SDG No.:	BE110724
Lab Sample ID:	P4680-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101533.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	BP-F26	SDG No.:	BE110724
Lab Sample ID:	P4680-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101533.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	170.086		10-139		113	SPK: -150
13127-88-3	Phenol-d6	151.697		10-134		101	SPK: -150
4165-60-0	Nitrobenzene-d5	109.829		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	105.435		52-132		105	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.:	BE110724
Lab Sample ID:	P4680-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101533.D	1	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164561

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.161		44-137		111	SPK: -150
1718-51-0	Terphenyl-d14	114.036		48-125		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49424	7.558				
1146-65-2	Naphthalene-d8	209567	10.325				
15067-26-2	Acenaphthene-d10	136302	14.168				
1517-22-2	Phenanthrene-d10	319261	16.906				
1719-03-5	Chrysene-d12	395210	21.066				
1520-96-3	Perylene-d12	526168	23.351				

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17DL	SDG No.:	BE110724
Lab Sample ID:	P4711-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101534.D	10	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	560	U	560	1800	2100	ug/Kg
110-86-1	Pyridine	520	U	520	840	1100	ug/Kg
100-52-7	Benzaldehyde	1200	U	1200	1800	2100	ug/Kg
62-53-3	Aniline	630	U	630	840	1100	ug/Kg
108-95-2	Phenol	540	U	540	840	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	540	U	540	840	1100	ug/Kg
95-57-8	2-Chlorophenol	540	U	540	840	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	550	U	550	840	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	560	U	560	840	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	560	U	560	840	1100	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1800	2100	ug/Kg
95-48-7	2-Methylphenol	520	U	520	840	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	840	1100	ug/Kg
98-86-2	Acetophenone	560	U	560	840	1100	ug/Kg
65794-96-9	3+4-Methylphenols	520	U	520	1800	2100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	260	U	260	520	520	ug/Kg
67-72-1	Hexachloroethane	540	U	540	840	1100	ug/Kg
98-95-3	Nitrobenzene	590	U	590	840	1100	ug/Kg
78-59-1	Isophorone	550	U	550	840	1100	ug/Kg
88-75-5	2-Nitrophenol	610	U	610	840	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	600	U	600	840	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	560	U	560	840	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	840	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	550	U	550	840	1100	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1800	2100	ug/Kg
91-20-3	Naphthalene	540	U	540	840	1100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	840	1100	ug/Kg
87-68-3	Hexachlorobutadiene	540	U	540	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17DL	SDG No.:	BE110724
Lab Sample ID:	P4711-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101534.D	10	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	560	U	560	1800	2100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	500	U	500	840	1100	ug/Kg
91-57-6	2-Methylnaphthalene	530	U	530	840	1100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1800	2100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	460	U	460	840	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	840	1100	ug/Kg
92-52-4	1,1-Biphenyl	570	U	570	840	1100	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	840	1100	ug/Kg
88-74-4	2-Nitroaniline	620	U	620	840	1100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	840	1100	ug/Kg
208-96-8	Acenaphthylene	620	JD	560	840	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	540	U	540	840	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	840	1100	ug/Kg
83-32-9	Acenaphthene	940	JD	530	840	1100	ug/Kg
Total PAH	Total PAH	94960	D	8610	840	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1800	2100	ug/Kg
100-02-7	4-Nitrophenol	750	U	750	1800	2100	ug/Kg
132-64-9	Dibenzofuran	590	JD	550	840	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	840	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100	U	1100	840	2200	ug/Kg
84-66-2	Diethylphthalate	520	U	520	840	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	840	1100	ug/Kg
86-73-7	Fluorene	1300	D	550	840	1100	ug/Kg
100-01-6	4-Nitroaniline	690	U	690	840	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	760	U	760	1800	2100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	840	1100	ug/Kg
103-33-3	Azobenzene	520	U	520	840	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	840	1100	ug/Kg
118-74-1	Hexachlorobenzene	550	U	550	840	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	840	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17DL	SDG No.:	BE110724
Lab Sample ID:	P4711-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101534.D	10	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	500	U	500	1800	2100	ug/Kg
85-01-8	Phenanthrene	12400	D	540	840	1100	ug/Kg
120-12-7	Anthracene	3500	D	550	840	1100	ug/Kg
86-74-8	Carbazole	520	U	520	840	1100	ug/Kg
84-74-2	Di-n-butylphthalate	550	U	550	840	1100	ug/Kg
206-44-0	Fluoranthene	16100	D	530	840	1100	ug/Kg
92-87-5	Benzidine	1100	U	1100	1800	2100	ug/Kg
129-00-0	Pyrene	14400	D	540	840	1100	ug/Kg
85-68-7	Butylbenzylphthalate	630	U	630	840	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1800	2100	ug/Kg
56-55-3	Benzo(a)anthracene	8700	D	520	840	1100	ug/Kg
218-01-9	Chrysene	7700	D	520	840	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	590	U	590	840	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	710	U	710	1800	2100	ug/Kg
205-99-2	Benzo(b)fluoranthene	7900	D	530	840	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	D	540	840	1100	ug/Kg
50-32-8	Benzo(a)pyrene	7600	D	600	840	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3800	D	510	840	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200	D	530	840	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200	D	520	840	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	560	U	560	840	1100	ug/Kg
123-91-1	1,4-Dioxane	710	U	710	840	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480	U	480	840	1100	ug/Kg
90-12-0	1-Methylnaphthalene	540	U	540	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.47		18-112		91	SPK: -150
13127-88-3	Phenol-d6	131.48		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	81.36		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	94.53		20-109		95	SPK: -100

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	CF-613-COMP-17DL	SDG No.:	BE110724
Lab Sample ID:	P4711-06DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101534.D	10	11/5/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164680

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.06		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	110	*	10-105		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65686	7.559				
1146-65-2	Naphthalene-d8	304849	10.326				
15067-26-2	Acenaphthene-d10	203453	14.169				
1517-22-2	Phenanthrene-d10	447469	16.907				
1719-03-5	Chrysene-d12	473017	21.072				
1520-96-3	Perylene-d12	620522	23.358				

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101535.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101535.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101535.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	152.257		10-139		102	SPK: -150
13127-88-3	Phenol-d6	139.904		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	96.725		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	96.39		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G4-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101535.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.142		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	107.956		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61445	7.56				
1146-65-2	Naphthalene-d8	273059	10.328				
15067-26-2	Acenaphthene-d10	180445	14.17				
1517-22-2	Phenanthrene-d10	407677	16.908				
1719-03-5	Chrysene-d12	453182	21.068				
1520-96-3	Perylene-d12	596162	23.354				

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101536.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101536.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101536.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	177.933		10-139		119	SPK: -150
13127-88-3	Phenol-d6	159.301		10-134		106	SPK: -150
4165-60-0	Nitrobenzene-d5	116.849		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	112.88		52-132		113	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WC	SDG No.:	BE110724
Lab Sample ID:	P4693-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101536.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	173.676		44-137		116	SPK: -150
1718-51-0	Terphenyl-d14	125.426		48-125		125	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49732	7.56				
1146-65-2	Naphthalene-d8	218721	10.328				
15067-26-2	Acenaphthene-d10	146602	14.17				
1517-22-2	Phenanthrene-d10	332636	16.908				
1719-03-5	Chrysene-d12	381237	21.068				
1520-96-3	Perylene-d12	492462	23.353				

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMS	SDG No.:	BE110724
Lab Sample ID:	P4693-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101537.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	390		10.3	80	100	ug/L
110-86-1	Pyridine	290		15.5	40	50	ug/L
100-52-7	Benzaldehyde	79	J	40	80	100	ug/L
62-53-3	Aniline	230		16	40	50	ug/L
108-95-2	Phenol	430		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	370		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	430		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	310		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	300		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	300		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	480		16	80	100	ug/L
95-48-7	2-Methylphenol	460		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	400		13.5	40	50	ug/L
98-86-2	Acetophenone	410		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	430		14.8	25	25	ug/L
67-72-1	Hexachloroethane	300		10.1	40	50	ug/L
98-95-3	Nitrobenzene	410		12.7	40	50	ug/L
78-59-1	Isophorone	440		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	430		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	590		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	430		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	490		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	360		11	40	50	ug/L
65-85-0	Benzoic acid	420		54.7	80	100	ug/L
91-20-3	Naphthalene	400		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	120		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	340		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMS	SDG No.:	BE110724
Lab Sample ID:	P4693-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101537.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	320		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	500		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1500	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	510		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	470		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	460		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	480		9.3	40	50	ug/L
208-96-8	Acenaphthylene	520		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	470		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	300		13.7	40	50	ug/L
83-32-9	Acenaphthene	500		8.1	40	50	ug/L
Total PAH	Total PAH	8120		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1100	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	20	80	100	ug/L
132-64-9	Dibenzofuran	500		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	970		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	500		15.2	40	50	ug/L
84-66-2	Diethylphthalate	470		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	480		9.8	40	50	ug/L
86-73-7	Fluorene	490		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	470		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	520		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	480		8.9	40	50	ug/L
103-33-3	Azobenzene	500		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	470		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMS	SDG No.:	BE110724
Lab Sample ID:	P4693-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101537.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	520		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	500		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	490		14.7	40	50	ug/L
206-44-0	Fluoranthene	500		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	510		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	220		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	520		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	500		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	510		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	490		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	530		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	540		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	530		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	530		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	470		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	300		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	520		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.269		10-139		94	SPK: -150
13127-88-3	Phenol-d6	133.512		10-134		89	SPK: -150
4165-60-0	Nitrobenzene-d5	94.112		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	98.23		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMS	SDG No.:	BE110724
Lab Sample ID:	P4693-04MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101537.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.249		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	104.378		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58977	7.561				
1146-65-2	Naphthalene-d8	264859	10.329				
15067-26-2	Acenaphthene-d10	174734	14.171				
1517-22-2	Phenanthrene-d10	396924	16.909				
1719-03-5	Chrysene-d12	450960	21.075				
1520-96-3	Perylene-d12	581361	23.36				

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMSD	SDG No.:	BE110724
Lab Sample ID:	P4693-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101538.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	360		15.5	40	50	ug/L
100-52-7	Benzaldehyde	94.5	J	40	80	100	ug/L
62-53-3	Aniline	290		16	40	50	ug/L
108-95-2	Phenol	530		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	530		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	380		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	360		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	370		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	590		16	80	100	ug/L
95-48-7	2-Methylphenol	580		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	490		13.5	40	50	ug/L
98-86-2	Acetophenone	510		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	570		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	520		14.8	25	25	ug/L
67-72-1	Hexachloroethane	360		10.1	40	50	ug/L
98-95-3	Nitrobenzene	500		12.7	40	50	ug/L
78-59-1	Isophorone	560		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	530		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	720		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	600		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	440		11	40	50	ug/L
65-85-0	Benzoic acid	510		54.7	80	100	ug/L
91-20-3	Naphthalene	480		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	150		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMSD	SDG No.:	BE110724
Lab Sample ID:	P4693-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101538.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	400		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	600		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	530		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1900	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	630		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	630		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	580		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	560		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	660		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	600		9.3	40	50	ug/L
208-96-8	Acenaphthylene	640		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	570		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	350		13.7	40	50	ug/L
83-32-9	Acenaphthene	610		8.1	40	50	ug/L
Total PAH	Total PAH	9990		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1300	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1300	E	20	80	100	ug/L
132-64-9	Dibenzofuran	600		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	170		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	600		15.2	40	50	ug/L
84-66-2	Diethylphthalate	580		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	590		9.8	40	50	ug/L
86-73-7	Fluorene	600		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	570		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	650		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	600		8.9	40	50	ug/L
103-33-3	Azobenzene	620		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	600		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	600		11.4	40	50	ug/L
1912-24-9	Atrazine	530		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMSD	SDG No.:	BE110724
Lab Sample ID:	P4693-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101538.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	640		8.9	40	50	ug/L
120-12-7	Anthracene	670		10.7	40	50	ug/L
86-74-8	Carbazole	620		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	610		14.7	40	50	ug/L
206-44-0	Fluoranthene	620		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	620		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	620		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	260		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	640		9.4	40	50	ug/L
218-01-9	Chrysene	640		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	610		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	630		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	600		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	680		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	670		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	650		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	650		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	580		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	370		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	630		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	500		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	172.634		10-139		115	SPK: -150
13127-88-3	Phenol-d6	163.389		10-134		109	SPK: -150
4165-60-0	Nitrobenzene-d5	116.806		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	120.584		52-132		121	SPK: -100

Report of Analysis

Client:		Date Collected:	11/2/2024 12:00:00 AM
Project:		Date Received:	11/2/2024 12:00:00 AM
Client Sample ID:	BP-G5-WCMSD	SDG No.:	BE110724
Lab Sample ID:	P4693-04MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101538.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.099		44-137		119	SPK: -150
1718-51-0	Terphenyl-d14	125.816	*	48-125		126	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50981	7.558				
1146-65-2	Naphthalene-d8	226622	10.331				
15067-26-2	Acenaphthene-d10	149355	14.173				
1517-22-2	Phenanthrene-d10	334021	16.911				
1719-03-5	Chrysene-d12	392889	21.071				
1520-96-3	Perylene-d12	504648	23.357				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	BAYAVE-STOCKPILE	SDG No.:	BE110724
Lab Sample ID:	P4719-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101539.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

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

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	BAYAVE-STOCKPILE	SDG No.:	BE110724
Lab Sample ID:	P4719-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101539.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

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

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	BAYAVE-STOCKPILE	SDG No.:	BE110724
Lab Sample ID:	P4719-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101539.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	162.544		10-139		108	SPK: -150
13127-88-3	Phenol-d6	137.809		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	109.793		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	109.966		52-132		110	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	BAYAVE-STOCKPILE	SDG No.:	BE110724
Lab Sample ID:	P4719-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101539.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.947		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	117.529		48-125		118	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51355	7.558				
1146-65-2	Naphthalene-d8	221433	10.325				
15067-26-2	Acenaphthene-d10	142180	14.168				
1517-22-2	Phenanthrene-d10	339141	16.906				
1719-03-5	Chrysene-d12	387559	21.066				
1520-96-3	Perylene-d12	327530	23.351				

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01	SDG No.:	BE110724
Lab Sample ID:	P4720-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101540.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

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

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01	SDG No.:	BE110724
Lab Sample ID:	P4720-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101540.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

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

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01	SDG No.:	BE110724
Lab Sample ID:	P4720-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101540.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	179.184		10-139		119	SPK: -150
13127-88-3	Phenol-d6	160.946		10-134		107	SPK: -150
4165-60-0	Nitrobenzene-d5	113.876		49-133		114	SPK: -100
321-60-8	2-Fluorobiphenyl	107.609		52-132		108	SPK: -100

Report of Analysis

Client:		Date Collected:	11/5/2024 12:00:00 AM
Project:		Date Received:	11/5/2024 12:00:00 AM
Client Sample ID:	JC-701-COMP-01	SDG No.:	BE110724
Lab Sample ID:	P4720-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101540.D	1	11/7/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	164.857		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	114.135		48-125		114	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49415	7.557				
1146-65-2	Naphthalene-d8	214151	10.331				
15067-26-2	Acenaphthene-d10	143748	14.167				
1517-22-2	Phenanthrene-d10	331300	16.905				
1719-03-5	Chrysene-d12	408509	21.065				
1520-96-3	Perylene-d12	515447	23.351				

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:	Z-01	SDG No.:	BE110724
Lab Sample ID:	P4695-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101541.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	Z-01	SDG No.:	BE110724
Lab Sample ID:	P4695-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101541.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/1/2024 12:00:00 AM
Project:		Date Received:	11/1/2024 12:00:00 AM
Client Sample ID:	Z-01	SDG No.:	BE110724
Lab Sample ID:	P4695-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101541.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.632		10-139		94	SPK: -150
13127-88-3	Phenol-d6	124.346		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	95.18		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	92.894		52-132		93	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:	Z-01	SDG No.:	BE110724
Lab Sample ID:	P4695-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101541.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.133		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	108.156		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56972	7.559				
1146-65-2	Naphthalene-d8	247568	10.326				
15067-26-2	Acenaphthene-d10	167071	14.169				
1517-22-2	Phenanthrene-d10	382642	16.907				
1719-03-5	Chrysene-d12	436296	21.066				
1520-96-3	Perylene-d12	568971	23.352				

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	BP-F3	SDG No.:	BE110724
Lab Sample ID:	P4701-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101542.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	BP-F3	SDG No.:	BE110724
Lab Sample ID:	P4701-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101542.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

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

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	BP-F3	SDG No.:	BE110724
Lab Sample ID:	P4701-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101542.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	161.917		10-139		108	SPK: -150
13127-88-3	Phenol-d6	128.218		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	108.237		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	127.739		52-132		128	SPK: -100

Report of Analysis

Client:		Date Collected:	11/4/2024 12:00:00 AM
Project:		Date Received:	11/4/2024 12:00:00 AM
Client Sample ID:	BP-F3	SDG No.:	BE110724
Lab Sample ID:	P4701-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BE101542.D	1	11/6/2024 12:00:00 AM	11/7/2024 12:00:00 AM	PB164711

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	193.589		44-137		129	SPK: -150
1718-51-0	Terphenyl-d14	129.227	*	48-125		129	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	51824	7.56				
1146-65-2	Naphthalene-d8	225065	10.328				
15067-26-2	Acenaphthene-d10	122500	14.17				
1517-22-2	Phenanthrene-d10	344504	16.908				
1719-03-5	Chrysene-d12	355667	21.068				
1520-96-3	Perylene-d12	161085	23.348				



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

Hit Summary Sheet SW-846

SDG No.: BE110724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : CF-613-COMP-17DL								
P4711-06DL	CF-613-COMP-17DL	Solid	Acenaphthene	940.000	JD	530	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Acenaphthylene	620.000	JD	560	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Anthracene	3,500.000	D	550	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Benzo(a)anthracene	8,700.000	D	520	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Benzo(a)pyrene	7,600.000	D	600	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Benzo(b)fluoranthene	7,900.000	D	530	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Benzo(g,h,i)perylene	4,200.000	D	520	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Benzo(k)fluoranthene	4,600.000	D	540	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Chrysene	7,700.000	D	520	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Dibenzo(a,h)anthracene	1,200.000	D	530	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Dibenzofuran	590.000	JD	550	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Fluoranthene	16,100.000	D	530	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Fluorene	1,300.000	D	550	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Indeno(1,2,3-cd)pyrene	3,800.000	D	510	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Phenanthrene	12,400.000	D	540	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Pyrene	14,400.000	D	540	1100	ug/Kg
P4711-06DL	CF-613-COMP-17DL	Solid	Total PAH	94,960.000	D	8610	17600	ug/Kg
Total Svoc :				190,510.00				
Total Concentration:				190,510.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BE110624 SAS No.: BE110624 SDG No.: BE110624

Instrument ID: _____ Calibration Date(s): 11/6/2024 : _____

Calibration Time(s): 13:51 _____

LAB FILE ID:		RRF2.5 = BE101493.D		RRF005 = BE101494.D		RRF010 = BE101495.D		
		RRF020 = BE101496.D		RRF040 = BE101497.D		RRF050 = BE101498.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.509	0.465	0.446	0.445	0.461	0.466	4.6
Pyridine		1.154	1.183	1.143	1.154	1.192	1.177	2.5
2-Fluorophenol		1.161	1.135	1.120	1.101	1.114	1.131	2.0
Benzaldehyde		0.902	0.930	0.875	0.767	0.654	0.759	19.8
Aniline		1.323	1.251	1.316	1.368	1.026	1.164	17.5
Phenol-d6		1.494	1.525	1.558	1.540	1.571	1.551	2.5
Phenol		1.646	1.682	1.702	1.664	1.709	1.688	2.5
bis(2-Chloroethyl)ether		1.362	1.474	1.392	1.165	1.446	1.397	8.0
2-Chlorophenol		1.339	1.343	1.359	1.316	1.336	1.340	1.3
1,2-Dichlorobenzene		1.559	1.496	1.481	1.418	1.416	1.455	4.2
1,3-Dichlorobenzene		1.573	1.526	1.491	1.424	1.410	1.463	4.7
1,4-Dichlorobenzene		1.565	1.543	1.508	1.444	1.437	1.482	3.9
Benzyl Alcohol		0.791	0.861	0.910	0.919	0.958	0.906	6.9
2-Methylphenol		1.015	1.041	1.073	1.113	1.123	1.093	4.8
2,2-oxybis(1-Chloropropane)		1.733	1.690	1.700	1.628	1.625	1.654	3.4
Acetophenone		0.462	0.460	0.461	0.443	0.447	0.453	1.9
3+4-Methylphenols		1.376	1.483	1.529	1.524	1.558	1.515	4.7
n-Nitroso-di-n-propylamine	0.958	0.996	1.040	1.058	1.027	1.046	1.023	3.5
Nitrobenzene-d5		0.313	0.316	0.318	0.312	0.318	0.317	1.5
Hexachloroethane		0.524	0.509	0.507	0.484	0.494	0.500	3.0
Nitrobenzene		0.325	0.329	0.330	0.324	0.329	0.329	1.4
Isophorone		0.599	0.619	0.632	0.611	0.618	0.616	2.0
2-Nitrophenol		0.159	0.167	0.175	0.174	0.182	0.175	5.4
2,4-Dimethylphenol		0.196	0.199	0.204	0.198	0.205	0.203	2.8
bis(2-Chloroethoxy)methane		0.376	0.383	0.386	0.371	0.375	0.377	1.7
2,4-Dichlorophenol		0.275	0.279	0.289	0.283	0.294	0.288	3.4
1,2,4-Trichlorobenzene		0.344	0.326	0.323	0.311	0.313	0.321	3.6
Benzoic acid			0.112	0.137	0.166	0.191	0.168	22.2
Naphthalene		1.071	1.033	1.027	0.983	0.983	1.010	3.6
4-Chloroaniline		0.342	0.364	0.371	0.358	0.356	0.355	3.7
Hexachlorobutadiene		0.209	0.198	0.202	0.192	0.195	0.198	3.0
Caprolactam		0.097	0.107	0.107	0.107	0.106	0.106	4.1
4-Chloro-3-methylphenol		0.293	0.318	0.316	0.312	0.318	0.314	3.3
2-Methylnaphthalene		0.744	0.733	0.733	0.706	0.705	0.717	2.9
Hexachlorocyclopentadiene		0.106	0.128	0.153	0.167	0.175	0.154	17.7
2,4,6-Trichlorophenol		0.358	0.352	0.360	0.358	0.361	0.362	2.2

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE110624

SAS No.: BE110624

SDG No.: BE110624

Instrument ID: _____

Calibration Date(s): 11/6/2024 : _____

Calibration Time(s): 13:51 _____

LAB FILE ID:		RRF2.5 = BE101493.D			RRF005 = BE101494.D		RRF010 = BE101495.D	
		RRF020 = BE101496.D			RRF040 = BE101497.D		RRF050 = BE101498.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.353	1.295	1.299	1.204	1.160	1.225	7.5
2,4,5-Trichlorophenol		0.390	0.381	0.402	0.400	0.411	0.403	3.7
1,1-Biphenyl		1.451	1.416	1.424	1.336	1.344	1.380	3.7
2-Chloronaphthalene		1.124	1.104	1.115	1.060	1.065	1.088	2.5
2-Nitroaniline		0.248	0.273	0.292	0.288	0.300	0.288	7.4
Dimethylphthalate		1.500	1.479	1.478	1.389	1.368	1.424	4.2
Acenaphthylene		1.664	1.660	1.661	1.584	1.586	1.622	2.6
2,6-Dinitrotoluene		0.316	0.330	0.336	0.324	0.327	0.329	2.2
3-Nitroaniline		0.282	0.320	0.335	0.328	0.323	0.319	5.7
Acenaphthene		1.116	1.075	1.080	1.007	0.996	1.035	5.4
2,4-Dinitrophenol			0.139	0.178	0.194	0.208	0.193	15.8
4-Nitrophenol		0.197	0.235	0.278	0.275	0.274	0.264	13.3
Dibenzofuran		1.799	1.736	1.724	1.615	1.591	1.666	5.2
2,4-Dinitrotoluene		0.426	0.456	0.480	0.460	0.463	0.462	4.0
Diethylphthalate		1.600	1.579	1.577	1.457	1.442	1.502	5.4
4-Chlorophenyl-phenylether		0.757	0.736	0.733	0.689	0.680	0.706	5.1
Fluorene		1.490	1.475	1.458	1.363	1.328	1.391	6.0
4-Nitroaniline		0.285	0.334	0.359	0.349	0.355	0.344	8.1
4,6-Dinitro-2-methylphenol		0.084	0.104	0.117	0.123	0.131	0.119	16.0
n-Nitrosodiphenylamine		0.550	0.534	0.545	0.519	0.526	0.531	2.7
Azobenzene		1.283	1.269	1.289	1.196	1.183	1.225	4.4
2,4,6-Tribromophenol		0.388	0.391	0.391	0.369	0.364	0.376	3.6
4-Bromophenyl-phenylether		0.226	0.218	0.221	0.214	0.221	0.221	1.9
Hexachlorobenzene		0.301	0.290	0.295	0.282	0.287	0.290	2.3
Atrazine		0.202	0.187	0.151	0.171	0.121	0.157	19.7
Pentachlorophenol		0.129	0.139	0.155	0.162	0.167	0.158	11.4
Phenanthrene		1.067	1.000	1.016	0.942	0.936	0.973	5.9
Anthracene		1.030	0.985	0.998	0.943	0.932	0.961	4.9
Carbazole		1.030	1.003	1.001	0.940	0.924	0.963	5.0
Di-n-butylphthalate		1.312	1.269	1.261	1.170	1.128	1.190	7.7
Fluoranthene		1.442	1.353	1.316	1.208	1.157	1.247	10.0
Benzidine		0.324	0.433	0.250	0.403	0.656	0.430	30.2
Pyrene		1.201	1.158	1.199	1.130	1.125	1.138	4.9
Terphenyl-d14		1.065	1.023	1.028	0.902	0.819	0.904	15.4
Butylbenzylphthalate		0.541	0.522	0.531	0.507	0.500	0.511	4.3
3,3-Dichlorobenzidine		0.466	0.474	0.480	0.469	0.478	0.468	2.9

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BE110624 SAS No.: BE110624 SDG No.: BE110624
Instrument ID: _____ Calibration Date(s): 11/6/2024 : _____
Calibration Time(s): 13:51 _____

LAB FILE ID:		RRF2.5 = BE101493.D			RRF005 = BE101494.D		RRF010 = BE101495.D	
		RRF020 = BE101496.D			RRF040 = BE101497.D		RRF050 = BE101498.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.334	1.258	1.258	1.170	1.138	1.188	8.5
Chrysene		1.261	1.215	1.207	1.116	1.074	1.129	9.1
Bis(2-ethylhexyl)phthalate		0.857	0.816	0.822	0.760	0.738	0.773	7.8
Di-n-octyl phthalate		1.510	1.430	1.383	1.284	1.226	1.308	10.6
Benzo(b)fluoranthene		1.220	1.158	1.107	1.056	1.053	1.097	6.5
Benzo(k)fluoranthene		1.119	1.045	1.080	0.977	0.966	0.996	9.2
Benzo(a)pyrene		1.023	0.974	0.977	0.926	0.923	0.947	5.0
Indeno(1,2,3-cd)pyrene		1.480	1.394	1.411	1.347	1.342	1.374	4.4
Dibenzo(a,h)anthracene		1.250	1.169	1.189	1.128	1.111	1.145	5.7
Benzo(g,h,i)perylene		1.239	1.164	1.182	1.133	1.148	1.163	3.5
1,2,4,5-Tetrachlorobenzene		0.546	0.518	0.535	0.513	0.519	0.527	2.2
1,4-Dioxane		0.495	0.458	0.438	0.406	0.378	0.421	10.5
2,3,4,6-Tetrachlorophenol		0.379	0.366	0.377	0.369	0.370	0.373	1.5
1-Methylnaphthalene		0.752	0.738	0.734	0.696	0.697	0.715	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101497.D Time Analyzed: 11:26

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	65428	7.563	303330	10.33	215457	14.17
	UPPER LIMIT	130856	8.063	606660	10.831	430914	14.673
	LOWER LIMIT	32714	7.063	151665	9.831	107728.5	13.673
	EPA SAMPLE NO.						
01	PB164711BL	70050	7.57	282724	10.33	172547	14.18
02	PB164711BS	61928	7.57	260723	10.33	157194	14.18
03	PB164662TB	53427	7.56	209075	10.33	125183	14.17
04	BP-F-5RE	61537	7.57	259466	10.33	94006 *	14.17
05	BP-F-10	51607	7.56	226530	10.33	141806	14.17
06	CF-613-COMP-17	52015	7.56	217168	10.33	126302	14.17
07	CF-613-COMP-16	52408	7.56	218608	10.33	139169	14.17
08	BP-F25	50424	7.56	213877	10.33	136946	14.17
09	BP-F26	49424	7.56	209567	10.33	136302	14.17
10	CF-613-COMP-17DL	65686	7.56	304849	10.33	203453	14.17
11	BP-G4-WC	61445	7.56	273059	10.33	180445	14.17
12	BP-G5-WC	49732	7.56	218721	10.33	146602	14.17
13	BP-G5-WCMS	58977	7.56	264859	10.33	174734	14.17
14	BP-G5-WCMSD	50981	7.56	226622	10.33	149355	14.17
15	BAYAVE-STOCKPILE	51355	7.56	221433	10.33	142180	14.17
16	JC-701-COMP-01	49415	7.56	214151	10.33	143748	14.17
17	Z-01	56972	7.56	247568	10.33	167071	14.17
18	BP-F3	51824	7.56	225065	10.33	122500	14.17

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101497.D Time Analyzed: 21:38

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	65428	7.563	303330	10.33	215457	14.17
UPPER LIMIT	130856	8.063	606660	10.831	430914	14.673
LOWER LIMIT	32714	7.063	151665	9.831	107728.5	13.673
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.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101524.D Time Analyzed: 11:26

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	81801	7.566	348577	10.33	227580	14.18
	UPPER LIMIT	163602	8.066	697154	10.833	455160	14.682
	LOWER LIMIT	40900.5	7.066	174288.5	9.833	113790	13.682
	EPA SAMPLE NO.						
01	PB164711BL	70050	7.57	282724	10.33	172547	14.18
02	PB164711BS	61928	7.57	260723	10.33	157194	14.18
03	PB164662TB	53427	7.56	209075	10.33	125183	14.17
04	BP-F-5RE	61537	7.57	259466	10.33	94006 *	14.17
05	BP-F-10	51607	7.56	226530	10.33	141806	14.17
06	CF-613-COMP-17	52015	7.56	217168	10.33	126302	14.17
07	CF-613-COMP-16	52408	7.56	218608	10.33	139169	14.17
08	BP-F25	50424	7.56	213877	10.33	136946	14.17
09	BP-F26	49424	7.56	209567	10.33	136302	14.17
10	CF-613-COMP-17DL	65686	7.56	304849	10.33	203453	14.17
11	BP-G4-WC	61445	7.56	273059	10.33	180445	14.17
12	BP-G5-WC	49732	7.56	218721	10.33	146602	14.17
13	BP-G5-WCMS	58977	7.56	264859	10.33	174734	14.17
14	BP-G5-WCMSD	50981	7.56	226622	10.33	149355	14.17
15	BAYAVE-STOCKPILE	51355	7.56	221433	10.33	142180	14.17
16	JC-701-COMP-01	49415	7.56	214151	10.33	143748	14.17
17	Z-01	56972	7.56	247568	10.33	167071	14.17
18	BP-F3	51824	7.56	225065	10.33	122500	14.17

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101524.D Time Analyzed: 21:38

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	81801	7.566	348577	10.33	227580	14.18
UPPER LIMIT	163602	8.066	697154	10.833	455160	14.682
LOWER LIMIT	40900.5	7.066	174288.5	9.833	113790	13.682
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.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101497.D Time Analyzed: 11:26

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	491742	16.911	550275	21.077	716867	23.357
	UPPER LIMIT	983484	17.411	1100550	21.577	1433734	23.857
	LOWER LIMIT	245871	16.411	275137.5	20.577	358433.5	22.857
	EPA SAMPLE NO.						
01	PB164711BL	381552	16.91	468916	21.07	671548	23.36
02	PB164711BS	329635	16.91	398877	21.08	597010	23.36
03	PB164662TB	279160	16.91	351169	21.07	469581	23.36
04	BP-F-5RE	326983	16.91	253445 *	21.07	44227 *	23.35
05	BP-F-10	328797	16.91	376478	21.07	358570	23.36
06	CF-613-COMP-17	320318	16.91	355224	21.07	115918 *	23.35
07	CF-613-COMP-16	325704	16.91	415690	21.07	542611	23.36
08	BP-F25	322849	16.91	397180	21.07	525596	23.36
09	BP-F26	319261	16.91	395210	21.07	526168	23.35
10	CF-613-COMP-17DL	447469	16.91	473017	21.07	620522	23.36
11	BP-G4-WC	407677	16.91	453182	21.07	596162	23.35
12	BP-G5-WC	332636	16.91	381237	21.07	492462	23.35
13	BP-G5-WCMS	396924	16.91	450960	21.08	581361	23.36
14	BP-G5-WCMSD	334021	16.91	392889	21.07	504648	23.36
15	BAYAVE-STOCKPILE	339141	16.91	387559	21.07	327530 *	23.35
16	JC-701-COMP-01	331300	16.91	408509	21.07	515447	23.35
17	Z-01	382642	16.91	436296	21.07	568971	23.35
18	BP-F3	344504	16.91	355667	21.07	161085 *	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101497.D Time Analyzed: 21:38

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	491742	16.911	550275	21.077	716867	23.357
UPPER LIMIT	983484	17.411	1100550	21.577	1433734	23.857
LOWER LIMIT	245871	16.411	275137.5	20.577	358433.5	22.857
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.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101524.D Time Analyzed: 11:26

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	516759	16.92	572036	21.08	735595	23.371
	UPPER LIMIT	1033518	17.42	1144072	21.58	1471190	23.871
	LOWER LIMIT	258379.5	16.42	286018	20.58	367797.5	22.871
	EPA SAMPLE NO.						
01	PB164711BL	381552	16.91	468916	21.07	671548	23.36
02	PB164711BS	329635	16.91	398877	21.08	597010	23.36
03	PB164662TB	279160	16.91	351169	21.07	469581	23.36
04	BP-F-5RE	326983	16.91	253445 *	21.07	44227 *	23.35
05	BP-F-10	328797	16.91	376478	21.07	358570 *	23.36
06	CF-613-COMP-17	320318	16.91	355224	21.07	115918 *	23.35
07	CF-613-COMP-16	325704	16.91	415690	21.07	542611	23.36
08	BP-F25	322849	16.91	397180	21.07	525596	23.36
09	BP-F26	319261	16.91	395210	21.07	526168	23.35
10	CF-613-COMP-17DL	447469	16.91	473017	21.07	620522	23.36
11	BP-G4-WC	407677	16.91	453182	21.07	596162	23.35
12	BP-G5-WC	332636	16.91	381237	21.07	492462	23.35
13	BP-G5-WCMS	396924	16.91	450960	21.08	581361	23.36
14	BP-G5-WCMSD	334021	16.91	392889	21.07	504648	23.36
15	BAYAVE-STOCKPILE	339141	16.91	387559	21.07	327530 *	23.35
16	JC-701-COMP-01	331300	16.91	408509	21.07	515447	23.35
17	Z-01	382642	16.91	436296	21.07	568971	23.35
18	BP-F3	344504	16.91	355667	21.07	161085 *	23.35

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BE110724 SAS No.: BE110724 SDG NO.: BE110724

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 7 2024 12:00AM

Lab File ID: BE101524.D Time Analyzed: 21:38

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	516759	16.92	572036	21.08	735595	23.371
UPPER LIMIT	1033518	17.42	1144072	21.58	1471190	23.871
LOWER LIMIT	258379.5	16.42	286018	20.58	367797.5	22.871
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.: BE110724

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB164711BS	n-Nitrosodimethylamine	50	51.4	ug/L	103				55	108	
	Pyridine	50	38.9	ug/L	78				29	97	
	Benzaldehyde	50	10	ug/L	20				10	162	
	Aniline	50	66.9	ug/L	134		*		10	130	
	Phenol	50	51	ug/L	102				66	118	
	bis(2-Chloroethyl)ether	50	39.3	ug/L	79				62	103	
	2-Chlorophenol	50	50.3	ug/L	101				70	117	
	1,2-Dichlorobenzene	50	47.2	ug/L	94				72	102	
	1,3-Dichlorobenzene	50	46.8	ug/L	94				71	103	
	1,4-Dichlorobenzene	50	47.8	ug/L	96				76	103	
	Benzyl Alcohol	50	50	ug/L	100		*		36	93	
	2-Methylphenol	50	49.5	ug/L	99				69	109	
	2,2-oxybis(1-Chloropropane)	50	50.2	ug/L	100				65	100	
	Acetophenone	50	48.8	ug/L	98				60	104	
	3+4-Methylphenols	50	47.6	ug/L	95				67	106	
	N-Nitroso-di-n-propylamine	50	45.6	ug/L	91				57	107	
	Hexachloroethane	50	48.7	ug/L	97				76	118	
	Nitrobenzene	50	48.5	ug/L	97				58	106	
	Isophorone	50	48	ug/L	96				61	102	
	2-Nitrophenol	50	51.2	ug/L	102				70	115	
	2,4-Dimethylphenol	50	61.8	ug/L	124				42	142	
	bis(2-Chloroethoxy)methane	50	48.4	ug/L	97				58	109	
	2,4-Dichlorophenol	50	50.9	ug/L	102				66	115	
	1,2,4-Trichlorobenzene	50	46.5	ug/L	93				41	115	
	Benzoic acid	50	39.4	ug/L	79				10	125	
	Naphthalene	50	47.9	ug/L	96				64	107	
	4-Chloroaniline	50	28.2	ug/L	56				10	85	
	Hexachlorobutadiene	50	48.5	ug/L	97				69	101	
	Caprolactam	50	43.1	ug/L	86				58	128	
	4-Chloro-3-methylphenol	50	45.6	ug/L	91				65	114	
	2-Methylnaphthalene	50	46.4	ug/L	93				64	107	
	Hexachlorocyclopentadiene	100	240	ug/L	240		*		36	160	
	2,4,6-Trichlorophenol	50	53.7	ug/L	107				61	110	
	2,4,5-Trichlorophenol	50	52	ug/L	104				70	106	
	1,1-Biphenyl	50	50.7	ug/L	101		*		72	98	
	2-Chloronaphthalene	50	50.2	ug/L	100				59	106	
	2-Nitroaniline	50	54.1	ug/L	108				73	114	
	Dimethylphthalate	50	49.2	ug/L	98				64	103	
	Acenaphthylene	50	53.8	ug/L	108		*		79	103	
	2,6-Dinitrotoluene	50	46.9	ug/L	94				64	110	
	3-Nitroaniline	50	34.4	ug/L	69				28	100	
	Acenaphthene	50	51.1	ug/L	102				59	113	
	Total PAH	800	822.9	ug/L	103				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164711BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	50.1	ug/L	100				65	106	
	2,4-Dinitrotoluene	50	47.4	ug/L	95				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	94.3	ug/L	94				60	115	
	Diethylphthalate	50	47.7	ug/L	95				63	105	
	4-Chlorophenyl-phenylether	50	48.1	ug/L	96				61	104	
	Fluorene	50	49	ug/L	98				64	107	
	4-Nitroaniline	50	48.2	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50	55.1	ug/L	110				62	132	
	N-Nitrosodiphenylamine	50	53.8	ug/L	108				61	109	
	Azobenzene	50	50.3	ug/L	101				59	106	
	4-Bromophenyl-phenylether	50	51	ug/L	102				73	103	
	Hexachlorobenzene	50	50.1	ug/L	100				73	106	
	Atrazine	50	61	ug/L	122		*		76	120	
	Pentachlorophenol	100	110	ug/L	110				47	114	
	Phenanthrene	50	52.4	ug/L	105				62	109	
	Anthracene	50	55.4	ug/L	111		*		65	110	
	Carbazole	50	51.1	ug/L	102				62	106	
	Di-n-butylphthalate	50	51.6	ug/L	103				64	106	
	Fluoranthene	50	50	ug/L	100				64	110	
	Benzidine	100	65.2	ug/L	65				10	94	
	Pyrene	50	47.9	ug/L	96				71	103	
	Butylbenzylphthalate	50	48.5	ug/L	97				61	105	
	3,3-Dichlorobenzidine	50	52.5	ug/L	105				43	108	
	Benzo(a)anthracene	50	52.8	ug/L	106				62	107	
	Chrysene	50	53.3	ug/L	107				61	108	
	bis(2-Ethylhexyl)phthalate	50	48.2	ug/L	96				59	110	
	Di-n-octyl phthalate	50	54.3	ug/L	109				52	139	
	Benzo(b)fluoranthene	50	47.4	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	53.4	ug/L	107		*		77	105	
	Benzo(a)pyrene	50	54.4	ug/L	109				72	131	
	Indeno(1,2,3-cd)pyrene	50	53.4	ug/L	107		*		72	105	
	Dibenz(a,h)anthracene	50	52.9	ug/L	106				78	115	
	Benzo(g,h,i)perylene	50	47.8	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	52	ug/L	104		*		72	101	
	1,4-Dioxane	50	39.8	ug/L	80				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.2	ug/L	100				63	116	
	1-Methylnaphthalene	50	42.9	ug/L	86				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-F25

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE110724

SAS No.: BE110724 SDG NO.: BE110724

Lab File ID: BE101532.D

Lab Sample ID: P4680-08

Instrument ID: BNA_E

Date Extracted: 11/05/2024

Matrix: (soil/water) water

Date Analyzed: 11/07/2024

Level: (low/med) LOW

Time Analyzed: 15:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-F25	P4680-08	BE101532.D	11/07/2024
BP-F26	P4680-04	BE101533.D	11/07/2024
BP-F-10	P4667-12	BE101529.D	11/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164711BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE110724

SAS No.: BE110724 SDG NO.: BE110724

Lab File ID: BE101525.D

Lab Sample ID: PB164711BL

Instrument ID: BNA_E

Date Extracted: 11/06/2024

Matrix: (soil/water) water

Date Analyzed: 11/07/2024

Level: (low/med) LOW

Time Analyzed: 11:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164711BS	PB164711BS	BE101526.D	11/07/2024
PB164662TB	PB164662TB	BE101527.D	11/07/2024
CF-613-COMP-17	P4711-10	BE101530.D	11/07/2024
CF-613-COMP-16	P4711-05	BE101531.D	11/07/2024
Z-01	P4695-04	BE101541.D	11/07/2024
BP-F3	P4701-04	BE101542.D	11/07/2024
BP-G4-WC	P4693-08	BE101535.D	11/07/2024
BP-G5-WC	P4693-04	BE101536.D	11/07/2024
BP-G5-WCMS	P4693-04MS	BE101537.D	11/07/2024
BP-G5-WCMSD	P4693-04MSD	BE101538.D	11/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BAYAVE-STOCKPILE

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BE110724

SAS No.: BE110724 SDG NO.: BE110724

Lab File ID: BE101539.D

Lab Sample ID: P4719-03

Instrument ID: BNA_E

Date Extracted: 11/07/2024

Matrix: (soil/water) water

Date Analyzed: 11/07/2024

Level: (low/med) LOW

Time Analyzed: 19:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BAYAVE-STOCKPILE	P4719-03	BE101539.D	11/07/2024
JC-701-COMP-01	P4720-05	BE101540.D	11/07/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4693-04MS		Client Sample ID: BP-G5-WCMS		DataFile: BE101537.D							
n-Nitrosodimethylamine	500		390	ug/L	78				10	130	
Pyridine	500		290	ug/L	58				10	109	
Benzaldehyde	500		79	ug/L	16				10	137	
Aniline	500		230	ug/L	46				10	130	
Phenol	500		430	ug/L	86				10	130	
bis(2-Chloroethyl)ether	500		370	ug/L	74				29	141	
2-Chlorophenol	500		430	ug/L	86				23	127	
1,2-Dichlorobenzene	500		310	ug/L	62				61	114	
1,3-Dichlorobenzene	500		300	ug/L	60	*			65	106	
1,4-Dichlorobenzene	500		300	ug/L	60				55	125	
Benzyl Alcohol	500		480	ug/L	96	*			31	94	
2-Methylphenol	500		460	ug/L	92				37	126	
2,2-oxybis(1-Chloropropane)	500		400	ug/L	80				36	141	
Acetophenone	500		410	ug/L	82				31	164	
3+4-Methylphenols	500		470	ug/L	94				31	127	
N-Nitroso-di-n-propylamine	500		430	ug/L	86				36	147	
Hexachloroethane	500		300	ug/L	60				49	110	
Nitrobenzene	500		410	ug/L	82				62	112	
Isophorone	500		440	ug/L	88				39	146	
2-Nitrophenol	500		430	ug/L	86				30	148	
2,4-Dimethylphenol	500		590	ug/L	118				17	143	
bis(2-Chloroethoxy)methane	500		430	ug/L	86				39	143	
2,4-Dichlorophenol	500		490	ug/L	98				22	146	
1,2,4-Trichlorobenzene	500		360	ug/L	72				66	110	
Benzoic acid	500		420	ug/L	84				10	101	
Naphthalene	500		400	ug/L	80				17	157	
4-Chloroaniline	500		120	ug/L	24				10	95	
Hexachlorobutadiene	500		340	ug/L	68				52	125	
Caprolactam	500		320	ug/L	64				10	130	
4-Chloro-3-methylphenol	500		500	ug/L	100				17	148	
2-Methylnaphthalene	500		440	ug/L	88				38	146	
Hexachlorocyclopentadiene	1000		1500	ug/L	150				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				78	112	
2,4,5-Trichlorophenol	500		510	ug/L	102				71	111	
1,1-Biphenyl	500		470	ug/L	94				38	154	
2-Chloronaphthalene	500		460	ug/L	92				41	145	
2-Nitroaniline	500		540	ug/L	108				39	151	
Dimethylphthalate	500		480	ug/L	96				42	147	
Acenaphthylene	500		520	ug/L	104				40	141	
2,6-Dinitrotoluene	500		470	ug/L	94				43	148	
3-Nitroaniline	500		300	ug/L	60				10	111	
Acenaphthene	500		500	ug/L	100				37	146	
Total PAH	8000		8120	ug/L	102				37	146	
2,4-Dinitrophenol	1000		1100	ug/L	110				14	167	
4-Nitrophenol	1000		1100	ug/L	110				10	130	
Dibenzofuran	500		500	ug/L	100				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		500	ug/L	100				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		970	ug/L	97				50	142	
Diethylphthalate	500		470	ug/L	94				41	148	
4-Chlorophenyl-phenylether	500		480	ug/L	96				38	149	
Fluorene	500		490	ug/L	98				39	144	
4-Nitroaniline	500		470	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	500		520	ug/L	104				32	175	
N-Nitrosodiphenylamine	500		480	ug/L	96				40	150	
Azobenzene	500		500	ug/L	100				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		490	ug/L	98				72	115	
Atrazine	500		470	ug/L	94				20	162	
Pentachlorophenol	1000		1100	ug/L	110				25	139	
Phenanthrene	500		520	ug/L	104				40	147	
Anthracene	500		550	ug/L	110				41	146	
Carbazole	500		500	ug/L	100				37	154	
Di-n-butylphthalate	500		490	ug/L	98				40	151	
Fluoranthene	500		500	ug/L	100				42	146	
Benzidine	1000			ug/L	0	*			10	130	
Pyrene	500		510	ug/L	102				41	149	
Butylbenzylphthalate	500		520	ug/L	104				39	155	
3,3-Dichlorobenzidine	500		220	ug/L	44				10	114	
Benzo(a)anthracene	500		520	ug/L	104				41	147	
Chrysene	500		520	ug/L	104				44	144	
bis(2-Ethylhexyl)phthalate	500		500	ug/L	100				33	160	
Di-n-octyl phthalate	500		510	ug/L	102				36	158	
Benzo(b)fluoranthene	500		490	ug/L	98				40	150	
Benzo(k)fluoranthene	500		530	ug/L	106				40	147	
Benzo(a)pyrene	500		540	ug/L	108				42	147	
Indeno(1,2,3-cd)pyrene	500		530	ug/L	106				30	166	
Dibenz(a,h)anthracene	500		530	ug/L	106				23	172	
Benzo(g,h,i)perylene	500		470	ug/L	94				27	167	
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90				89	102	
1,4-Dioxane	500		300	ug/L	60				38	130	
2,3,4,6-Tetrachlorophenol	500		520	ug/L	104				91	111	
1-Methylnaphthalene	500		410	ug/L	82				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4693-04MSD	Client Sample ID:	BP-G5-WCMSD					DataFile:	BE101538.D		
n-Nitrosodimethylamine	500		480	ug/L	96		21	*	10	130	20
Pyridine	500		360	ug/L	72		22	*	10	109	20
Benzaldehyde	500		94.5	ug/L	19		17		10	137	20
Aniline	500		290	ug/L	58		23	*	10	130	20
Phenol	500		530	ug/L	106		21	*	10	130	20
bis(2-Chloroethyl)ether	500		440	ug/L	88		17		29	141	20
2-Chlorophenol	500		530	ug/L	106		21	*	23	127	20
1,2-Dichlorobenzene	500		380	ug/L	76		20		61	114	20
1,3-Dichlorobenzene	500		360	ug/L	72		18		65	106	20
1,4-Dichlorobenzene	500		370	ug/L	74		21	*	55	125	20
Benzyl Alcohol	500		590	ug/L	118	*	21	*	31	94	20
2-Methylphenol	500		580	ug/L	116		23	*	37	126	20
2,2-oxybis(1-Chloropropane)	500		490	ug/L	98		20		36	141	20
Acetophenone	500		510	ug/L	102		22	*	31	164	20
3+4-Methylphenols	500		570	ug/L	114		19		31	127	20
N-Nitroso-di-n-propylamine	500		520	ug/L	104		19		36	147	20
Hexachloroethane	500		360	ug/L	72		18		49	110	20
Nitrobenzene	500		500	ug/L	100		20		62	112	20
Isophorone	500		560	ug/L	112		24	*	39	146	20
2-Nitrophenol	500		530	ug/L	106		21	*	30	148	20
2,4-Dimethylphenol	500		720	ug/L	144	*	20		17	143	20
bis(2-Chloroethoxy)methane	500		530	ug/L	106		21	*	39	143	20
2,4-Dichlorophenol	500		600	ug/L	120		20		22	146	20
1,2,4-Trichlorobenzene	500		440	ug/L	88		20		66	110	20
Benzoic acid	500		510	ug/L	102	*	19		10	101	20
Naphthalene	500		480	ug/L	96		18		17	157	20
4-Chloroaniline	500		150	ug/L	30		22	*	10	95	20
Hexachlorobutadiene	500		410	ug/L	82		19		52	125	20
Caprolactam	500		400	ug/L	80		22	*	10	130	20
4-Chloro-3-methylphenol	500		600	ug/L	120		18		17	148	20
2-Methylnaphthalene	500		530	ug/L	106		19		38	146	20
Hexachlorocyclopentadiene	1000		1900	ug/L	190	*	24	*	20	153	20
2,4,6-Trichlorophenol	500		630	ug/L	126	*	19		78	112	20
2,4,5-Trichlorophenol	500		630	ug/L	126	*	21	*	71	111	20
1,1-Biphenyl	500		580	ug/L	116		21	*	38	154	20
2-Chloronaphthalene	500		560	ug/L	112		20		41	145	20
2-Nitroaniline	500		660	ug/L	132		20		39	151	20
Dimethylphthalate	500		600	ug/L	120		22	*	42	147	20
Acenaphthylene	500		640	ug/L	128		21	*	40	141	20
2,6-Dinitrotoluene	500		570	ug/L	114		19		43	148	20
3-Nitroaniline	500		350	ug/L	70		15		10	111	20
Acenaphthene	500		610	ug/L	122		20		37	146	20
Total PAH	8000		9990	ug/L	125		20		37	146	20
2,4-Dinitrophenol	1000		1300	ug/L	130		17		14	167	20
4-Nitrophenol	1000		1300	ug/L	130		17		10	130	20
Dibenzofuran	500		600	ug/L	120		18		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		600	ug/L	120		18		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1170	ug/L	117		19		50	142	20
Diethylphthalate	500		580	ug/L	116		21	*	41	148	20
4-Chlorophenyl-phenylether	500		590	ug/L	118		21	*	38	149	20
Fluorene	500		600	ug/L	120		20		39	144	20
4-Nitroaniline	500		570	ug/L	114		19		27	138	20
4,6-Dinitro-2-methylphenol	500		650	ug/L	130		22	*	32	175	20
N-Nitrosodiphenylamine	500		600	ug/L	120		22	*	40	150	20
Azobenzene	500		620	ug/L	124	*	21	*	72	112	20
4-Bromophenyl-phenylether	500		600	ug/L	120		20		42	151	20
Hexachlorobenzene	500		600	ug/L	120	*	20		72	115	20
Atrazine	500		530	ug/L	106		12		20	162	20
Pentachlorophenol	1000		1300	ug/L	130		17		25	139	20
Phenanthrene	500		640	ug/L	128		21	*	40	147	20
Anthracene	500		670	ug/L	134		20		41	146	20
Carbazole	500		620	ug/L	124		21	*	37	154	20
Di-n-butylphthalate	500		610	ug/L	122		22	*	40	151	20
Fluoranthene	500		620	ug/L	124		21	*	42	146	20
Benzidine	1000		0	ug/L	0	*			10	130	20
Pyrene	500		620	ug/L	124		19		41	149	20
Butylbenzylphthalate	500		620	ug/L	124		18		39	155	20
3,3-Dichlorobenzidine	500		260	ug/L	52		17		10	114	20
Benzo(a)anthracene	500		640	ug/L	128		21	*	41	147	20
Chrysene	500		640	ug/L	128		21	*	44	144	20
bis(2-Ethylhexyl)phthalate	500		610	ug/L	122		20		33	160	20
Di-n-octyl phthalate	500		630	ug/L	126		21	*	36	158	20
Benzo(b)fluoranthene	500		600	ug/L	120		20		40	150	20
Benzo(k)fluoranthene	500		680	ug/L	136		25	*	40	147	20
Benzo(a)pyrene	500		670	ug/L	134		21	*	42	147	20
Indeno(1,2,3-cd)pyrene	500		650	ug/L	130		20		30	166	20
Dibenz(a,h)anthracene	500		650	ug/L	130		20		23	172	20
Benzo(g,h,i)perylene	500		580	ug/L	116		21	*	27	167	20
1,2,4,5-Tetrachlorobenzene	500		550	ug/L	110	*	20		89	102	20
1,4-Dioxane	500		370	ug/L	74		21	*	38	130	20
2,3,4,6-Tetrachlorophenol	500		630	ug/L	126	*	19		91	111	20
1-Methylnaphthalene	500		500	ug/L	100		20		25	151	20

Surrogate Summary

SW-846

SDG No.: **BE110724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4667-08RE	BP-F-5RE	BE101528.D	2-Fluorophenol	150	174.32	116		10	139
			Phenol-d6	150	112.76	75		10	134
			Nitrobenzene-d5	100	119.38	119		49	133
			2-Fluorobiphenyl	100	193.85	194	*	52	132
			2,4,6-Tribromophenol	150	297.97	199	*	44	137
			Terphenyl-d14	100	184.43	184	*	48	125
P4667-12	BP-F-10	BE101529.D	2-Fluorophenol	150	191.24	127		10	139
			Phenol-d6	150	168.39	112		10	134
			Nitrobenzene-d5	100	118.17	118		49	133
			2-Fluorobiphenyl	100	113.55	114		52	132
			2,4,6-Tribromophenol	150	178.42	119		44	137
			Terphenyl-d14	100	126.99	127	*	48	125
P4680-04	BP-F26	BE101533.D	2-Fluorophenol	150	170.09	113		10	139
			Phenol-d6	150	151.70	101		10	134
			Nitrobenzene-d5	100	109.83	110		49	133
			2-Fluorobiphenyl	100	105.44	105		52	132
			2,4,6-Tribromophenol	150	166.16	111		44	137
			Terphenyl-d14	100	114.04	114		48	125
P4680-08	BP-F25	BE101532.D	2-Fluorophenol	150	171.21	114		10	139
			Phenol-d6	150	150.43	100		10	134
			Nitrobenzene-d5	100	111.33	111		49	133
			2-Fluorobiphenyl	100	114.05	114		52	132
			2,4,6-Tribromophenol	150	167.95	112		44	137
			Terphenyl-d14	100	115.20	115		48	125

Surrogate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4711-06DL	CF-613-COMP-17LBE101534.D		2-Fluorophenol	150	136.47	91		18	112
			Phenol-d6	150	131.48	88		15	107
			Nitrobenzene-d5	100	81.36	81		18	107
			2-Fluorobiphenyl	100	94.53	95		20	109
			2,4,6-Tribromophenol	150	123.06	82		10	116
			Terphenyl-d14	100	110.00	110	*	10	105

Surrogate Summary

SW-846

SDG No.: **BE110724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4693-04	BP-G5-WC	BE101536.D	2-Fluorophenol	150	177.93	119		10	139
			Phenol-d6	150	159.30	106		10	134
			Nitrobenzene-d5	100	116.85	117		49	133
			2-Fluorobiphenyl	100	112.88	113		52	132
			2,4,6-Tribromophenol	150	173.68	116		44	137
			Terphenyl-d14	100	125.43	125		48	125
P4693-04MS	BP-G5-WCMS	BE101537.D	2-Fluorophenol	150	141.27	94		10	139
			Phenol-d6	150	133.51	89		10	134
			Nitrobenzene-d5	100	94.11	94		49	133
			2-Fluorobiphenyl	100	98.23	98		52	132
			2,4,6-Tribromophenol	150	146.25	97		44	137
			Terphenyl-d14	100	104.38	104		48	125
P4693-04MSD	BP-G5-WCMSD	BE101538.D	2-Fluorophenol	150	172.63	115		10	139
			Phenol-d6	150	163.39	109		10	134
			Nitrobenzene-d5	100	116.81	117		49	133
			2-Fluorobiphenyl	100	120.58	121		52	132
			2,4,6-Tribromophenol	150	179.10	119		44	137
			Terphenyl-d14	100	125.82	126	*	48	125
P4693-08	BP-G4-WC	BE101535.D	2-Fluorophenol	150	152.26	102		10	139
			Phenol-d6	150	139.90	93		10	134
			Nitrobenzene-d5	100	96.73	97		49	133
			2-Fluorobiphenyl	100	96.39	96		52	132
			2,4,6-Tribromophenol	150	150.14	100		44	137
			Terphenyl-d14	100	107.96	108		48	125
P4695-04	Z-01	BE101541.D	2-Fluorophenol	150	141.63	94		10	139
			Phenol-d6	150	124.35	83		10	134
			Nitrobenzene-d5	100	95.18	95		49	133
			2-Fluorobiphenyl	100	92.89	93		52	132
			2,4,6-Tribromophenol	150	141.13	94		44	137
			Terphenyl-d14	100	108.16	108		48	125
P4701-04	BP-F3	BE101542.D	2-Fluorophenol	150	161.92	108		10	139
			Phenol-d6	150	128.22	85		10	134
			Nitrobenzene-d5	100	108.24	108		49	133
			2-Fluorobiphenyl	100	127.74	128		52	132
			2,4,6-Tribromophenol	150	193.59	129		44	137
			Terphenyl-d14	100	129.23	129	*	48	125
P4711-05	CF-613-COMP-16	BE101531.D	2-Fluorophenol	150	161.14	107		10	139
			Phenol-d6	150	136.97	91		10	134
			Nitrobenzene-d5	100	114.21	114		49	133
			2-Fluorobiphenyl	100	115.93	116		52	132
			2,4,6-Tribromophenol	150	174.52	116		44	137
			Terphenyl-d14	100	118.65	119		48	125
P4711-10	CF-613-COMP-17	BE101530.D	2-Fluorophenol	150	149.52	100		10	139
			Phenol-d6	150	120.55	80		10	134
			Nitrobenzene-d5	100	104.56	105		49	133
			2-Fluorobiphenyl	100	115.90	116		52	132
			2,4,6-Tribromophenol	150	169.50	113		44	137
			Terphenyl-d14	100	124.12	124		48	125
PB164662TB	PB164662TB	BE101527.D	2-Fluorophenol	150	172.17	115		10	139

Surrogate Summary

SW-846

SDG No.: **BE110724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164662TB	PB164662TB	BE101527.D	Phenol-d6	150	150.93	101		10	134
			Nitrobenzene-d5	100	113.98	114		49	133
			2-Fluorobiphenyl	100	117.46	117		52	132
			2,4,6-Tribromophenol	150	159.86	107		44	137
			Terphenyl-d14	100	110.85	111		48	125
PB164711BL	PB164711BL	BE101525.D	2-Fluorophenol	150	143.19	95		10	139
			Phenol-d6	150	127.55	85		10	134
			Nitrobenzene-d5	100	92.27	92		49	133
			2-Fluorobiphenyl	100	94.05	94		52	132
			2,4,6-Tribromophenol	150	130.07	87		44	137
PB164711BS	PB164711BS	BE101526.D	Terphenyl-d14	100	91.54	92		48	125
			2-Fluorophenol	150	156.00	104		10	139
			Phenol-d6	150	140.11	93		10	134
			Nitrobenzene-d5	100	99.74	100		49	133
			2-Fluorobiphenyl	100	103.36	103		52	132
			2,4,6-Tribromophenol	150	138.85	93		44	137
			Terphenyl-d14	100	100.51	101		48	125

Surrogate Summary

SW-846

SDG No.: BE110724

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4719-03	BAYAVE-STOCKP	BE101539.D	2-Fluorophenol	150	162.54	108		10	139
			Phenol-d6	150	137.81	92		10	134
			Nitrobenzene-d5	100	109.79	110		49	133
			2-Fluorobiphenyl	100	109.97	110		52	132
			2,4,6-Tribromophenol	150	164.95	110		44	137
			Terphenyl-d14	100	117.53	118		48	125
P4720-05	JC-701-COMP-01	BE101540.D	2-Fluorophenol	150	179.18	119		10	139
			Phenol-d6	150	160.95	107		10	134
			Nitrobenzene-d5	100	113.88	114		49	133
			2-Fluorobiphenyl	100	107.61	108		52	132
			2,4,6-Tribromophenol	150	164.86	110		44	137
			Terphenyl-d14	100	114.14	114		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BE110724

Lab Code: CHEM

SAS No.: BE110724 SDG NO.: BE110724

Lab File ID: BE101523.D

DFTPP Injection Date: 11/07/2024

Instrument ID: BNA_E

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	14.9
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	22.7
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	18.1
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	16.4
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	BE101524.D	11/07/2024	10:50
PB164711BL	PB164711BL	BE101525.D	11/07/2024	11:26
PB164711BS	PB164711BS	BE101526.D	11/07/2024	12:02
PB164662TB	PB164662TB	BE101527.D	11/07/2024	12:38
BP-F-5RE	P4667-08RE	BE101528.D	11/07/2024	13:20
BP-F-10	P4667-12	BE101529.D	11/07/2024	13:55
CF-613-COMP-17	P4711-10	BE101530.D	11/07/2024	14:31
CF-613-COMP-16	P4711-05	BE101531.D	11/07/2024	15:07
BP-F25	P4680-08	BE101532.D	11/07/2024	15:43
BP-F26	P4680-04	BE101533.D	11/07/2024	16:19
CF-613-COMP-17DL	P4711-06DL	BE101534.D	11/07/2024	16:54
BP-G4-WC	P4693-08	BE101535.D	11/07/2024	17:30
BP-G5-WC	P4693-04	BE101536.D	11/07/2024	18:03
BP-G5-WCMS	P4693-04MS	BE101537.D	11/07/2024	18:39
BP-G5-WCMSD	P4693-04MSD	BE101538.D	11/07/2024	19:15
BAYAVE-STOCKPILE	P4719-03	BE101539.D	11/07/2024	19:50
JC-701-COMP-01	P4720-05	BE101540.D	11/07/2024	20:26
Z-01	P4695-04	BE101541.D	11/07/2024	21:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BE110724

Lab Code: CHEM

SAS No.: BE110724

SDG NO.: BE110724

Lab File ID: BE101523.D

DFTPP Injection Date: 11/07/2024

Instrument ID: BNA_E

DFTPP Injection Time: 10:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	14.9
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	22.7
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	18.1
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	16.4
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
BP-F3	P4701-04	BE101542.D	11/07/2024	21:38