

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG No.: BF091124

Instrument ID: BNA_F Calibration Date/Time: 9/11/2024 1:10:21

Lab File ID: BF139315.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.873	0.790		-9.507	
Pyridine	1.344	1.154		-14.137	
2-Fluorophenol	1.196	1.115		-6.773	
Benzaldehyde	0.966	0.827		-14.389	
Aniline	1.468	1.257		-14.373	
Phenol-d6	1.596	1.488		-6.767	
Phenol	1.683	1.566		-6.952	20.0
bis(2-Chloroethyl)ether	1.206	1.145		-5.058	
2-Chlorophenol	1.239	1.172		-5.408	
1,2-Dichlorobenzene	1.309	1.245		-4.889	
1,3-Dichlorobenzene	1.402	1.311		-6.491	
1,4-Dichlorobenzene	1.404	1.327		-5.484	20.0
Benzyl Alcohol	1.164	1.119		-3.866	
2-Methylphenol	1.012	0.947		-6.423	
2,2-oxybis(1-Chloropropane)	2.296	2.090		-8.972	
Acetophenone	0.476	0.448		-5.882	
3+4-Methylphenols	1.276	1.211		-5.094	
n-Nitroso-di-n-propylamine	0.919	0.879	0.050	-4.353	
Nitrobenzene-d5	0.384	0.370		-3.646	
Hexachloroethane	0.501	0.490		-2.196	
Nitrobenzene	0.408	0.389		-4.657	
Isophorone	0.657	0.631		-3.957	
2-Nitrophenol	0.160	0.164		2.5	20.0
2,4-Dimethylphenol	0.229	0.220		-3.93	
bis(2-Chloroethoxy)methane	0.392	0.373		-4.847	
2,4-Dichlorophenol	0.274	0.266		-2.92	20.0
1,2,4-Trichlorobenzene	0.313	0.301		-3.834	
Benzoic acid	0.208	0.203		-2.404	
Naphthalene	1.013	0.955		-5.726	
4-Chloroaniline	0.351	0.312		-11.111	
Hexachlorobutadiene	0.198	0.197		-0.505	20.0
Caprolactam	0.085	0.082		-3.529	
4-Chloro-3-methylphenol	0.298	0.292		-2.013	20.0
2-Methylnaphthalene	0.634	0.614		-3.155	
Hexachlorocyclopentadiene	0.182	0.193	0.050	6.044	
2,4,6-Trichlorophenol	0.370	0.357		-3.514	20.0
2-Fluorobiphenyl	1.296	1.213		-6.404	
2,4,5-Trichlorophenol	0.388	0.378		-2.577	
1,1-Biphenyl	1.482	1.392		-6.073	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG No.: BF091124

Instrument ID: BNA_F Calibration Date/Time: 9/11/2024 1:10:21

Lab File ID: BF139315.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.119	1.052		-5.987	
2-Nitroaniline	0.385	0.376		-2.338	
Dimethylphthalate	1.212	1.166		-3.795	
Acenaphthylene	1.685	1.571		-6.766	
2,6-Dinitrotoluene	0.275	0.267		-2.909	
3-Nitroaniline	0.293	0.275		-6.143	
Acenaphthene	1.118	1.060		-5.188	20.0
2,4-Dinitrophenol	0.118	0.126	0.050	6.78	
4-Nitrophenol	0.216	0.211	0.050	-2.315	
Dibenzofuran	1.603	1.513		-5.614	
2,4-Dinitrotoluene	0.350	0.351		0.286	
Diethylphthalate	1.193	1.166		-2.263	
4-Chlorophenyl-phenylether	0.599	0.572		-4.508	
Fluorene	1.242	1.175		-5.395	
4-Nitroaniline	0.279	0.270		-3.226	
4,6-Dinitro-2-methylphenol	0.092	0.096		4.348	
n-Nitrosodiphenylamine	0.582	0.551		-5.326	20.0
Azobenzene	1.257	1.194		-5.012	
2,4,6-Tribromophenol	0.173	0.175		1.156	
4-Bromophenyl-phenylether	0.194	0.189		-2.577	
Hexachlorobenzene	0.222	0.215		-3.153	
Atrazine	0.134	0.111		-17.164	
Pentachlorophenol	0.128	0.134		4.688	20.0
Phenanthrene	0.934	0.869		-6.959	
Anthracene	0.913	0.866		-5.148	
Carbazole	0.853	0.814		-4.572	
Di-n-butylphthalate	0.873	0.921		5.498	
Fluoranthene	0.937	0.916		-2.241	20.0
Benzidine	0.403	0.361		-10.422	
Pyrene	1.932	1.854		-4.037	
Terphenyl-d14	1.239	1.228		-0.888	
Butylbenzylphthalate	0.455	0.576		26.593	
3,3-Dichlorobenzidine	0.339	0.342		0.885	
Benzo(a)anthracene	1.277	1.185		-7.204	
Chrysene	1.192	1.137		-4.614	
Bis(2-ethylhexyl)phthalate	0.534	0.651		21.91	
Di-n-octyl phthalate	1.022	1.017		-0.489	20.0
Benzo(b)fluoranthene	1.152	1.223		6.163	
Benzo(k)fluoranthene	1.033	0.918		-11.133	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG No.: BF091124

Instrument ID: BNA_F Calibration Date/Time: 9/11/2024 1:10:21

Lab File ID: BF139315.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.978	0.952		-2.658	20.0
Indeno(1,2,3-cd)pyrene	1.249	1.209		-3.203	
Dibenzo(a,h)anthracene	1.030	0.998		-3.107	
Benzo(g,h,i)perylene	1.063	1.023		-3.763	
1,2,4,5-Tetrachlorobenzene	0.566	0.538		-4.947	
1,4-Dioxane	0.557	0.476		-14.542	20.0
2,3,4,6-Tetrachlorophenol	0.305	0.297		-2.623	
1-Methylnaphthalene	0.623	0.595		-4.494	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BL	SDG No.:	BF091124
Lab Sample ID:	PB163259BL	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
BF139316.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BL	SDG No.:	BF091124
Lab Sample ID:	PB163259BL	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
BF139316.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BL	SDG No.:	BF091124
Lab Sample ID:	PB163259BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF139316.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	117.217		10-139		78	SPK: -150
13127-88-3	Phenol-d6	116.107		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	82.344		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	78.825		52-132		79	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BL	SDG No.:	BF091124
Lab Sample ID:	PB163259BL	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
BF139316.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.048		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	81.167		48-125		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158149	6.881				
1146-65-2	Naphthalene-d8	614090	8.163				
15067-26-2	Acenaphthene-d10	347302	9.916				
1517-22-2	Phenanthrene-d10	670210	11.404				
1719-03-5	Chrysene-d12	379688	14.039				
1520-96-3	Perylene-d12	295182	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.7	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.6	A			5.128	
000630-02-4	Octacosane	2.3	J			15.163	
000629-94-7	Heneicosane	3.6	J			15.992	
007225-64-1	Heptadecane, 9-octyl-	4	J			16.509	
000593-45-3	Octadecane	4.8	J			17.115	
000112-95-8	Eicosane	3	J			17.827	
000630-04-6	Hentriacontane	2.2	J			18.68	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BS	SDG No.:	BF091124
Lab Sample ID:	PB163259BS	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
BF139317.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42		1	8	10	ug/L
110-86-1	Pyridine	37.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.7		4	8	10	ug/L
62-53-3	Aniline	44.2		1.6	4	5	ug/L
108-95-2	Phenol	44.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	46.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	44.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	43.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	48.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	45.3		1.4	4	5	ug/L
98-86-2	Acetophenone	44.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	46.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.3		1	4	5	ug/L
98-95-3	Nitrobenzene	43		1.3	4	5	ug/L
78-59-1	Isophorone	48.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	56.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	47.5		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.7		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.1		5.5	8	10	ug/L
91-20-3	Naphthalene	44.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	32.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BS	SDG No.:	BF091124
Lab Sample ID:	PB163259BS	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
BF139317.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	47.1		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	48.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35		1.4	4	5	ug/L
83-32-9	Acenaphthene	52.4		0.81	4	5	ug/L
Total PAH	Total PAH	771.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	98.4	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	48.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.3		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.1		0.98	4	5	ug/L
86-73-7	Fluorene	46.7		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	53.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.9		0.89	4	5	ug/L
103-33-3	Azobenzene	47.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	47.3		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.9		1.1	4	5	ug/L
1912-24-9	Atrazine	64.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BS	SDG No.:	BF091124
Lab Sample ID:	PB163259BS	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
BF139317.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47.5		0.89	4	5	ug/L
120-12-7	Anthracene	49.4		1.1	4	5	ug/L
86-74-8	Carbazole	47.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.9		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.7		1.3	4	5	ug/L
92-87-5	Benzidine	59.7		4.1	8	10	ug/L
129-00-0	Pyrene	46.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	64.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	43		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	49.4		0.94	4	5	ug/L
218-01-9	Chrysene	46.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	63.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	51.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.5		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	44.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.86		10-139		86	SPK: -150
13127-88-3	Phenol-d6	128.874		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	94.195		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	93.875		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163259BS	SDG No.:	BF091124
Lab Sample ID:	PB163259BS	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
BF139317.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	151.232		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	102.094		48-125		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118819	6.886				
1146-65-2	Naphthalene-d8	444485	8.169				
15067-26-2	Acenaphthene-d10	246640	9.922				
1517-22-2	Phenanthrene-d10	454571	11.41				
1719-03-5	Chrysene-d12	232797	14.045				
1520-96-3	Perylene-d12	216721	15.515				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BL	SDG No.:	BF091124
Lab Sample ID:	PB163274BL	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
BF139318.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BL	SDG No.:	BF091124
Lab Sample ID:	PB163274BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF139318.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BL	SDG No.:	BF091124
Lab Sample ID:	PB163274BL	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
BF139318.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	132.064		10-139		88	SPK: -150
13127-88-3	Phenol-d6	128.77		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	94.66		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	91.239		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BL	SDG No.:	BF091124
Lab Sample ID:	PB163274BL	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
BF139318.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.95		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	94.172		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125561	6.881				
1146-65-2	Naphthalene-d8	477210	8.163				
15067-26-2	Acenaphthene-d10	273726	9.916				
1517-22-2	Phenanthrene-d10	526398	11.404				
1719-03-5	Chrysene-d12	297886	14.039				
1520-96-3	Perylene-d12	242419	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.1	J			2.299	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.4	A			5.134	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BS	SDG No.:	BF091124
Lab Sample ID:	PB163274BS	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
BF139319.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.2		1	8	10	ug/L
110-86-1	Pyridine	37.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.4		4	8	10	ug/L
62-53-3	Aniline	42.1		1.6	4	5	ug/L
108-95-2	Phenol	43.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.7		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.1		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.4	4	5	ug/L
98-86-2	Acetophenone	43.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	44.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.6		1	4	5	ug/L
98-95-3	Nitrobenzene	41.9		1.3	4	5	ug/L
78-59-1	Isophorone	46.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.2		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	55.2		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	43.9		5.5	8	10	ug/L
91-20-3	Naphthalene	43.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	32.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BS	SDG No.:	BF091124
Lab Sample ID:	PB163274BS	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
BF139319.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.7		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	33.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.4		0.81	4	5	ug/L
Total PAH	Total PAH	765.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	97.6	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	94.9	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.5		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	48.8		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	44.6		2.7	4	10	ug/L
84-66-2	Diethylphthalate	48.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		0.98	4	5	ug/L
86-73-7	Fluorene	45.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	46.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	52.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	46.3		0.89	4	5	ug/L
103-33-3	Azobenzene	46		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	45.9		1.1	4	5	ug/L
1912-24-9	Atrazine	63.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BS	SDG No.:	BF091124
Lab Sample ID:	PB163274BS	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
BF139319.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	93.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.5		0.89	4	5	ug/L
120-12-7	Anthracene	48.6		1.1	4	5	ug/L
86-74-8	Carbazole	46.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.1		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.8		1.3	4	5	ug/L
92-87-5	Benzidine	62.2		4.1	8	10	ug/L
129-00-0	Pyrene	45.7		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	64		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.1		0.94	4	5	ug/L
218-01-9	Chrysene	47.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	34.3		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	43.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.967		10-139		85	SPK: -150
13127-88-3	Phenol-d6	125.767		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	91.721		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	92.569		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BS	SDG No.:	BF091124
Lab Sample ID:	PB163274BS	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
BF139319.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.768		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	99.629		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119510	6.886				
1146-65-2	Naphthalene-d8	446391	8.163				
15067-26-2	Acenaphthene-d10	248127	9.922				
1517-22-2	Phenanthrene-d10	451359	11.41				
1719-03-5	Chrysene-d12	232651	14.074				
1520-96-3	Perylene-d12	207802	15.598				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BSD	SDG No.:	BF091124
Lab Sample ID:	PB163274BSD	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
BF139320.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.4		1	8	10	ug/L
110-86-1	Pyridine	37.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.7		4	8	10	ug/L
62-53-3	Aniline	42.9		1.6	4	5	ug/L
108-95-2	Phenol	44.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.7		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	47.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.4	4	5	ug/L
98-86-2	Acetophenone	44.1		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.3		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.5		1	4	5	ug/L
98-95-3	Nitrobenzene	42.6		1.3	4	5	ug/L
78-59-1	Isophorone	46.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	49.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	55.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43		1.1	4	5	ug/L
65-85-0	Benzoic acid	44		5.5	8	10	ug/L
91-20-3	Naphthalene	44		1	4	5	ug/L
106-47-8	4-Chloroaniline	31.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BSD	SDG No.:	BF091124
Lab Sample ID:	PB163274BSD	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
BF139320.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	47		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	46		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	48.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.3		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	47.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	35		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.8		0.81	4	5	ug/L
Total PAH	Total PAH	762.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	98.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.8		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.6		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.4		0.98	4	5	ug/L
86-73-7	Fluorene	46.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	48.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.1		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.8		0.89	4	5	ug/L
103-33-3	Azobenzene	47.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.8		1.1	4	5	ug/L
1912-24-9	Atrazine	63.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BSD	SDG No.:	BF091124
Lab Sample ID:	PB163274BSD	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
BF139320.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	46.2		0.89	4	5	ug/L
120-12-7	Anthracene	48.1		1.1	4	5	ug/L
86-74-8	Carbazole	46.8		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	48.9		1.3	4	5	ug/L
92-87-5	Benzidine	66.2		4.1	8	10	ug/L
129-00-0	Pyrene	44.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	65.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.3		0.94	4	5	ug/L
218-01-9	Chrysene	46.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	64.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	49.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	52.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.132		10-139		85	SPK: -150
13127-88-3	Phenol-d6	127.459		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	92.718		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	92.423		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163274BSD	SDG No.:	BF091124
Lab Sample ID:	PB163274BSD	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
BF139320.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.447		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	97.671		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118822	6.881				
1146-65-2	Naphthalene-d8	446813	8.163				
15067-26-2	Acenaphthene-d10	248390	9.922				
1517-22-2	Phenanthrene-d10	465679	11.41				
1719-03-5	Chrysene-d12	255508	14.069				
1520-96-3	Perylene-d12	218658	15.58				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163203TB	SDG No.:	BF091124
Lab Sample ID:	PB163203TB	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
BF139321.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163203TB	SDG No.:	BF091124
Lab Sample ID:	PB163203TB	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
BF139321.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163203TB	SDG No.:	BF091124
Lab Sample ID:	PB163203TB	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
BF139321.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.439		10-139		94	SPK: -150
13127-88-3	Phenol-d6	136.476		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	98.878		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	98.023		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163203TB	SDG No.:	BF091124
Lab Sample ID:	PB163203TB	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
BF139321.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.388		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	93.597		48-125		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117055	6.881				
1146-65-2	Naphthalene-d8	445832	8.163				
15067-26-2	Acenaphthene-d10	253756	9.916				
1517-22-2	Phenanthrene-d10	489542	11.404				
1719-03-5	Chrysene-d12	307207	14.045				
1520-96-3	Perylene-d12	235860	15.545				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163205TB	SDG No.:	BF091124
Lab Sample ID:	PB163205TB	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
BF139322.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163205TB	SDG No.:	BF091124
Lab Sample ID:	PB163205TB	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
BF139322.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163205TB	SDG No.:	BF091124
Lab Sample ID:	PB163205TB	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
BF139322.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	138.899		10-139		93	SPK: -150
13127-88-3	Phenol-d6	135.766		10-134		91	SPK: -150
4165-60-0	Nitrobenzene-d5	100.001		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	96.106		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163205TB	SDG No.:	BF091124
Lab Sample ID:	PB163205TB	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
BF139322.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.93		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	97.469		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118040	6.881				
1146-65-2	Naphthalene-d8	441089	8.163				
15067-26-2	Acenaphthene-d10	253716	9.916				
1517-22-2	Phenanthrene-d10	489213	11.404				
1719-03-5	Chrysene-d12	302442	14.045				
1520-96-3	Perylene-d12	233324	15.539				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091124
Lab Sample ID:	P3907-08	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
BF139323.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091124
Lab Sample ID:	P3907-08	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
BF139323.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091124
Lab Sample ID:	P3907-08	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
BF139323.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	120.001		10-139		80	SPK: -150
13127-88-3	Phenol-d6	115.627		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	93.922		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	85.168		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091124
Lab Sample ID:	P3907-08	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
BF139323.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	155.078		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	100.016		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97980	6.887				
1146-65-2	Naphthalene-d8	366022	8.163				
15067-26-2	Acenaphthene-d10	209143	9.916				
1517-22-2	Phenanthrene-d10	389697	11.404				
1719-03-5	Chrysene-d12	222618	14.039				
1520-96-3	Perylene-d12	171301	15.516				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091124
Lab Sample ID:	P3906-14	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
BF139324.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091124
Lab Sample ID:	P3906-14	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
BF139324.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091124
Lab Sample ID:	P3906-14	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
BF139324.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	100.58		10-139		67	SPK: -150
13127-88-3	Phenol-d6	101.811		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	72.275		49-133		72	SPK: -100
321-60-8	2-Fluorobiphenyl	72.776		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091124
Lab Sample ID:	P3906-14	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
BF139324.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.651		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	96.686		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99765	6.881				
1146-65-2	Naphthalene-d8	384588	8.163				
15067-26-2	Acenaphthene-d10	219598	9.916				
1517-22-2	Phenanthrene-d10	410855	11.404				
1719-03-5	Chrysene-d12	212608	14.039				
1520-96-3	Perylene-d12	182516	15.515				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091124
Lab Sample ID:	P3907-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139325.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091124
Lab Sample ID:	P3907-02	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
BF139325.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091124
Lab Sample ID:	P3907-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139325.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	103.169		10-139		69	SPK: -150
13127-88-3	Phenol-d6	96.406		10-134		64	SPK: -150
4165-60-0	Nitrobenzene-d5	78.401		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	73.103		52-132		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091124
Lab Sample ID:	P3907-02	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
BF139325.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.665		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	92.323		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104021	6.881				
1146-65-2	Naphthalene-d8	396075	8.163				
15067-26-2	Acenaphthene-d10	227477	9.916				
1517-22-2	Phenanthrene-d10	440848	11.404				
1719-03-5	Chrysene-d12	283373	14.039				
1520-96-3	Perylene-d12	192366	15.516				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091124
Lab Sample ID:	P3905-06	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
BF139326.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091124
Lab Sample ID:	P3905-06	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
BF139326.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091124
Lab Sample ID:	P3905-06	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
BF139326.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	57.5	J	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	111.928		10-139		75	SPK: -150
13127-88-3	Phenol-d6	103.476		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	85.542		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	82.528		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091124
Lab Sample ID:	P3905-06	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
BF139326.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.938		44-137		103	SPK: -150
1718-51-0	Terphenyl-d14	103.507		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100012	6.887				
1146-65-2	Naphthalene-d8	379305	8.163				
15067-26-2	Acenaphthene-d10	213496	9.916				
1517-22-2	Phenanthrene-d10	420288	11.404				
1719-03-5	Chrysene-d12	225192	14.039				
1520-96-3	Perylene-d12	177983	15.515				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091124
Lab Sample ID:	P3906-08	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
BF139327.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091124
Lab Sample ID:	P3906-08	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
BF139327.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091124
Lab Sample ID:	P3906-08	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
BF139327.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	110.115		10-139		73	SPK: -150
13127-88-3	Phenol-d6	103.305		10-134		69	SPK: -150
4165-60-0	Nitrobenzene-d5	84.678		49-133		85	SPK: -100
321-60-8	2-Fluorobiphenyl	82.814		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091124
Lab Sample ID:	P3906-08	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
BF139327.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	147.523		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	101.21		48-125		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100957	6.887				
1146-65-2	Naphthalene-d8	376641	8.163				
15067-26-2	Acenaphthene-d10	215323	9.916				
1517-22-2	Phenanthrene-d10	403967	11.404				
1719-03-5	Chrysene-d12	204597	14.039				
1520-96-3	Perylene-d12	148019	15.51				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139328.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139328.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139328.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

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	120.349		10-139		80	SPK: -150
13127-88-3	Phenol-d6	112.336		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	90.21		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.122		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-02	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
BF139328.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.545		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	108.577		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98904	6.887				
1146-65-2	Naphthalene-d8	372628	8.163				
15067-26-2	Acenaphthene-d10	209756	9.916				
1517-22-2	Phenanthrene-d10	402152	11.404				
1719-03-5	Chrysene-d12	207478	14.039				
1520-96-3	Perylene-d12	119401	15.51				

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	282-COMPOSITE-1	SDG No.:	BF091124
Lab Sample ID:	P3912-01	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
BF139329.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

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	30.4		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:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	282-COMPOSITE-1	SDG No.:	BF091124
Lab Sample ID:	P3912-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF139329.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

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	45.4		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	8.7		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	3.4	J	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	73.2		0.81	4	5	ug/L
Total PAH	Total PAH	321.7		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	50		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	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	76.8		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:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	282-COMPOSITE-1	SDG No.:	BF091124
Lab Sample ID:	P3912-01	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
BF139329.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

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	92.3	E	0.89	4	5	ug/L
120-12-7	Anthracene	8.5		1.1	4	5	ug/L
86-74-8	Carbazole	3.9	J	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	24.7		1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	12.4		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	29.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	57.731		10-139		38	SPK: -150
13127-88-3	Phenol-d6	43.878		10-134		29	SPK: -150
4165-60-0	Nitrobenzene-d5	44.628	*	49-133		45	SPK: -100
321-60-8	2-Fluorobiphenyl	46.002	*	52-132		46	SPK: -100

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	282-COMPOSITE-1	SDG No.:	BF091124
Lab Sample ID:	P3912-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF139329.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.636		44-137		60	SPK: -150
1718-51-0	Terphenyl-d14	59.496		48-125		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103419	6.881				
1146-65-2	Naphthalene-d8	392876	8.163				
15067-26-2	Acenaphthene-d10	215180	9.922				
1517-22-2	Phenanthrene-d10	392550	11.41				
1719-03-5	Chrysene-d12	192110	14.039				
1520-96-3	Perylene-d12	95720	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.181	
001193-11-9	1,3-Dioxolane, 2,2,4-trimethyl-	7.1	J			2.999	
000141-79-7	3-Penten-2-one, 4-methyl-	5	A			4.475	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.8	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	5	J			8.475	
001127-76-0	Naphthalene, 1-ethyl-	3.4	J			9.434	
000575-43-9	Naphthalene, 1,6-dimethyl-	7.9	J			9.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	12.1	J			9.575	
000581-42-0	Naphthalene, 2,6-dimethyl-	4.8	J			9.604	
000575-37-1	Naphthalene, 1,7-dimethyl-	4.7	J			9.692	
001855-47-6	1-Isopropenylnaphthalene	4	J			10.075	
001883-32-5	2,2-Diphenylethanol	2.6	J			10.551	
020884-05-3	3-(2-Naphthyl)acrylaldehyde	7.5	J			10.622	
000132-65-0	Dibenzothiophene	2	J			11.298	
000057-10-3	n-Hexadecanoic acid	5.4	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	3.3	J			12.022	
000238-84-6	11H-Benzo[a]fluorene	2.4	J			13.169	
002381-21-7	Pyrene, 1-methyl-	2.2	J			13.239	
015594-90-8	1-Heneicosanol	2	J			13.904	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	282-COMPOSITE-1	SDG No.:	BF091124
Lab Sample ID:	P3912-01	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
BF139329.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139330.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.9	U	54.9	170	210	ug/Kg
110-86-1	Pyridine	50.6	U	50.6	82.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.3	U	61.3	82.3	110	ug/Kg
108-95-2	Phenol	52.5	U	52.5	82.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53	U	53	82.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.8	U	52.8	82.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.5	U	53.5	82.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.4	U	54.4	82.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.7	U	54.7	82.3	110	ug/Kg
100-51-6	Benzyl Alcohol	52.5	U	52.5	170	210	ug/Kg
95-48-7	2-Methylphenol	51	U	51	82.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.5	U	57.5	82.3	110	ug/Kg
98-86-2	Acetophenone	55	U	55	82.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.5	U	50.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.5	U	25.5	50.6	50.6	ug/Kg
67-72-1	Hexachloroethane	52.5	U	52.5	82.3	110	ug/Kg
98-95-3	Nitrobenzene	57.5	U	57.5	82.3	110	ug/Kg
78-59-1	Isophorone	53.5	U	53.5	82.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.8	U	59.8	82.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	82.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.3	U	54.3	82.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.8	U	47.8	82.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54	U	54	82.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.3	U	52.3	82.3	110	ug/Kg
106-47-8	4-Chloroaniline	52.3	U	52.3	82.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.7	U	52.7	82.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139330.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.9	U	54.9	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	82.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.2	U	52.2	82.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.7	U	98.7	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.2	U	45.2	82.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.8	U	46.8	82.3	110	ug/Kg
92-52-4	1,1-Biphenyl	55.3	U	55.3	82.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.7	U	52.7	82.3	110	ug/Kg
88-74-4	2-Nitroaniline	60.1	U	60.1	82.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.7	U	51.7	82.3	110	ug/Kg
208-96-8	Acenaphthylene	54.7	U	54.7	82.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.7	U	52.7	82.3	110	ug/Kg
99-09-2	3-Nitroaniline	56.4	U	56.4	82.3	110	ug/Kg
83-32-9	Acenaphthene	51.3	U	51.3	82.3	110	ug/Kg
Total PAH	Total PAH	2020	U	838.6	82.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.4	U	73.4	170	210	ug/Kg
132-64-9	Dibenzofuran	53.4	U	53.4	82.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.2	U	107.2	82.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.5	U	54.5	82.3	110	ug/Kg
84-66-2	Diethylphthalate	50.7	U	50.7	82.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	82.3	110	ug/Kg
86-73-7	Fluorene	54.1	U	54.1	82.3	110	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	82.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74	U	74	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.6	U	51.6	82.3	110	ug/Kg
103-33-3	Azobenzene	50.4	U	50.4	82.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.9	U	49.9	82.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.8	U	53.8	82.3	110	ug/Kg
1912-24-9	Atrazine	57.8	U	57.8	82.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139330.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.9	U	48.9	170	210	ug/Kg
85-01-8	Phenanthrene	120		53.2	82.3	110	ug/Kg
120-12-7	Anthracene	53.4	U	53.4	82.3	110	ug/Kg
86-74-8	Carbazole	50.8	U	50.8	82.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.3	U	53.3	82.3	110	ug/Kg
206-44-0	Fluoranthene	330		51.7	82.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	230		52.5	82.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.3	U	61.3	82.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.4	U	62.4	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	210		51.1	82.3	110	ug/Kg
218-01-9	Chrysene	200		50.3	82.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.6	U	57.6	82.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.6	U	69.6	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		51.3	82.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	52.3	82.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	230		58.9	82.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120		49.4	82.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.4	U	51.4	82.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140		50.7	82.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.9	U	54.9	82.3	110	ug/Kg
123-91-1	1,4-Dioxane	69.6	U	69.6	82.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.3	U	47.3	82.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.7	U	52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.869		18-112		59	SPK: -150
13127-88-3	Phenol-d6	89.172		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	64.562		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	70.179		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139330.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.373		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	57.111		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115338	6.881				
1146-65-2	Naphthalene-d8	428158	8.163				
15067-26-2	Acenaphthene-d10	212618	9.916				
1517-22-2	Phenanthrene-d10	301302	11.404				
1719-03-5	Chrysene-d12	193752	14.039				
1520-96-3	Perylene-d12	151350	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.104	
000119-61-9	Benzophenone	120	J			10.627	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	92	J			10.886	
024518-48-7	4-(7-Methyloctyl)phenol	120	J			10.922	
000098-54-4	Phenol, p-tert-butyl-	96.2	J			10.951	
1000338-03-0	5(6H)-Quinazolinone, 2-amino-7,8-d	81.2	J			11.027	
000537-92-8	Acetamide, N-(3-methylphenyl)-	110	J			11.063	
003056-64-2	4-tert-Butylphenyl acetate	110	J			11.104	
1000244-21-4	5H-Pyrrolo(3,2-d)pyrimidine-2,4-di	59.1	J			11.145	
000779-02-2	Anthracene, 9-methyl-	68.8	J			11.898	
000057-10-3	n-Hexadecanoic acid	360	J			11.933	
000057-11-4	Octadecanoic acid	70.2	J			12.716	
1000131-11-8	Z-5-Nonadecene	86.7	J			13.892	
000112-95-8	Eicosane	140	J			15.168	
000192-97-2	Benzo[e]pyrene	190	J			15.386	
000593-45-3	Octadecane	110	J			15.998	
000215-58-7	Benzo[b]triphenylene	180	J			16.809	
	unknown17.356	150	J			17.356	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091124
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139330.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3BDL	SDG No.:	BF091124
Lab Sample ID:	P3905-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139331.D	2	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	590	720	ug/Kg
110-86-1	Pyridine	170	U	170	280	370	ug/Kg
100-52-7	Benzaldehyde	400	U	400	590	720	ug/Kg
62-53-3	Aniline	210	U	210	280	370	ug/Kg
108-95-2	Phenol	180	U	180	280	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	280	370	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	280	370	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	280	370	ug/Kg
541-73-1	1,3-Dichlorobenzene	190	U	190	280	370	ug/Kg
106-46-7	1,4-Dichlorobenzene	190	U	190	280	370	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	590	720	ug/Kg
95-48-7	2-Methylphenol	180	U	180	280	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	280	370	ug/Kg
98-86-2	Acetophenone	190	U	190	280	370	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	590	720	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	87.6	U	87.6	170	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	280	370	ug/Kg
98-95-3	Nitrobenzene	200	U	200	280	370	ug/Kg
78-59-1	Isophorone	180	U	180	280	370	ug/Kg
88-75-5	2-Nitrophenol	210	U	210	280	370	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	280	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	190	U	190	280	370	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	280	370	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	190	U	190	280	370	ug/Kg
65-85-0	Benzoic acid	510	U	510	590	720	ug/Kg
91-20-3	Naphthalene	180	U	180	280	370	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	280	370	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	280	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3BDL	SDG No.:	BF091124
Lab Sample ID:	P3905-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139331.D	2	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	190	U	190	590	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	280	370	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	280	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	340	U	340	590	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	280	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	280	370	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	280	370	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	280	370	ug/Kg
88-74-4	2-Nitroaniline	210	U	210	280	370	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	280	370	ug/Kg
208-96-8	Acenaphthylene	190	U	190	280	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	280	370	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	280	370	ug/Kg
83-32-9	Acenaphthene	180	U	180	280	370	ug/Kg
Total PAH	Total PAH	19340	UD	2890	280	5920	ug/Kg
51-28-5	2,4-Dinitrophenol	530	U	530	590	720	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	590	720	ug/Kg
132-64-9	Dibenzofuran	180	U	180	280	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	280	370	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	370	U	370	280	740	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	190	U	190	280	370	ug/Kg
86-73-7	Fluorene	190	U	190	280	370	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	280	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	590	720	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	280	370	ug/Kg
103-33-3	Azobenzene	170	U	170	280	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	280	370	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	280	370	ug/Kg
1912-24-9	Atrazine	200	U	200	280	370	ug/Kg



Client:			Date Collected:	9/6/2024 12:00:00 AM	
Project:			Date Received:	9/6/2024 12:00:00 AM	
Client Sample ID:	TP-3BDL		SDG No.:	BF091124	
Lab Sample ID:	P3905-03DL		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	8	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	1000	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139331.D	2	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	170	U	170	590	720	ug/Kg
85-01-8	Phenanthrene	750	D	180	280	370	ug/Kg
120-12-7	Anthracene	220	JD	180	280	370	ug/Kg
86-74-8	Carbazole	170	U	170	280	370	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	280	370	ug/Kg
206-44-0	Fluoranthene	3300	D	180	280	370	ug/Kg
92-87-5	Benzidine	350	U	350	590	720	ug/Kg
129-00-0	Pyrene	2300	D	180	280	370	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	280	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	590	720	ug/Kg
56-55-3	Benzo(a)anthracene	2100	D	180	280	370	ug/Kg
218-01-9	Chrysene	1900	D	170	280	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	280	370	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	590	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000	D	180	280	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	D	180	280	370	ug/Kg
50-32-8	Benzo(a)pyrene	2300	D	200	280	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990	D	170	280	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	JD	180	280	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	D	170	280	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	280	370	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	280	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	280	370	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	370	370	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.268		18-112		65	SPK: -150
13127-88-3	Phenol-d6	95.962		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	71.348		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	77.21		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3BDL	SDG No.:	BF091124
Lab Sample ID:	P3905-03DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139331.D	2	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.886		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	58.49		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118635	6.881				
1146-65-2	Naphthalene-d8	435391	8.163				
15067-26-2	Acenaphthene-d10	216228	9.916				
1517-22-2	Phenanthrene-d10	313238	11.404				
1719-03-5	Chrysene-d12	207856	14.045				
1520-96-3	Perylene-d12	166105	15.515				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930	SDG No.:	BF091124
Lab Sample ID:	P3929-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139332.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930	SDG No.:	BF091124
Lab Sample ID:	P3929-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139332.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.5	U	60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.5	U	57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.8	U	49.8	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.6	U	51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	60.9	U	60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.1	U	58.1	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	66.2	U	66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	90.6	120	ug/Kg
208-96-8	Acenaphthylene	60.3	U	60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	90.6	120	ug/Kg
83-32-9	Acenaphthene	56.5	U	56.5	90.6	120	ug/Kg
Total PAH	Total PAH	926.6	U	923.9	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80.9	U	80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	58.8	U	58.8	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.1	U	118.1	90.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.1	U	60.1	90.6	120	ug/Kg
84-66-2	Diethylphthalate	55.9	U	55.9	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.7	U	59.7	90.6	120	ug/Kg
86-73-7	Fluorene	59.6	U	59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	74.6	U	74.6	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	81.6	U	81.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.9	U	56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	55.5	U	55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	59.3	U	59.3	90.6	120	ug/Kg
1912-24-9	Atrazine	63.7	U	63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930	SDG No.:	BF091124
Lab Sample ID:	P3929-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139332.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.9	U	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	58.6	U	58.6	90.6	120	ug/Kg
120-12-7	Anthracene	58.8	U	58.8	90.6	120	ug/Kg
86-74-8	Carbazole	56	U	56	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.8	U	58.8	90.6	120	ug/Kg
206-44-0	Fluoranthene	380		57	90.6	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	170		57.9	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.5	U	67.5	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68.7	U	68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	120		56.3	90.6	120	ug/Kg
218-01-9	Chrysene	160		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160		63.5	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	76.7	U	76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.6	J	56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.6	U	57.6	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.8	U	64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.5	U	54.5	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.6	U	56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.9	U	55.9	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.5	U	60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	76.7	U	76.7	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.1	U	52.1	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.537		18-112		79	SPK: -150
13127-88-3	Phenol-d6	118.128		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	88.576		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	59.025		20-109		59	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930	SDG No.:	BF091124
Lab Sample ID:	P3929-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139332.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.485		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	64.662		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63238	6.881				
1146-65-2	Naphthalene-d8	236194	8.163				
15067-26-2	Acenaphthene-d10	193238	9.916				
1517-22-2	Phenanthrene-d10	276297	11.404				
1719-03-5	Chrysene-d12	187453	14.039				
1520-96-3	Perylene-d12	151491	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.11	
000119-61-9	Benzophenone	120	J			10.633	
000057-10-3	n-Hexadecanoic acid	360	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	52.8	J			12.015	
000057-11-4	Octadecanoic acid	50.7	J			12.716	
000295-02-3	Cyclotridecane	140	J			13.886	
007683-64-9	Supraene	110	J			14.898	
000192-97-2	Benzo[e]pyrene	46.7	J			15.386	



Client:				Date Collected:	9/10/2024 12:00:00 AM	
Project:				Date Received:	9/10/2024 12:00:00 AM	
Client Sample ID:	72-11930MS			SDG No.:	BF091124	
Lab Sample ID:	P3929-03MS			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	14	
Sample Wt/Vol:	50.07	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139333.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		60.5	190	230	ug/Kg
110-86-1	Pyridine	700		55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	340		130	190	230	ug/Kg
62-53-3	Aniline	510		67.5	90.6	120	ug/Kg
108-95-2	Phenol	1100		57.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		58.3	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	1100		58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.9	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.9	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		57.8	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		56.2	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		63.3	90.6	120	ug/Kg
98-86-2	Acetophenone	720		60.5	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		28.1	55.7	55.7	ug/Kg
67-72-1	Hexachloroethane	1200		57.8	90.6	120	ug/Kg
98-95-3	Nitrobenzene	690		63.3	90.6	120	ug/Kg
78-59-1	Isophorone	1200		58.9	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	1200		65.8	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.9	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	1100		170	190	230	ug/Kg
91-20-3	Naphthalene	1100		57.5	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	180		57.5	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		58	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MS	SDG No.:	BF091124
Lab Sample ID:	P3929-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139333.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.7	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		58	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	1200		66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	1200		56.9	90.6	120	ug/Kg
208-96-8	Acenaphthylene	1200		60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	620		62.1	90.6	120	ug/Kg
83-32-9	Acenaphthene	1200		56.5	90.6	120	ug/Kg
Total PAH	Total PAH	18870		923.1	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2100	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2100	E	80.8	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58.8	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		118.1	90.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		60.1	90.6	120	ug/Kg
84-66-2	Diethylphthalate	1200		55.8	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.6	90.6	120	ug/Kg
86-73-7	Fluorene	1100		59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	950		74.5	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		81.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	1200		55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	1200		59.2	90.6	120	ug/Kg
1912-24-9	Atrazine	1700		63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MS	SDG No.:	BF091124
Lab Sample ID:	P3929-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139333.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400	E	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	1200		58.5	90.6	120	ug/Kg
120-12-7	Anthracene	1200		58.8	90.6	120	ug/Kg
86-74-8	Carbazole	1100		55.9	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	1400		58.7	90.6	120	ug/Kg
206-44-0	Fluoranthene	1500		56.9	90.6	120	ug/Kg
92-87-5	Benzidine	1000		110	190	230	ug/Kg
129-00-0	Pyrene	1000		57.8	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	1600		67.4	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1300		56.2	90.6	120	ug/Kg
218-01-9	Chrysene	1300		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900	E	63.4	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		76.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		57.5	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		54.4	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	990		56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880		55.8	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	800		76.6	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		52	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.574		18-112		78	SPK: -150
13127-88-3	Phenol-d6	114.234		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	52.559		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	83.202		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MS	SDG No.:	BF091124
Lab Sample ID:	P3929-03MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139333.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.845		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	67.858		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66167	6.887				
1146-65-2	Naphthalene-d8	407056	8.169				
15067-26-2	Acenaphthene-d10	205609	9.922				
1517-22-2	Phenanthrene-d10	302199	11.41				
1719-03-5	Chrysene-d12	190394	14.045				
1520-96-3	Perylene-d12	157374	15.515				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MSD	SDG No.:	BF091124
Lab Sample ID:	P3929-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139334.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		60.5	190	230	ug/Kg
110-86-1	Pyridine	860		55.7	90.6	120	ug/Kg
100-52-7	Benzaldehyde	360		130	190	230	ug/Kg
62-53-3	Aniline	600		67.6	90.6	120	ug/Kg
108-95-2	Phenol	1200		57.8	90.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		58.3	90.6	120	ug/Kg
95-57-8	2-Chlorophenol	1200		58.2	90.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		59	90.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		60	90.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		60.3	90.6	120	ug/Kg
100-51-6	Benzyl Alcohol	1400		57.9	190	230	ug/Kg
95-48-7	2-Methylphenol	1200		56.2	90.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		63.4	90.6	120	ug/Kg
98-86-2	Acetophenone	1300		60.6	90.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	1300		55.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1300		28.1	55.8	55.8	ug/Kg
67-72-1	Hexachloroethane	1300		57.9	90.6	120	ug/Kg
98-95-3	Nitrobenzene	1200		63.3	90.6	120	ug/Kg
78-59-1	Isophorone	1300		59	90.6	120	ug/Kg
88-75-5	2-Nitrophenol	1300		65.9	90.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		65	90.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		59.8	90.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		52.6	90.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200		59.5	90.6	120	ug/Kg
65-85-0	Benzoic acid	1200		170	190	230	ug/Kg
91-20-3	Naphthalene	1200		57.6	90.6	120	ug/Kg
106-47-8	4-Chloroaniline	210		57.6	90.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	1300		58.1	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MSD	SDG No.:	BF091124
Lab Sample ID:	P3929-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139334.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		60.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		54	90.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	1200		57.5	90.6	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		49.8	90.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		51.6	90.6	120	ug/Kg
92-52-4	1,1-Biphenyl	1300		60.9	90.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	1200		58.1	90.6	120	ug/Kg
88-74-4	2-Nitroaniline	1300		66.2	90.6	120	ug/Kg
131-11-3	Dimethylphthalate	1400		57	90.6	120	ug/Kg
208-96-8	Acenaphthylene	1300		60.3	90.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		58	90.6	120	ug/Kg
99-09-2	3-Nitroaniline	650		62.2	90.6	120	ug/Kg
83-32-9	Acenaphthene	1400		56.5	90.6	120	ug/Kg
Total PAH	Total PAH	20860		923.7	90.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2400	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2300	E	80.9	190	230	ug/Kg
132-64-9	Dibenzofuran	1300		58.8	90.6	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		60.1	90.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		118.1	90.6	240	ug/Kg
84-66-2	Diethylphthalate	1400		55.8	90.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		59.7	90.6	120	ug/Kg
86-73-7	Fluorene	1200		59.6	90.6	120	ug/Kg
100-01-6	4-Nitroaniline	1000		74.6	90.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		81.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		56.9	90.6	120	ug/Kg
103-33-3	Azobenzene	1300		55.5	90.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		55	90.6	120	ug/Kg
118-74-1	Hexachlorobenzene	1300		59.3	90.6	120	ug/Kg
1912-24-9	Atrazine	2000	E	63.7	90.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MSD	SDG No.:	BF091124
Lab Sample ID:	P3929-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139334.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	53.9	190	230	ug/Kg
85-01-8	Phenanthrene	1300		58.6	90.6	120	ug/Kg
120-12-7	Anthracene	1400		58.8	90.6	120	ug/Kg
86-74-8	Carbazole	1300		56	90.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	1600		58.8	90.6	120	ug/Kg
206-44-0	Fluoranthene	1600		57	90.6	120	ug/Kg
92-87-5	Benzidine	1100		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57.9	90.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	1700		67.5	90.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		68.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1400		56.3	90.6	120	ug/Kg
218-01-9	Chrysene	1300		55.4	90.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200	E	63.4	90.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		76.7	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		56.5	90.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		57.6	90.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	1500		64.8	90.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		54.4	90.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		56.6	90.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		55.8	90.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		60.5	90.6	120	ug/Kg
123-91-1	1,4-Dioxane	860		76.7	90.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		52.1	90.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		58	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.046		18-112		84	SPK: -150
13127-88-3	Phenol-d6	123.636		15-107		82	SPK: -150
4165-60-0	Nitrobenzene-d5	92.521		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	97.714		20-109		98	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	72-11930MSD	SDG No.:	BF091124
Lab Sample ID:	P3929-03MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139334.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.073		10-116		93	SPK: -150
1718-51-0	Terphenyl-d14	77.637		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57247	6.887				
1146-65-2	Naphthalene-d8	215802	8.169				
15067-26-2	Acenaphthene-d10	109802	9.922				
1517-22-2	Phenanthrene-d10	164983	11.41				
1719-03-5	Chrysene-d12	103810	14.045				
1520-96-3	Perylene-d12	78333	15.515				

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BIN-2	SDG No.:	BF091124
Lab Sample ID:	P3929-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139335.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.6	U	56.6	180	220	ug/Kg
110-86-1	Pyridine	52.1	U	52.1	84.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.2	U	63.2	84.8	110	ug/Kg
108-95-2	Phenol	54.1	U	54.1	84.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.6	U	54.6	84.8	110	ug/Kg
95-57-8	2-Chlorophenol	54.5	U	54.5	84.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.2	U	55.2	84.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.1	U	56.1	84.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.5	U	56.5	84.8	110	ug/Kg
100-51-6	Benzyl Alcohol	54.2	U	54.2	180	220	ug/Kg
95-48-7	2-Methylphenol	52.6	U	52.6	84.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.3	U	59.3	84.8	110	ug/Kg
98-86-2	Acetophenone	56.7	U	56.7	84.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.1	U	52.1	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.3	U	26.3	52.2	52.2	ug/Kg
67-72-1	Hexachloroethane	54.2	U	54.2	84.8	110	ug/Kg
98-95-3	Nitrobenzene	59.3	U	59.3	84.8	110	ug/Kg
78-59-1	Isophorone	55.2	U	55.2	84.8	110	ug/Kg
88-75-5	2-Nitrophenol	61.7	U	61.7	84.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.8	U	60.8	84.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56	U	56	84.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.3	U	49.3	84.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.7	U	55.7	84.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	53.9	U	53.9	84.8	110	ug/Kg
106-47-8	4-Chloroaniline	53.9	U	53.9	84.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.4	U	54.4	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BIN-2	SDG No.:	BF091124
Lab Sample ID:	P3929-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139335.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.6	U	56.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.6	U	50.6	84.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.8	U	53.8	84.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.6	U	46.6	84.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.3	U	48.3	84.8	110	ug/Kg
92-52-4	1,1-Biphenyl	57	U	57	84.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.4	U	54.4	84.8	110	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	84.8	110	ug/Kg
131-11-3	Dimethylphthalate	53.3	U	53.3	84.8	110	ug/Kg
208-96-8	Acenaphthylene	56.5	U	56.5	84.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.3	U	54.3	84.8	110	ug/Kg
99-09-2	3-Nitroaniline	58.2	U	58.2	84.8	110	ug/Kg
83-32-9	Acenaphthene	52.9	U	52.9	84.8	110	ug/Kg
Total PAH	Total PAH	1652.4	U	864.9	84.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.7	U	75.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.1	U	55.1	84.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.6	U	110.6	84.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.3	U	56.3	84.8	110	ug/Kg
84-66-2	Diethylphthalate	52.3	U	52.3	84.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.9	U	55.9	84.8	110	ug/Kg
86-73-7	Fluorene	55.8	U	55.8	84.8	110	ug/Kg
100-01-6	4-Nitroaniline	69.8	U	69.8	84.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.4	U	76.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.3	U	53.3	84.8	110	ug/Kg
103-33-3	Azobenzene	51.9	U	51.9	84.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.5	U	51.5	84.8	110	ug/Kg
118-74-1	Hexachlorobenzene	55.5	U	55.5	84.8	110	ug/Kg
1912-24-9	Atrazine	59.6	U	59.6	84.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BIN-2	SDG No.:	BF091124
Lab Sample ID:	P3929-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139335.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.4	U	50.4	180	220	ug/Kg
85-01-8	Phenanthrene	160		54.8	84.8	110	ug/Kg
120-12-7	Anthracene	55.1	U	55.1	84.8	110	ug/Kg
86-74-8	Carbazole	52.4	U	52.4	84.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	84.8	110	ug/Kg
206-44-0	Fluoranthene	310		53.3	84.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	330		54.2	84.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.2	U	63.2	84.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.3	U	64.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	160		52.7	84.8	110	ug/Kg
218-01-9	Chrysene	170		51.9	84.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.4	U	59.4	84.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.8	U	71.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	210		52.9	84.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	84.7	J	53.9	84.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	150		60.7	84.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	84.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	U	53	84.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77.7	J	52.3	84.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.6	U	56.6	84.8	110	ug/Kg
123-91-1	1,4-Dioxane	71.8	U	71.8	84.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.8	U	48.8	84.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.3	U	54.3	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.676		18-112		61	SPK: -150
13127-88-3	Phenol-d6	84.207		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	45.849		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	115.569	*	20-109		116	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	BIN-2	SDG No.:	BF091124
Lab Sample ID:	P3929-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139335.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.828		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	94.644		10-105		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73127	6.881				
1146-65-2	Naphthalene-d8	373773	8.163				
15067-26-2	Acenaphthene-d10	118063	9.916				
1517-22-2	Phenanthrene-d10	262108	11.404				
1719-03-5	Chrysene-d12	108012	14.039				
1520-96-3	Perylene-d12	136855	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.104	
000119-61-9	Benzophenone	110	J			10.628	
000057-10-3	n-Hexadecanoic acid	290	J			11.928	
000203-64-5	4H-Cyclopenta[def]phenanthrene	47.9	J			12.016	
000243-17-4	11H-Benzo[b]fluorene	68.3	J			13.169	
002381-21-7	Pyrene, 1-methyl-	45.5	J			13.233	
074339-54-1	Trichloroacetic acid, hexadecyl es	91.6	J			13.886	
002579-04-6	8-Heptadecene	51.8	J			14.522	
000111-02-4	Squalene	160	J			14.898	
000593-45-3	Octadecane	51.3	J			15.163	
000192-97-2	Benzo[e]pyrene	95.5	J			15.386	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	NB-07091024	SDG No.:	BF091124
Lab Sample ID:	P3925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139336.D	2	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	340	420	ug/Kg
110-86-1	Pyridine	100	U	100	160	210	ug/Kg
100-52-7	Benzaldehyde	230	U	230	340	420	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	340	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	340	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.7	U	50.7	100	100	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	110	U	110	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	95.1	U	95.1	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	160	210	ug/Kg
65-85-0	Benzoic acid	300	U	300	340	420	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	NB-07091024	SDG No.:	BF091124
Lab Sample ID:	P3925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139336.D	2	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	340	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97.6	U	97.6	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	J	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	340	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.9	U	89.9	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.2	U	93.2	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	100	U	100	160	210	ug/Kg
Total PAH	Total PAH	1658.3	U	1658.3	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	340	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	340	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	160	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	110	U	110	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	340	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	160	210	ug/Kg
103-33-3	Azobenzene	100	U	100	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99.3	U	99.3	160	210	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	NB-07091024	SDG No.:	BF091124
Lab Sample ID:	P3925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139336.D	2	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	97.3	U	97.3	340	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	210	ug/Kg
120-12-7	Anthracene	110	U	110	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	160	210	ug/Kg
206-44-0	Fluoranthene	250		100	160	210	ug/Kg
92-87-5	Benzidine	210	U	210	340	420	ug/Kg
129-00-0	Pyrene	190	J	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	340	420	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	100	160	210	ug/Kg
218-01-9	Chrysene	150	J	100	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	340	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		100	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	210		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98.3	U	98.3	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	100	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94	U	94	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.416		18-112		50	SPK: -150
13127-88-3	Phenol-d6	71.482		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	58.35		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	67.754		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	NB-07091024	SDG No.:	BF091124
Lab Sample ID:	P3925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139336.D	2	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.324		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	56.772		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57520	6.881				
1146-65-2	Naphthalene-d8	194260	8.163				
15067-26-2	Acenaphthene-d10	81133	9.922				
1517-22-2	Phenanthrene-d10	127051	11.404				
1719-03-5	Chrysene-d12	84506	14.045				
1520-96-3	Perylene-d12	64985	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.152	
000824-90-8	1-Phenyl-1-butene	370	J			7.904	
001680-51-9	Naphthalene, 1,2,3,4-tetrahydro-6-	410	J			8.669	
000629-50-5	Tridecane	680	J			8.757	
	unknown9.116	400	J			9.116	
003891-98-3	Dodecane, 2,6,10-trimethyl-	630	J			9.186	
000629-59-4	Tetradecane	1400	J			9.322	
000575-43-9	Naphthalene, 1,6-dimethyl-	540	J			9.575	
000544-76-3	Hexadecane	1100	J			9.639	
000629-62-9	Pentadecane	1400	J			9.851	
000630-01-3	Hexacosane	390	J			10.175	
000629-94-7	Heneicosane	1400	J			10.351	
000593-49-7	Heptacosane	880	J			10.569	
000629-78-7	Heptadecane	3600	J			10.827	
055045-08-4	Dodecane, 2-methyl-6-propyl-	2000	J			11.275	
013287-21-3	Tridecane, 6-methyl-	800	J			11.304	
000629-92-5	Nonadecane	1500	J			11.698	
000112-95-8	Eicosane	1300	J			12.104	
004292-19-7	Dodecane, 1-iodo-	1000	J			12.492	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	NB-07091024	SDG No.:	BF091124
Lab Sample ID:	P3925-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139336.D	2	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000630-02-4	Octacosane	510	J			13.221	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-33	SDG No.:	BF091124
Lab Sample ID:	P3930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139337.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.5	U	97.5	300	370	ug/Kg
110-86-1	Pyridine	89.7	U	89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.1	U	93.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94	U	94	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.8	U	93.8	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95	U	95	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.6	U	96.6	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.1	U	97.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.2	U	93.2	300	370	ug/Kg
95-48-7	2-Methylphenol	90.5	U	90.5	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.6	U	97.6	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.6	U	89.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.3	U	45.3	89.8	89.8	ug/Kg
67-72-1	Hexachloroethane	93.2	U	93.2	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95	U	95	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.3	U	96.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.8	U	84.8	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.9	U	95.9	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.7	U	92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.7	U	92.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.5	U	93.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-33	SDG No.:	BF091124
Lab Sample ID:	P3930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139337.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.5	U	97.5	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87	U	87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.6	U	92.6	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.2	U	80.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.1	U	83.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.1	U	98.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.5	U	93.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.7	U	91.7	150	190	ug/Kg
208-96-8	Acenaphthylene	97.1	U	97.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.4	U	93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.1	U	91.1	150	190	ug/Kg
Total PAH	Total PAH	1483.4	U	1483.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.8	U	94.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	190.2	U	190.2	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.8	U	96.8	150	190	ug/Kg
84-66-2	Diethylphthalate	89.9	U	89.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.1	U	96.1	150	190	ug/Kg
86-73-7	Fluorene	96	U	96	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.6	U	91.6	150	190	ug/Kg
103-33-3	Azobenzene	89.4	U	89.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.6	U	88.6	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.4	U	95.4	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-33	SDG No.:	BF091124
Lab Sample ID:	P3930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139337.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.8	U	86.8	300	370	ug/Kg
85-01-8	Phenanthrene	94.3	U	94.3	150	190	ug/Kg
120-12-7	Anthracene	94.8	U	94.8	150	190	ug/Kg
86-74-8	Carbazole	90.2	U	90.2	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.7	U	94.7	150	190	ug/Kg
206-44-0	Fluoranthene	91.7	U	91.7	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	93.2	U	93.2	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.6	U	90.6	150	190	ug/Kg
218-01-9	Chrysene	89.3	U	89.3	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.1	U	91.1	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.7	U	92.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.7	U	87.7	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.2	U	91.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.9	U	89.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.5	U	97.5	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.9	U	83.9	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.4	U	93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.675		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.465		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	60.827		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	56.119		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-33	SDG No.:	BF091124
Lab Sample ID:	P3930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139337.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.982		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	73.005		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76775	6.887				
1146-65-2	Naphthalene-d8	232914	8.163				
15067-26-2	Acenaphthene-d10	113914	9.922				
1517-22-2	Phenanthrene-d10	231133	11.404				
1719-03-5	Chrysene-d12	94425	14.039				
1520-96-3	Perylene-d12	114775	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.099	
000119-61-9	Benzophenone	200	J			10.628	
000057-10-3	n-Hexadecanoic acid	320	J			11.928	
000057-11-4	Octadecanoic acid	120	J			12.716	
	unknown13.680	160	J			13.68	
000112-88-9	1-Octadecene	560	J			13.892	
007320-37-8	Oxirane, tetradecyl-	180	J			14.327	
000295-65-8	Cyclohexadecane	210	J			14.522	
075581-03-2	2,6,10,14,18-Pentamethyl-2,6,10,14	290	J			14.898	
002765-11-9	Pentadecanal-	150	J			14.969	
000593-45-3	Octadecane	290	J			15.169	
014811-95-1	1,19-Eicosadiene	180	J			15.757	
055320-06-4	Heneicosane, 11-decyl-	350	J			15.998	
	unknown16.645	130	J			16.645	
137235-51-9	1,2,4,8-Tetramethylbicyclo[6.3.0]u	790	J			17.186	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-34	SDG No.:	BF091124
Lab Sample ID:	P3930-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139338.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.9	U	91.9	290	350	ug/Kg
110-86-1	Pyridine	84.6	U	84.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.8	U	87.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.6	U	88.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.4	U	88.4	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.9	U	87.9	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	92	U	92	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.7	84.7	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.4	U	90.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-34	SDG No.:	BF091124
Lab Sample ID:	P3930-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139338.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.9	U	91.9	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.5	U	86.5	140	180	ug/Kg
208-96-8	Acenaphthylene	91.6	U	91.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	140	180	ug/Kg
Total PAH	Total PAH	1403.4	U	1403.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4	U	179.4	140	360	ug/Kg
84-66-2	Diethylphthalate	84.8	U	84.8	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	140	180	ug/Kg
86-73-7	Fluorene	90.5	U	90.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	140	180	ug/Kg
103-33-3	Azobenzene	84.3	U	84.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	140	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-34	SDG No.:	BF091124
Lab Sample ID:	P3930-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139338.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	89	U	89	140	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	140	180	ug/Kg
86-74-8	Carbazole	85	U	85	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	86.5	U	86.5	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	87.9	U	87.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.5	U	85.5	140	180	ug/Kg
218-01-9	Chrysene	84.2	U	84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.4	U	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.9	U	85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.5	U	87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.5	U	98.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.7	U	82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.8	U	84.8	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.9	U	91.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.1	U	88.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	13.373	*	18-112		9	SPK: -150
13127-88-3	Phenol-d6	16.571	*	15-107		11	SPK: -150
4165-60-0	Nitrobenzene-d5	13.883	*	18-107		14	SPK: -100
321-60-8	2-Fluorobiphenyl	13.205	*	20-109		13	SPK: -100

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-34	SDG No.:	BF091124
Lab Sample ID:	P3930-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139338.D	1	9/11/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	20.072		10-116		13	SPK: -150
1718-51-0	Terphenyl-d14	19.405		10-105		19	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73061	6.887				
1146-65-2	Naphthalene-d8	233804	8.163				
15067-26-2	Acenaphthene-d10	123170	9.922				
1517-22-2	Phenanthrene-d10	247175	11.404				
1719-03-5	Chrysene-d12	109969	14.045				
1520-96-3	Perylene-d12	136979	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	480	J			2.157	
000123-79-5	Hexanedioic acid, dioctyl ester	73.1	J			13.527	
959085-66-6	Heptadecyl heptafluorobutyrate	79.4	J			13.892	
000629-92-5	Nonadecane	120	J			15.168	
	unknown15.339	260	J			15.339	

Hit Summary Sheet SW-846

SDG No.: BF091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-3BDL								
P3905-03DL	TP-3BDL	Solid	Anthracene	220.000	JD	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Benzo(a)anthracene	2,100.000	D	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Benzo(a)pyrene	2,300.000	D	200	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Benzo(b)fluoranthene	3,000.000	D	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Benzo(g,h,i)perylene	1,100.000	D	170	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Benzo(k)fluoranthene	1,100.000	D	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Chrysene	1,900.000	D	170	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Dibenzo(a,h)anthracene	280.000	JD	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Fluoranthene	3,300.000	D	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Indeno(1,2,3-cd)pyrene	990.000	D	170	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Phenanthrene	750.000	D	180	370	ug/Kg
P3905-03DL	TP-3BDL	Solid	Pyrene	2,300.000	D	180	370	ug/Kg
Total Svoc :				19,340.00				
Total Concentration:				19,340.00				
Client ID : COMP-1								
P3905-06	COMP-1	water	Pentachlorophenol	57.500	J	18.5	100	ug/L
Total Svoc :				57.50				
Total Concentration:				57.50				
Client ID : SU-701-COMP-01								
P3906-01	SU-701-COMP-01	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P3906-01	SU-701-COMP-01	Solid	4-(7-Methyloctyl)phenol *	120.000	J			
P3906-01	SU-701-COMP-01	Solid	4-tert-Butylphenyl acetate *	110.000	J			
P3906-01	SU-701-COMP-01	Solid	5(6H)-Quinazolinone, 2-amino-7,4-dihydro-6-oxo-1,2,3,4-tetrahydro-1,2,3,4-tetrahydro-6-oxo-1,2					

Hit Summary Sheet SW-846

SDG No.: BF091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3906-01	SU-701-COMP-01	Solid	unknown17.356	*	150.000	J		
P3906-01	SU-701-COMP-01	Solid	Z-5-Nonadecene	*	86.700	J		
Total Tics :				3,254.20				
P3906-01	SU-701-COMP-01	Solid	Benzo(a)anthracene		210.000	51.1	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Benzo(a)pyrene		230.000	58.9	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Benzo(b)fluoranthene		340.000	51.3	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Benzo(g,h,i)perylene		140.000	50.7	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Benzo(k)fluoranthene		100.000	J 52.3	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Chrysene		200.000	50.3	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Fluoranthene		330.000	51.7	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Indeno(1,2,3-cd)pyrene		120.000	49.4	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Phenanthrene		120.000	53.2	110	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Pyrene		230.000	52.5	110	ug/Kg
Total Svoc :				2,020.00				
Total Concentration:				5,274.20				
Client ID : 282-COMPOSITE-1								
P3912-01	282-COMPOSITE-1	Water	1,3-Dioxolane, 2,2,4-trimethyl-	*	7.100	J		
P3912-01	282-COMPOSITE-1	Water	1-Heneicosanol	*	2.000	J		
P3912-01	282-COMPOSITE-1	Water	1-Isopropenylnaphthalene	*	4.000	J		
P3912-01	282-COMPOSITE-1	Water	1-Phenoxypropan-2-ol	*	5.000	J		
P3912-01	282-COMPOSITE-1	Water	11H-Benzo[a]fluorene	*	2.400	J		
P3912-01	282-COMPOSITE-1	Water	2,2-Diphenylethanol	*	2.600	J		
P3912-01	282-COMPOSITE-1	Water	2-Pentanone, 4-hydroxy-4-methyl	*	2.800	A		
P3912-01	282-COMPOSITE-1	Water	3-(2-Naphthyl)acrylaldehyde	*	7.500	J		
P3912-01	282-COMPOSITE-1	Water	3-Penten-2-one, 4-methyl-	*	5.000	A		
P3912-01	282-COMPOSITE-1	Water	4H-Cyclopenta[def]phenanthrene	*	3.300	J		
P3912-01	282-COMPOSITE-1	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P3912-01	282-COMPOSITE-1	Water	Dibenzothiophene	*	2.000	J		
P3912-01	282-COMPOSITE-1	Water	n-Hexadecanoic acid	*	5.400	J		
P3912-01	282-COMPOSITE-1	Water	Naphthalene, 1,6-dimethyl-	*	7.900	J		
P3912-01	282-COMPOSITE-1	Water	Naphthalene, 1,7-dimethyl-	*	4.700	J		
P3912-01	282-COMPOSITE-1	Water	Naphthalene, 1-ethyl-	*	3.400	J		
P3912-01	282-COMPOSITE-1	Water	Naphthalene, 2,3-dimethyl-	*	12.100	J		
P3912-01	282-COMPOSITE-1	Water	Naphthalene, 2,6-dimethyl-	*	4.800	J		
P3912-01	282-COMPOSITE-1	Water	Pyrene, 1-methyl-	*	2.200	J		
Total Tics :				214.20				
P3912-01	282-COMPOSITE-1	Water	1,1-Biphenyl		8.700	0.91	5	ug/L
P3912-01	282-COMPOSITE-1	Water	1-Methylnaphthalene		29.700	0.86	5	ug/L
P3912-01	282-COMPOSITE-1	Water	2-Methylnaphthalene		45.400	1.1	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Acenaphthene		73.200	0.81	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BF091124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3912-01	282-COMPOSITE-1	Water	Acenaphthylene	3.400	J	1	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Anthracene	8.500		1.1	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Carbazole	3.900	J	1.2	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Dibenzofuran	50.000		0.93	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Fluoranthene	24.700		1.3	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Fluorene	76.800		0.96	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Naphthalene	30.400		1	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Phenanthrene	92.300	E	0.89	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Pyrene	12.400		1.1	5	ug/L
P3912-01	282-COMPOSITE-1	Water	Total PAH	321.000		17.36	80	ug/L
Total Svoc :				780.40				
Total Concentration:				994.60				
Client ID : NB-07091024								
P3925-01	NB-07091024	Solid	1-Phenyl-1-butene	*	370.000	J		
P3925-01	NB-07091024	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3925-01	NB-07091024	Solid	Dodecane, 1-iodo-	*	1,000.000	J		
P3925-01	NB-07091024	Solid	Dodecane, 2,6,10-trimethyl-	*	630.000	J		
P3925-01	NB-07091024	Solid	Dodecane, 2-methyl-6-propyl-	*	2,000.000	J		
P3925-01	NB-07091024	Solid	Eicosane	*	1,300.000	J		
P3925-01	NB-07091024	Solid	Heneicosane	*	1,400.000	J		
P3925-01	NB-07091024	Solid	Heptacosane	*	880.000	J		
P3925-01	NB-07091024	Solid	Heptadecane	*	3,600.000	J		
P3925-01	NB-07091024	Solid	Hexacosane	*	390.000	J		
P3925-01	NB-07091024	Solid	Hexadecane	*	1,100.000	J		
P3925-01	NB-07091024	Solid	Naphthalene, 1,2,3,4-tetrahydro-6-	*	410.000	J		
P3925-01	NB-07091024	Solid	Naphthalene, 1,6-dimethyl-	*	540.000	J		
P3925-01	NB-07091024	Solid	Nonadecane	*	1,500.000	J		
P3925-01	NB-07091024	Solid	Octacosane	*	510.000	J		
P3925-01	NB-07091024	Solid	Pentadecane	*	1,400.000	J		
P3925-01	NB-07091024	Solid	Tetradecane	*	1,400.000	J		
P3925-01	NB-07091024	Solid	Tridecane	*	680.000	J		
P3925-01	NB-07091024	Solid	Tridecane, 6-methyl-	*	800.000	J		
P3925-01	NB-07091024	Solid	unknown9.116	*	400.000	J		
Total Tics :				21,810.00				
P3925-01	NB-07091024	Solid	2-Methylnaphthalene		120.000	J	100	ug/Kg
P3925-01	NB-07091024	Solid	Benzo(a)anthracene		190.000	J	100	ug/Kg
P3925-01	NB-07091024	Solid	Benzo(a)pyrene		210.000		120	ug/Kg
P3925-01	NB-07091024	Solid	Benzo(b)fluoranthene		260.000		100	ug/Kg
P3925-01	NB-07091024	Solid	Benzo(g,h,i)perylene		130.000	J	100	ug/Kg
P3925-01	NB-07091024	Solid	Chrysene		150.000	J	100	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3925-01	NB-07091024	Solid	Fluoranthene	250.000		100	210	ug/Kg
P3925-01	NB-07091024	Solid	Pyrene	190.000	J	100	210	ug/Kg
Total Svoc :				1,500.00				
Total Concentration:				23,310.00				

Client ID : BIN-2

P3929-01	BIN-2	Solid	11H-Benzo[b]fluorene	*	68.300	J		
P3929-01	BIN-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	120.000	A		
P3929-01	BIN-2	Solid	4H-Cyclopenta[def]phenanthrene	*	47.900	J		
P3929-01	BIN-2	Solid	8-Heptadecene	*	51.800	J		
P3929-01	BIN-2	Solid	Benzo[e]pyrene	*	95.500	J		
P3929-01	BIN-2	Solid	Benzophenone	*	110.000	J		
P3929-01	BIN-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3929-01	BIN-2	Solid	n-Hexadecanoic acid	*	290.000	J		
P3929-01	BIN-2	Solid	Octadecane	*	51.300	J		
P3929-01	BIN-2	Solid	Pyrene, 1-methyl-	*	45.500	J		
P3929-01	BIN-2	Solid	Squalene	*	160.000	J		
P3929-01	BIN-2	Solid	Trichloroacetic acid, hexadecyl es	*	91.600	J		
Total Tics :				2,831.90				
P3929-01	BIN-2	Solid	Benzo(a)anthracene		160.000	52.7	110	ug/Kg
P3929-01	BIN-2	Solid	Benzo(a)pyrene		150.000	60.7	110	ug/Kg
P3929-01	BIN-2	Solid	Benzo(b)fluoranthene		210.000	52.9	110	ug/Kg
P3929-01	BIN-2	Solid	Benzo(g,h,i)perylene	J	77.700	52.3	110	ug/Kg
P3929-01	BIN-2	Solid	Benzo(k)fluoranthene	J	84.700	53.9	110	ug/Kg
P3929-01	BIN-2	Solid	Chrysene		170.000	51.9	110	ug/Kg
P3929-01	BIN-2	Solid	Fluoranthene		310.000	53.3	110	ug/Kg
P3929-01	BIN-2	Solid	Phenanthrene		160.000	54.8	110	ug/Kg
P3929-01	BIN-2	Solid	Pyrene		330.000	54.2	110	ug/Kg
Total Svoc :				1,652.40				
Total Concentration:				4,484.30				

Client ID : 72-11930

P3929-03	72-11930	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3929-03	72-11930	Solid	4H-Cyclopenta[def]phenanthrene	*	52.800	J		
P3929-03	72-11930	Solid	Benzo[e]pyrene	*	46.700	J		
P3929-03	72-11930	Solid	Benzophenone	*	120.000	J		
P3929-03	72-11930	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		
P3929-03	72-11930	Solid	Cyclotridecane	*	140.000	J		
P3929-03	72-11930	Solid	n-Hexadecanoic acid	*	360.000	J		
P3929-03	72-11930	Solid	Octadecanoic acid	*	50.700	J		
P3929-03	72-11930	Solid	Supraene	*	110.000	J		
Total Tics :				3,530.20				

Hit Summary Sheet SW-846

SDG No.: BF091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3929-03	72-11930	Solid	Benzo(a)anthracene	120.000		56.3	120	ug/Kg
P3929-03	72-11930	Solid	Benzo(b)fluoranthene	96.600	J	56.5	120	ug/Kg
P3929-03	72-11930	Solid	Bis(2-ethylhexyl)phthalate	160.000		63.5	120	ug/Kg
P3929-03	72-11930	Solid	Chrysene	160.000		55.4	120	ug/Kg
P3929-03	72-11930	Solid	Fluoranthene	380.000		57	120	ug/Kg
P3929-03	72-11930	Solid	Pyrene	170.000		57.9	120	ug/Kg
Total Svoc :						1,086.60		
Total Concentration:						4,616.80		

Client ID : DN-B-33

P3930-01	DN-B-33	Solid	1,19-Eicosadiene	*	180.000	J		
P3930-01	DN-B-33	Solid	1,2,4,8-Tetramethylbicyclo[6.3.0]	*	790.000	J		
P3930-01	DN-B-33	Solid	1-Octadecene	*	560.000	J		
P3930-01	DN-B-33	Solid	2,6,10,14,18-Pentamethyl-2,6,10,1	*	290.000	J		
P3930-01	DN-B-33	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	160.000	A		
P3930-01	DN-B-33	Solid	Benzophenone	*	200.000	J		
P3930-01	DN-B-33	Solid	Butane, 2-methoxy-2-methyl-	*	2,200.000	J		
P3930-01	DN-B-33	Solid	Cyclohexadecane	*	210.000	J		
P3930-01	DN-B-33	Solid	Heneicosane, 11-decyl-	*	350.000	J		
P3930-01	DN-B-33	Solid	n-Hexadecanoic acid	*	320.000	J		
P3930-01	DN-B-33	Solid	Octadecane	*	290.000	J		
P3930-01	DN-B-33	Solid	Octadecanoic acid	*	120.000	J		
P3930-01	DN-B-33	Solid	Oxirane, tetradecyl-	*	180.000	J		
P3930-01	DN-B-33	Solid	Pentadecanal-	*	150.000	J		
P3930-01	DN-B-33	Solid	unknown13.680	*	160.000	J		
P3930-01	DN-B-33	Solid	unknown16.645	*	130.000	J		
Total Tics :						6,290.00		
P3930-01	DN-B-33	Solid	Bis(2-ethylhexyl)phthalate		110.000	J 100	190	ug/Kg
Total Svoc :						110.00		
Total Concentration:						6,400.00		

Client ID : DN-B-34

P3930-02	DN-B-34	Solid	Butane, 2-methoxy-2-methyl-	*	480.000	J		
P3930-02	DN-B-34	Solid	Heptadecyl heptafluorobutyrate	*	79.400	J		
P3930-02	DN-B-34	Solid	Hexanedioic acid, dioctyl ester	*	73.100	J		
P3930-02	DN-B-34	Solid	Nonadecane	*	120.000	J		
P3930-02	DN-B-34	Solid	unknown15.339	*	260.000	J		
Total Tics :						1,012.50		
Total Concentration:						1,012.50		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF090424

SAS No.: BF090424

SDG No.: BF090424

Instrument ID: _____

Calibration Date(s): 9/4/2024 1: _____

Calibration Time(s): 11:39 _____

LAB FILE ID:		RRF2.5 = BF139234.D			RRF005 = BF139235.D		RRF010 = BF139236.D	
		RRF020 = BF139237.D			RRF040 = BF139238.D		RRF050 = BF139239.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.883	0.876	0.895	0.858	0.848	0.873	1.9
Pyridine		1.421	1.402	1.399	1.301	1.300	1.344	4.5
2-Fluorophenol		1.281	1.246	1.262	1.144	1.146	1.196	5.5
Benzaldehyde		1.131	1.111	1.049	0.857	0.836	0.966	15.2
Aniline		1.597	1.558	1.537	1.420	1.402	1.468	6.4
Phenol-d6		1.758	1.682	1.667	1.543	1.508	1.596	6.6
Phenol		1.847	1.799	1.773	1.629	1.606	1.683	7.3
bis(2-Chloroethyl)ether		1.312	1.285	1.259	1.154	1.169	1.206	6.7
2-Chlorophenol		1.365	1.322	1.301	1.180	1.170	1.239	7.1
1,2-Dichlorobenzene		1.467	1.422	1.391	1.265	1.216	1.309	8.8
1,3-Dichlorobenzene		1.551	1.499	1.465	1.344	1.324	1.402	7.2
1,4-Dichlorobenzene		1.537	1.496	1.490	1.352	1.326	1.404	7.1
Benzyl Alcohol		1.229	1.189	1.223	1.140	1.120	1.164	4.3
2-Methylphenol		1.082	1.064	1.050	0.975	0.964	1.012	5.0
2,2-oxybis(1-Chloropropane)		2.481	2.420	2.398	2.238	2.182	2.296	5.9
Acetophenone		0.531	0.503	0.504	0.459	0.447	0.476	7.5
3+4-Methylphenols		1.401	1.370	1.352	1.239	1.195	1.276	7.6
n-Nitroso-di-n-propylamine		0.998	0.987	0.952	0.880	0.863	0.919	6.3
Nitrobenzene-d5	0.371	0.401	0.387	0.403	0.377	0.374	0.384	3.2
Hexachloroethane		0.543	0.522	0.519	0.482	0.480	0.501	5.3
Nitrobenzene		0.416	0.425	0.425	0.397	0.393	0.408	3.4
Isophorone		0.680	0.670	0.684	0.641	0.630	0.657	3.2
2-Nitrophenol		0.137	0.148	0.166	0.164	0.165	0.160	7.8
2,4-Dimethylphenol		0.235	0.232	0.237	0.226	0.222	0.229	2.8
bis(2-Chloroethoxy)methane		0.410	0.410	0.411	0.378	0.373	0.392	4.6
2,4-Dichlorophenol		0.279	0.276	0.290	0.270	0.266	0.274	3.3
1,2,4-Trichlorobenzene		0.334	0.325	0.324	0.304	0.299	0.313	5.1
Benzoic acid			0.161	0.198	0.204	0.218	0.208	13.4
Naphthalene		1.117	1.065	1.068	0.982	0.954	1.013	6.9
4-Chloroaniline		0.380	0.364	0.364	0.335	0.332	0.351	5.4
Hexachlorobutadiene		0.214	0.205	0.208	0.190	0.189	0.198	5.7
Caprolactam		0.081	0.085	0.088	0.085	0.083	0.085	3.0
4-Chloro-3-methylphenol		0.309	0.299	0.313	0.295	0.284	0.298	3.5
2-Methylnaphthalene		0.708	0.665	0.670	0.609	0.592	0.634	7.5
Hexachlorocyclopentadiene		0.153	0.174	0.190	0.192	0.186	0.182	7.7
2,4,6-Trichlorophenol		0.381	0.362	0.380	0.374	0.356	0.370	2.5

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.: BF090424 SAS No.: BF090424 SDG No.: BF090424
Instrument ID: _____ Calibration Date(s): 9/4/2024 1: _____
Calibration Time(s): 11:39 _____

LAB FILE ID:		RRF2.5 = BF139234.D			RRF005 = BF139235.D		RRF010 = BF139236.D	
		RRF020 = BF139237.D			RRF040 = BF139238.D		RRF050 = BF139239.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.434	1.406	1.214	1.183	1.296	11.6
2,4,5-Trichlorophenol		0.389	0.398	0.417	0.379	0.377	0.388	4.4
1,1-Biphenyl		1.645	1.577	1.576	1.423	1.393	1.482	7.8
2-Chloronaphthalene		1.236	1.171	1.194	1.068	1.053	1.119	7.2
2-Nitroaniline		0.351	0.374	0.400	0.386	0.387	0.385	4.7
Dimethylphthalate		1.311	1.264	1.282	1.163	1.142	1.212	5.9
Acenaphthylene		1.851	1.774	1.797	1.623	1.585	1.685	7.1
2,6-Dinitrotoluene		0.268	0.271	0.289	0.277	0.269	0.275	2.7
3-Nitroaniline		0.290	0.291	0.310	0.292	0.287	0.293	2.8
Acenaphthene		1.184	1.153	1.177	1.087	1.074	1.118	4.7
2,4-Dinitrophenol			0.070	0.099	0.121	0.128	0.118	24.4
4-Nitrophenol		0.187	0.204	0.231	0.225	0.219	0.216	7.4
Dibenzofuran		1.779	1.687	1.719	1.537	1.508	1.603	7.8
2,4-Dinitrotoluene		0.308	0.344	0.371	0.360	0.353	0.350	5.9
Diethylphthalate		1.270	1.222	1.262	1.163	1.137	1.193	4.9
4-Chlorophenyl-phenylether		0.669	0.643	0.645	0.580	0.556	0.599	8.8
Fluorene		1.419	1.336	1.317	1.192	1.148	1.242	9.2
4-Nitroaniline		0.261	0.282	0.300	0.283	0.277	0.279	4.7
4,6-Dinitro-2-methylphenol			0.065	0.087	0.096	0.097	0.092	16.4
n-Nitrosodiphenylamine		0.621	0.605	0.612	0.557	0.550	0.582	5.1
Azobenzene		1.378	1.290	1.332	1.213	1.181	1.257	6.3
2,4,6-Tribromophenol		0.176	0.176	0.184	0.169	0.167	0.173	4.1
4-Bromophenyl-phenylether		0.201	0.201	0.202	0.189	0.182	0.194	4.2
Hexachlorobenzene		0.240	0.230	0.232	0.213	0.210	0.222	5.3
Atrazine		0.158	0.154	0.142	0.125	0.093	0.134	19.8
Pentachlorophenol		0.102	0.118	0.136	0.136	0.133	0.128	10.5
Phenanthrene		1.042	0.991	0.996	0.889	0.871	0.934	7.9
Anthracene		0.991	0.972	0.972	0.887	0.853	0.913	7.0
Carbazole		0.932	0.912	0.937	0.826	0.796	0.853	8.6
Di-n-butylphthalate		0.877	0.904	0.947	0.883	0.841	0.873	5.1
Fluoranthene		1.054	1.046	1.049	0.901	0.851	0.937	11.8
Benzidine		0.389	0.420	0.405	0.435	0.383	0.403	4.6
Pyrene		2.084	2.067	2.172	1.941	1.825	1.932	9.9
Terphenyl-d14		1.403	1.388	1.398	1.227	1.138	1.239	13.0
Butylbenzylphthalate		0.347	0.421	0.473	0.486	0.471	0.455	11.7
3,3-Dichlorobenzidine		0.282	0.300	0.340	0.347	0.351	0.339	10.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF090424 SAS No.: BF090424 SDG No.: BF090424
Instrument ID: _____ Calibration Date(s): 9/4/2024 1: _____
Calibration Time(s): 11:39 _____

LAB FILE ID:		RRF2.5 = BF139234.D			RRF005 = BF139235.D		RRF010 = BF139236.D	
		RRF020 = BF139237.D			RRF040 = BF139238.D		RRF050 = BF139239.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.351	1.321	1.324	1.220	1.238	1.277	4.5
Chrysene		1.246	1.228	1.252	1.194	1.100	1.192	4.6
Bis(2-ethylhexyl)phthalate		0.392	0.442	0.512	0.578	0.565	0.534	16.8
Di-n-octyl phthalate			0.709	0.891	1.071	1.087	1.022	18.4
Benzo(b)fluoranthene		1.153	1.118	1.274	1.145	1.073	1.152	5.9
Benzo(k)fluoranthene		1.085	1.102	1.010	1.021	1.043	1.033	4.5
Benzo(a)pyrene		0.954	0.944	1.020	0.984	0.965	0.978	2.9
Indeno(1,2,3-cd)pyrene		1.196	1.251	1.284	1.257	1.244	1.249	2.4
Dibenzo(a,h)anthracene		0.979	1.028	1.078	1.047	1.021	1.030	3.1
Benzo(g,h,i)perylene		1.062	1.037	1.115	1.063	1.051	1.063	2.6
1,2,4,5-Tetrachlorobenzene		0.623	0.605	0.600	0.539	0.529	0.566	7.5
1,4-Dioxane		0.598	0.557	0.577	0.544	0.536	0.557	4.3
2,3,4,6-Tetrachlorophenol		0.312	0.316	0.322	0.300	0.296	0.305	3.9
1-Methylnaphthalene		0.688	0.669	0.654	0.602	0.585	0.623	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 10:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	130545	6.893	471691	8.18	256219	9.93
	UPPER LIMIT	261090	7.393	943382	8.675	512438	10.428
	LOWER LIMIT	65272.5	6.393	235845.5	7.675	128109.5	9.428
	EPA SAMPLE NO.						
01	PB163259BL	158149	6.88	614090	8.16	347302	9.92
02	PB163259BS	118819	6.89	444485	8.17	246640	9.92
03	PB163274BL	125561	6.88	477210	8.16	273726	9.92
04	PB163274BS	119510	6.89	446391	8.16	248127	9.92
05	PB163274BSD	118822	6.88	446813	8.16	248390	9.92
06	PB163203TB	117055	6.88	445832	8.16	253756	9.92
07	PB163205TB	118040	6.88	441089	8.16	253716	9.92
08	PL-701-COMP-55	97980	6.89	366022	8.16	209143	9.92
09	SU-701-COMP-03	99765	6.88	384588	8.16	219598	9.92
10	PL-701-COMP-54	104021	6.88	396075	8.16	227477	9.92
11	COMP-1	100012	6.89	379305	8.16	213496	9.92
12	SU-701-COMP-02	100957	6.89	376641	8.16	215323	9.92
13	SU-701-COMP-01	98904	6.89	372628	8.16	209756	9.92
14	282-COMPOSITE-1	103419	6.88	392876	8.16	215180	9.92
15	SU-701-COMP-01	115338	6.88	428158	8.16	212618	9.92
16	TP-3BDL	118635	6.88	435391	8.16	216228	9.92
17	72-11930	63238 *	6.88	236194	8.16	193238	9.92
18	72-11930MS	66167	6.89	407056	8.17	205609	9.92
19	72-11930MSD	57247 *	6.89	215802 *	8.17	109802 *	9.92
20	BIN-2	73127	6.88	373773	8.16	118063 *	9.92
21	NB-07091024	57520 *	6.88	194260 *	8.16	81133 *	9.92
22	DN-B-33	76775	6.89	232914 *	8.16	113914 *	9.92
23	DN-B-34	73061	6.89	233804 *	8.16	123170 *	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 20:55

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	130545	6.893	471691	8.18	256219	9.93
UPPER LIMIT	261090	7.393	943382	8.675	512438	10.428
LOWER LIMIT	65272.5	6.393	235845.5	7.675	128109.5	9.428
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.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139315.D Time Analyzed: 10:50

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	135039	6.887	496941	8.17	272953	9.92
	UPPER LIMIT	270078	7.387	993882	8.669	545906	10.422
	LOWER LIMIT	67519.5	6.387	248470.5	7.669	136476.5	9.422
	EPA SAMPLE NO.						
01	PB163259BL	158149	6.88	614090	8.16	347302	9.92
02	PB163259BS	118819	6.89	444485	8.17	246640	9.92
03	PB163274BL	125561	6.88	477210	8.16	273726	9.92
04	PB163274BS	119510	6.89	446391	8.16	248127	9.92
05	PB163274BSD	118822	6.88	446813	8.16	248390	9.92
06	PB163203TB	117055	6.88	445832	8.16	253756	9.92
07	PB163205TB	118040	6.88	441089	8.16	253716	9.92
08	PL-701-COMP-55	97980	6.89	366022	8.16	209143	9.92
09	SU-701-COMP-03	99765	6.88	384588	8.16	219598	9.92
10	PL-701-COMP-54	104021	6.88	396075	8.16	227477	9.92
11	COMP-1	100012	6.89	379305	8.16	213496	9.92
12	SU-701-COMP-02	100957	6.89	376641	8.16	215323	9.92
13	SU-701-COMP-01	98904	6.89	372628	8.16	209756	9.92
14	282-COMPOSITE-1	103419	6.88	392876	8.16	215180	9.92
15	SU-701-COMP-01	115338	6.88	428158	8.16	212618	9.92
16	TP-3BDL	118635	6.88	435391	8.16	216228	9.92
17	72-11930	63238 *	6.88	236194 *	8.16	193238	9.92
18	72-11930MS	66167 *	6.89	407056	8.17	205609	9.92
19	72-11930MSD	57247 *	6.89	215802 *	8.17	109802 *	9.92
20	BIN-2	73127	6.88	373773	8.16	118063 *	9.92
21	NB-07091024	57520 *	6.88	194260 *	8.16	81133 *	9.92
22	DN-B-33	76775	6.89	232914 *	8.16	113914 *	9.92
23	DN-B-34	73061	6.89	233804 *	8.16	123170 *	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139315.D Time Analyzed: 20:55

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	135039	6.887	496941	8.17	272953	9.92
UPPER LIMIT	270078	7.387	993882	8.669	545906	10.422
LOWER LIMIT	67519.5	6.387	248470.5	7.669	136476.5	9.422
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.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 10:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	463513	11.416	215446	14.051	225523	15.527
	UPPER LIMIT	927026	11.916	430892	14.551	451046	16.027
	LOWER LIMIT	231756.5	10.916	107723	13.551	112761.5	15.027
	EPA SAMPLE NO.						
01	PB163259BL	670210	11.40	379688	14.04	295182	15.52
02	PB163259BS	454571	11.41	232797	14.05	216721	15.52
03	PB163274BL	526398	11.40	297886	14.04	242419	15.52
04	PB163274BS	451359	11.41	232651	14.07	207802	15.60
05	PB163274BSD	465679	11.41	255508	14.07	218658	15.58
06	PB163203TB	489542	11.40	307207	14.05	235860	15.55
07	PB163205TB	489213	11.40	302442	14.05	233324	15.54
08	PL-701-COMP-55	389697	11.40	222618	14.04	171301	15.52
09	SU-701-COMP-03	410855	11.40	212608	14.04	182516	15.52
10	PL-701-COMP-54	440848	11.40	283373	14.04	192366	15.52
11	COMP-1	420288	11.40	225192	14.04	177983	15.52
12	SU-701-COMP-02	403967	11.40	204597	14.04	148019	15.51
13	SU-701-COMP-01	402152	11.40	207478	14.04	119401	15.51
14	282-COMPOSITE-1	392550	11.41	192110	14.04	95720 *	15.51
15	SU-701-COMP-01	301302	11.40	193752	14.04	151350	15.52
16	TP-3BDL	313238	11.40	207856	14.05	166105	15.52
17	72-11930	276297	11.40	187453	14.04	151491	15.52
18	72-11930MS	302199	11.41	190394	14.05	157374	15.52
19	72-11930MSD	164983 *	11.41	103810 *	14.05	78333 *	15.52
20	BIN-2	262108	11.40	108012	14.04	136855	15.52
21	NB-07091024	127051 *	11.40	84506 *	14.05	64985 *	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 20:28

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	463513	11.416	215446	14.051	225523	15.527
UPPER LIMIT	927026	11.916	430892	14.551	451046	16.027
LOWER LIMIT	231756.5	10.916	107723	13.551	112761.5	15.027
EPA SAMPLE NO.						
22 DN-B-33	231133 *	11.40	94425 *	14.04	114775	15.52
23 DN-B-34	247175	11.40	109969	14.05	136979	15.52

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.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139315.D Time Analyzed: 10:50

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	491561	11.41	239083	14.045	227647	15.515
	UPPER LIMIT	983122	11.91	478166	14.545	455294	16.015
	LOWER LIMIT	245780.5	10.91	119541.5	13.545	113823.5	15.015
	EPA SAMPLE NO.						
01	PB163259BL	670210	11.40	379688	14.04	295182	15.52
02	PB163259BS	454571	11.41	232797	14.05	216721	15.52
03	PB163274BL	526398	11.40	297886	14.04	242419	15.52
04	PB163274BS	451359	11.41	232651	14.07	207802	15.60
05	PB163274BSD	465679	11.41	255508	14.07	218658	15.58
06	PB163203TB	489542	11.40	307207	14.05	235860	15.55
07	PB163205TB	489213	11.40	302442	14.05	233324	15.54
08	PL-701-COMP-55	389697	11.40	222618	14.04	171301	15.52
09	SU-701-COMP-03	410855	11.40	212608	14.04	182516	15.52
10	PL-701-COMP-54	440848	11.40	283373	14.04	192366	15.52
11	COMP-1	420288	11.40	225192	14.04	177983	15.52
12	SU-701-COMP-02	403967	11.40	204597	14.04	148019	15.51
13	SU-701-COMP-01	402152	11.40	207478	14.04	119401	15.51
14	282-COMPOSITE-1	392550	11.41	192110	14.04	95720 *	15.51
15	SU-701-COMP-01	301302	11.40	193752	14.04	151350	15.52
16	TP-3BDL	313238	11.40	207856	14.05	166105	15.52
17	72-11930	276297	11.40	187453	14.04	151491	15.52
18	72-11930MS	302199	11.41	190394	14.05	157374	15.52
19	72-11930MSD	164983 *	11.41	103810 *	14.05	78333 *	15.52
20	BIN-2	262108	11.40	108012 *	14.04	136855	15.52
21	NB-07091024	127051 *	11.40	84506 *	14.05	64985 *	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091124 SAS No.: BF091124 SDG NO.: BF091124

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BF139315.D Time Analyzed: 20:28

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	491561	11.41	239083	14.045	227647	15.515
UPPER LIMIT	983122	11.91	478166	14.545	455294	16.015
LOWER LIMIT	245780.5	10.91	119541.5	13.545	113823.5	15.015
EPA SAMPLE NO.						
22 DN-B-33	231133 *	11.40	94425 *	14.04	114775	15.52
23 DN-B-34	247175	11.40	109969 *	14.05	136979	15.52

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.: BF091124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163259BS	n-Nitrosodimethylamine	50	42	ug/L	84				55	108	
	Pyridine	50	37.6	ug/L	75				29	97	
	Benzaldehyde	50	14.7	ug/L	29				10	162	
	Aniline	50	44.2	ug/L	88				10	130	
	Phenol	50	44.9	ug/L	90				66	118	
	bis(2-Chloroethyl)ether	50	46.2	ug/L	92				62	103	
	2-Chlorophenol	50	46.8	ug/L	94				70	117	
	1,2-Dichlorobenzene	50	44.4	ug/L	89				72	102	
	1,3-Dichlorobenzene	50	42.8	ug/L	86				71	103	
	1,4-Dichlorobenzene	50	43.2	ug/L	86				76	103	
	Benzyl Alcohol	50	48.1	ug/L	96		*		36	93	
	2-Methylphenol	50	46	ug/L	92				69	109	
	2,2-oxybis(1-Chloropropane)	50	45.3	ug/L	91				65	100	
	Acetophenone	50	44.5	ug/L	89				60	104	
	3+4-Methylphenols	50	46.2	ug/L	92				67	106	
	N-Nitroso-di-n-propylamine	50	48.2	ug/L	96				57	107	
	Hexachloroethane	50	45.3	ug/L	91				76	118	
	Nitrobenzene	50	43	ug/L	86				58	106	
	Isophorone	50	48.3	ug/L	97				61	102	
	2-Nitrophenol	50	49.6	ug/L	99				70	115	
	2,4-Dimethylphenol	50	56.2	ug/L	112				42	142	
	bis(2-Chloroethoxy)methane	50	46.5	ug/L	93				58	109	
	2,4-Dichlorophenol	50	47.5	ug/L	95				66	115	
	1,2,4-Trichlorobenzene	50	43.7	ug/L	87				41	115	
	Benzoic acid	50	43.1	ug/L	86				10	125	
	Naphthalene	50	44.8	ug/L	90				64	107	
	4-Chloroaniline	50	32.9	ug/L	66				10	85	
	Hexachlorobutadiene	50	45.5	ug/L	91				69	101	
	Caprolactam	50	47.8	ug/L	96				58	128	
	4-Chloro-3-methylphenol	50	48	ug/L	96				65	114	
	2-Methylnaphthalene	50	47.3	ug/L	95				64	107	
	Hexachlorocyclopentadiene	100	180	ug/L	180		*		36	160	
	2,4,6-Trichlorophenol	50	48.6	ug/L	97				61	110	
	2,4,5-Trichlorophenol	50	47.1	ug/L	94				70	106	
	1,1-Biphenyl	50	44.7	ug/L	89				72	98	
	2-Chloronaphthalene	50	44.9	ug/L	90				59	106	
	2-Nitroaniline	50	48.2	ug/L	96				73	114	
	Dimethylphthalate	50	48.6	ug/L	97				64	103	
	Acenaphthylene	50	48.1	ug/L	96				79	103	
	2,6-Dinitrotoluene	50	46.4	ug/L	93				64	110	
	3-Nitroaniline	50	35	ug/L	70				28	100	
	Acenaphthene	50	52.4	ug/L	105				59	113	
	Total PAH	800	771.6	ug/L	96				59	113	
	2,4-Dinitrophenol	100	98.4	ug/L	98				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091124**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163259BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	46.8	ug/L	94				65	106	
	2,4-Dinitrotoluene	50	48.9	ug/L	98				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	95.3	ug/L	95				60	115	
	Diethylphthalate	50	49.3	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	47.1	ug/L	94				61	104	
	Fluorene	50	46.7	ug/L	93				64	107	
	4-Nitroaniline	50	48.2	ug/L	96				55	125	
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107				62	132	
	N-Nitrosodiphenylamine	50	46.9	ug/L	94				61	109	
	Azobenzene	50	47.8	ug/L	96				59	106	
	4-Bromophenyl-phenylether	50	47.3	ug/L	95				73	103	
	Hexachlorobenzene	50	45.9	ug/L	92				73	106	
	Atrazine	50	64.9	ug/L	130		*		76	120	
	Pentachlorophenol	100	96	ug/L	96				47	114	
	Phenanthrene	50	47.5	ug/L	95				62	109	
	Anthracene	50	49.4	ug/L	99				65	110	
	Carbazole	50	47.7	ug/L	95				62	106	
	Di-n-butylphthalate	50	53.9	ug/L	108		*		64	106	
	Fluoranthene	50	48.7	ug/L	97				64	110	
	Benzidine	100	59.7	ug/L	60				10	94	
	Pyrene	50	46.8	ug/L	94				71	103	
	Butylbenzylphthalate	50	64.9	ug/L	130		*		61	105	
	3,3-Dichlorobenzidine	50	43	ug/L	86				43	108	
	Benzo(a)anthracene	50	49.4	ug/L	99				62	107	
	Chrysene	50	46.7	ug/L	93				61	108	
	bis(2-Ethylhexyl)phthalate	50	63.7	ug/L	127		*		59	110	
	Di-n-octyl phthalate	50	51.4	ug/L	103				52	139	
	Benzo(b)fluoranthene	50	51.2	ug/L	102				77	113	
	Benzo(k)fluoranthene	50	46.4	ug/L	93				77	105	
	Benzo(a)pyrene	50	52.3	ug/L	105				72	131	
	Indeno(1,2,3-cd)pyrene	50	49	ug/L	98				72	105	
	Dibenz(a,h)anthracene	50	48.5	ug/L	97				78	115	
	Benzo(g,h,i)perylene	50	43.7	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	44.5	ug/L	89				72	101	
	1,4-Dioxane	50	33.8	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.9	ug/L	102				63	116	
	1-Methylnaphthalene	50	44.6	ug/L	89				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163274BS	n-Nitrosodimethylamine	50	41.2	ug/L	82				55	108	
	Pyridine	50	37.1	ug/L	74				29	97	
	Benzaldehyde	50	14.4	ug/L	29				10	162	
	Aniline	50	42.1	ug/L	84				10	130	
	Phenol	50	43.7	ug/L	87				66	118	
	bis(2-Chloroethyl)ether	50	44.8	ug/L	90				62	103	
	2-Chlorophenol	50	45.4	ug/L	91				70	117	
	1,2-Dichlorobenzene	50	43.3	ug/L	87				72	102	
	1,3-Dichlorobenzene	50	41.5	ug/L	83				71	103	
	1,4-Dichlorobenzene	50	42.1	ug/L	84				76	103	
	Benzyl Alcohol	50	46.7	ug/L	93				36	93	
	2-Methylphenol	50	45.1	ug/L	90				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.5	ug/L	89				65	100	
	Acetophenone	50	43.8	ug/L	88				60	104	
	3+4-Methylphenols	50	44.9	ug/L	90				67	106	
	N-Nitroso-di-n-propylamine	50	46.5	ug/L	93				57	107	
	Hexachloroethane	50	44.6	ug/L	89				76	118	
	Nitrobenzene	50	41.9	ug/L	84				58	106	
	Isophorone	50	46.5	ug/L	93				61	102	
	2-Nitrophenol	50	49.2	ug/L	98				70	115	
	2,4-Dimethylphenol	50	55.2	ug/L	110				42	142	
	bis(2-Chloroethoxy)methane	50	45.6	ug/L	91				58	109	
	2,4-Dichlorophenol	50	46.6	ug/L	93				66	115	
	1,2,4-Trichlorobenzene	50	42.4	ug/L	85				41	115	
	Benzoic acid	50	43.9	ug/L	88				10	125	
	Naphthalene	50	43.7	ug/L	87				64	107	
	4-Chloroaniline	50	32.3	ug/L	65				10	85	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	Caprolactam	50	45.8	ug/L	92				58	128	
	4-Chloro-3-methylphenol	50	46.7	ug/L	93				65	114	
	2-Methylnaphthalene	50	46.1	ug/L	92				64	107	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160	
	2,4,6-Trichlorophenol	50	48	ug/L	96				61	110	
	2,4,5-Trichlorophenol	50	44.9	ug/L	90				70	106	
	1,1-Biphenyl	50	43.7	ug/L	87				72	98	
	2-Chloronaphthalene	50	43.5	ug/L	87				59	106	
	2-Nitroaniline	50	47	ug/L	94				73	114	
	Dimethylphthalate	50	47.3	ug/L	95				64	103	
	Acenaphthylene	50	47.5	ug/L	95				79	103	
	2,6-Dinitrotoluene	50	45.8	ug/L	92				64	110	
	3-Nitroaniline	50	33.1	ug/L	66				28	100	
	Acenaphthene	50	51.4	ug/L	103				59	113	
	Total PAH	800	765.5	ug/L	96				59	113	
	2,4-Dinitrophenol	100	97.6	ug/L	98				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB163274BS	4-Nitrophenol	100	94.9	ug/L	95				45	147	
	Dibenzofuran	50	45.5	ug/L	91				65	106	
	2,4-Dinitrotoluene	50	48.8	ug/L	98				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	94.6	ug/L	95				60	115	
	Diethylphthalate	50	48.5	ug/L	97				63	105	
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92				61	104	
	Fluorene	50	45.7	ug/L	91				64	107	
	4-Nitroaniline	50	46.7	ug/L	93				55	125	
	4,6-Dinitro-2-methylphenol	50	52.2	ug/L	104				62	132	
	N-Nitrosodiphenylamine	50	46.3	ug/L	93				61	109	
	Azobenzene	50	46	ug/L	92				59	106	
	4-Bromophenyl-phenylether	50	46.2	ug/L	92				73	103	
	Hexachlorobenzene	50	45.9	ug/L	92				73	106	
	Atrazine	50	63.3	ug/L	127		*		76	120	
	Pentachlorophenol	100	93.8	ug/L	94				47	114	
	Phenanthrene	50	46.5	ug/L	93				62	109	
	Anthracene	50	48.6	ug/L	97				65	110	
	Carbazole	50	46.7	ug/L	93				62	106	
	Di-n-butylphthalate	50	53.1	ug/L	106				64	106	
	Fluoranthene	50	47.8	ug/L	96				64	110	
	Benzidine	100	62.2	ug/L	62				10	94	
	Pyrene	50	45.7	ug/L	91				71	103	
	Butylbenzylphthalate	50	64	ug/L	128		*		61	105	
	3,3-Dichlorobenzidine	50	42.7	ug/L	85				43	108	
	Benzo(a)anthracene	50	46.1	ug/L	92				62	107	
	Chrysene	50	47.7	ug/L	95				61	108	
	bis(2-Ethylhexyl)phthalate	50	61.9	ug/L	124		*		59	110	
	Di-n-octyl phthalate	50	49.3	ug/L	99				52	139	
	Benzo(b)fluoranthene	50	48.6	ug/L	97				77	113	
	Benzo(k)fluoranthene	50	50.9	ug/L	102				77	105	
	Benzo(a)pyrene	50	52.6	ug/L	105				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.5	ug/L	99				72	105	
	Dibenz(a,h)anthracene	50	48.8	ug/L	98				78	115	
	Benzo(g,h,i)perylene	50	44.4	ug/L	89				75	118	
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87				72	101	
	1,4-Dioxane	50	34.3	ug/L	69				38	125	
	2,3,4,6-Tetrachlorophenol	50	50.2	ug/L	100				63	116	
	1-Methylnaphthalene	50	43.5	ug/L	87				51	114	
PB163274BSD	n-Nitrosodimethylamine	50	41.4	ug/L	83	0			55	108	20
	Pyridine	50	37.6	ug/L	75	1			29	97	20
	Benzaldehyde	50	14.7	ug/L	29	2			10	162	20
	Aniline	50	42.9	ug/L	86	2			10	130	20
	Phenol	50	44.2	ug/L	88	1			66	118	20
	bis(2-Chloroethyl)ether	50	44.5	ug/L	89	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091124**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163274BSD	2-Chlorophenol	50	45.8	ug/L	92	1			70	117	20
	1,2-Dichlorobenzene	50	43.7	ug/L	87	1			72	102	20
	1,3-Dichlorobenzene	50	42	ug/L	84	1			71	103	20
	1,4-Dichlorobenzene	50	42.4	ug/L	85	1			76	103	20
	Benzyl Alcohol	50	47.5	ug/L	95	2	*		36	93	20
	2-Methylphenol	50	45.8	ug/L	92	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	44.5	ug/L	89	0			65	100	20
	Acetophenone	50	44.1	ug/L	88	1			60	104	20
	3+4-Methylphenols	50	45.7	ug/L	91	2			67	106	20
	N-Nitroso-di-n-propylamine	50	47.3	ug/L	95	2			57	107	20
	Hexachloroethane	50	44.5	ug/L	89	0			76	118	20
	Nitrobenzene	50	42.6	ug/L	85	2			58	106	20
	Isophorone	50	46.9	ug/L	94	1			61	102	20
	2-Nitrophenol	50	49.5	ug/L	99	1			70	115	20
	2,4-Dimethylphenol	50	55.4	ug/L	111	0			42	142	20
	bis(2-Chloroethoxy)methane	50	45.5	ug/L	91	0			58	109	20
	2,4-Dichlorophenol	50	46.9	ug/L	94	1			66	115	20
	1,2,4-Trichlorobenzene	50	43	ug/L	86	1			41	115	20
	Benzoic acid	50	44	ug/L	88	0			10	125	20
	Naphthalene	50	44	ug/L	88	1			64	107	20
	4-Chloroaniline	50	31.6	ug/L	63	2			10	85	20
	Hexachlorobutadiene	50	44	ug/L	88	2			69	101	20
	Caprolactam	50	46.8	ug/L	94	2			58	128	20
	4-Chloro-3-methylphenol	50	47	ug/L	94	1			65	114	20
	2-Methylnaphthalene	50	46	ug/L	92	0			64	107	20
	Hexachlorocyclopentadiene	100	170	ug/L	170	0	*		36	160	20
	2,4,6-Trichlorophenol	50	48.6	ug/L	97	1			61	110	20
	2,4,5-Trichlorophenol	50	44.9	ug/L	90	0			70	106	20
	1,1-Biphenyl	50	44.5	ug/L	89	2			72	98	20
	2-Chloronaphthalene	50	43.8	ug/L	88	1			59	106	20
	2-Nitroaniline	50	48.3	ug/L	97	3			73	114	20
	Dimethylphthalate	50	47.8	ug/L	96	1			64	103	20
	Acenaphthylene	50	48	ug/L	96	1			79	103	20
	2,6-Dinitrotoluene	50	45.9	ug/L	92	0			64	110	20
	3-Nitroaniline	50	35	ug/L	70	6			28	100	20
	Acenaphthene	50	51.8	ug/L	104	1			59	113	20
	Total PAH	800	762.5	ug/L	95	0			59	113	20
	2,4-Dinitrophenol	100	100	ug/L	100	2			36	166	20
	4-Nitrophenol	100	98.4	ug/L	98	4			45	147	20
	Dibenzofuran	50	45.8	ug/L	92	1			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	95.5	ug/L	96	1			60	115	20
	2,4-Dinitrotoluene	50	49.6	ug/L	99	2			60	115	20
	Diethylphthalate	50	49.2	ug/L	98	1			63	105	20
	4-Chlorophenyl-phenylether	50	46.4	ug/L	93	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163274BSD	Fluorene	50	46.1	ug/L	92	1			64	107	20
	4-Nitroaniline	50	48.7	ug/L	97	4			55	125	20
	4,6-Dinitro-2-methylphenol	50	54.1	ug/L	108	4			62	132	20
	N-Nitrosodiphenylamine	50	45.8	ug/L	92	1			61	109	20
	Azobenzene	50	47.2	ug/L	94	3			59	106	20
	4-Bromophenyl-phenylether	50	46.1	ug/L	92	0			73	103	20
	Hexachlorobenzene	50	44.8	ug/L	90	2			73	106	20
	Atrazine	50	63.6	ug/L	127	0	*		76	120	20
	Pentachlorophenol	100	95.5	ug/L	96	2			47	114	20
	Phenanthrene	50	46.2	ug/L	92	1			62	109	20
	Anthracene	50	48.1	ug/L	96	1			65	110	20
	Carbazole	50	46.8	ug/L	94	0			62	106	20
	Di-n-butylphthalate	50	53.7	ug/L	107	1	*		64	106	20
	Fluoranthene	50	48.9	ug/L	98	2			64	110	20
	Benzidine	100	66.2	ug/L	66	6			10	94	20
	Pyrene	50	44.3	ug/L	89	3			71	103	20
	Butylbenzylphthalate	50	65.5	ug/L	131	2	*		61	105	20
	3,3-Dichlorobenzidine	50	42.7	ug/L	85	0			43	108	20
	Benzo(a)anthracene	50	47.3	ug/L	95	3			62	107	20
	Chrysene	50	46.4	ug/L	93	3			61	108	20
	bis(2-Ethylhexyl)phthalate	50	64.9	ug/L	130	5	*		59	110	20
	Di-n-octyl phthalate	50	49.1	ug/L	98	0			52	139	20
	Benzo(b)fluoranthene	50	52.6	ug/L	105	8			77	113	20
	Benzo(k)fluoranthene	50	46	ug/L	92	10			77	105	20
	Benzo(a)pyrene	50	52.5	ug/L	105	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	48.9	ug/L	98	1			72	105	20
	Dibenz(a,h)anthracene	50	47.9	ug/L	96	2			78	115	20
	Benzo(g,h,i)perylene	50	43.5	ug/L	87	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.3	ug/L	87	0			72	101	20
	1,4-Dioxane	50	33.5	ug/L	67	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	49.4	ug/L	99	2			63	116	20
	1-Methylnaphthalene	50	43.8	ug/L	88	1			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SU-701-COMP-01

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091124

SAS No.: BF091124 SDG NO.: BF091124

Lab File ID: BF139330.D

Lab Sample ID: P3906-01

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 17:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SU-701-COMP-01	P3906-01	BF139330.D	09/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163259BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091124

SAS No.: BF091124 SDG NO.: BF091124

Lab File ID: BF139316.D

Lab Sample ID: PB163259BL

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) water

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 10:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163259BS	PB163259BS	BF139317.D	09/11/2024
PB163203TB	PB163203TB	BF139321.D	09/11/2024
PB163205TB	PB163205TB	BF139322.D	09/11/2024
PL-701-COMP-55	P3907-08	BF139323.D	09/11/2024
SU-701-COMP-03	P3906-14	BF139324.D	09/11/2024
PL-701-COMP-54	P3907-02	BF139325.D	09/11/2024
COMP-1	P3905-06	BF139326.D	09/11/2024
SU-701-COMP-02	P3906-08	BF139327.D	09/11/2024
SU-701-COMP-01	P3906-02	BF139328.D	09/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163274BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091124

SAS No.: BF091124 SDG NO.: BF091124

Lab File ID: BF139318.D

Lab Sample ID: PB163274BL

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) Water

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 11:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163274BS	PB163274BS	BF139319.D	09/11/2024
PB163274BSD	PB163274BSD	BF139320.D	09/11/2024
282-COMPOSITE-1	P3912-01	BF139329.D	09/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

72-11930

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091124

SAS No.: BF091124 SDG NO.: BF091124

Lab File ID: BF139332.D

Lab Sample ID: P3929-03

Instrument ID: BNA_F

Date Extracted: 09/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 18:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
72-11930	P3929-03	BF139332.D	09/11/2024
72-11930MS	P3929-03MS	BF139333.D	09/11/2024
72-11930MSD	P3929-03MSD	BF139334.D	09/11/2024
BIN-2	P3929-01	BF139335.D	09/11/2024
NB-07091024	P3925-01	BF139336.D	09/11/2024
DN-B-33	P3930-01	BF139337.D	09/11/2024
DN-B-34	P3930-02	BF139338.D	09/11/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3929-03MS		Client Sample ID: 72-11930MS		DataFile: BF139333.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92				66	124	
Pyridine	1200		700	ug/Kg	58				45	119	
Benzaldehyde	1200		340	ug/Kg	28				10	86	
Aniline	1200		510	ug/Kg	43				10	88	
Phenol	1200		1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				54	125	
2-Chlorophenol	1200		1100	ug/Kg	92				79	107	
1,2-Dichlorobenzene	1200		1100	ug/Kg	92				61	105	
1,3-Dichlorobenzene	1200		1100	ug/Kg	92				62	101	
1,4-Dichlorobenzene	1200		1100	ug/Kg	92				63	104	
Benzyl Alcohol	1200		1200	ug/Kg	100				47	126	
2-Methylphenol	1200		1100	ug/Kg	92				66	122	
2,2-oxybis(1-Chloropropane)	1200		1000	ug/Kg	83				65	110	
Acetophenone	1200		720	ug/Kg	60	*			75	111	
3+4-Methylphenols	1200		1200	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1200		1200	ug/Kg	100				59	119	
Hexachloroethane	1200		1200	ug/Kg	100				65	117	
Nitrobenzene	1200		690	ug/Kg	58	*			70	119	
Isophorone	1200		1200	ug/Kg	100				76	122	
2-Nitrophenol	1200		1200	ug/Kg	100				54	145	
2,4-Dimethylphenol	1200		1300	ug/Kg	108				44	135	
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200		1100	ug/Kg	92				72	118	
1,2,4-Trichlorobenzene	1200		1100	ug/Kg	92				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		1100	ug/Kg	92				72	110	
4-Chloroaniline	1200		180	ug/Kg	15				10	91	
Hexachlorobutadiene	1200		1100	ug/Kg	92				66	114	
Caprolactam	1200		1100	ug/Kg	92				51	134	
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92				57	132	
2-Methylnaphthalene	1200		1100	ug/Kg	92				59	123	
Hexachlorocyclopentadiene	2300		2900	ug/Kg	126				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1100	ug/Kg	92				75	113	
2-Chloronaphthalene	1200		1100	ug/Kg	92				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				69	127	
Dimethylphthalate	1200		1200	ug/Kg	100				70	113	
Acenaphthylene	1200		1200	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1200		1100	ug/Kg	92				70	125	
3-Nitroaniline	1200		620	ug/Kg	52				30	99	
Acenaphthene	1200		1200	ug/Kg	100				70	121	
Total PAH	19200		18870	ug/Kg	98				70	121	
2,4-Dinitrophenol	2300		2100	ug/Kg	91				10	155	
4-Nitrophenol	2300		2100	ug/Kg	91				45	133	
Dibenzofuran	1200		1100	ug/Kg	92				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1100	ug/Kg	92				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2200	ug/Kg	92				55	128	
Diethylphthalate	1200		1200	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1200		1100	ug/Kg	92				71	108	
Fluorene	1200		1100	ug/Kg	92				68	116	
4-Nitroaniline	1200		950	ug/Kg	79				55	120	
4,6-Dinitro-2-methylphenol	1200		1300	ug/Kg	108				10	160	
N-Nitrosodiphenylamine	1200		1400	ug/Kg	117				73	118	
Azobenzene	1200		1200	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1200		1300	ug/Kg	108				65	121	
Hexachlorobenzene	1200		1200	ug/Kg	100				67	118	
Atrazine	1200		1700	ug/Kg	142	*			79	127	
Pentachlorophenol	2300		2400	ug/Kg	104				47	128	
Phenanthrene	1200		1200	ug/Kg	100				52	128	
Anthracene	1200		1200	ug/Kg	100				62	124	
Carbazole	1200		1100	ug/Kg	92				59	119	
Di-n-butylphthalate	1200		1400	ug/Kg	117				69	118	
Fluoranthene	1200		1500	ug/Kg	125				44	125	
Benzydine	2300		1000	ug/Kg	43				10	119	
Pyrene	1200		1000	ug/Kg	83				26	142	
Butylbenzylphthalate	1200		1600	ug/Kg	133	*			64	126	
3,3-Dichlorobenzidine	1200		910	ug/Kg	76				33	116	
Benzo(a)anthracene	1200		1300	ug/Kg	108				71	114	
Chrysene	1200		1300	ug/Kg	108				57	121	
bis(2-Ethylhexyl)phthalate	1200		1900	ug/Kg	158				42	169	
Di-n-octyl phthalate	1200		1600	ug/Kg	133				23	175	
Benzo(b)fluoranthene	1200		1400	ug/Kg	117				67	121	
Benzo(k)fluoranthene	1200		1200	ug/Kg	100				57	134	
Benzo(a)pyrene	1200		1300	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1200		1000	ug/Kg	83				40	129	
Dibenz(a,h)anthracene	1200		990	ug/Kg	83				43	123	
Benzo(g,h,i)perylene	1200		880	ug/Kg	73				24	125	
1,2,4,5-Tetrachlorobenzene	1200		1200	ug/Kg	100				69	124	
1,4-Dioxane	1200		800	ug/Kg	67				46	112	
2,3,4,6-Tetrachlorophenol	1200		1100	ug/Kg	92				69	112	
1-Methylnaphthalene	1200		1000	ug/Kg	83				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3929-03MSD		Client Sample ID: 72-11930MSD		DataFile: BF139334.D							
n-Nitrosodimethylamine	1200		1200	ug/Kg	100		8		66	124	20
Pyridine	1200		860	ug/Kg	72		22	*	45	119	20
Benzaldehyde	1200		360	ug/Kg	30		7		10	86	20
Aniline	1200		600	ug/Kg	50		15		10	88	20
Phenol	1200		1200	ug/Kg	100		8		67	126	20
bis(2-Chloroethyl)ether	1200		1200	ug/Kg	100		8		54	125	20
2-Chlorophenol	1200		1200	ug/Kg	100		8		79	107	20
1,2-Dichlorobenzene	1200		1200	ug/Kg	100		8		61	105	20
1,3-Dichlorobenzene	1200		1200	ug/Kg	100		8		62	101	20
1,4-Dichlorobenzene	1200		1200	ug/Kg	100		8		63	104	20
Benzyl Alcohol	1200		1400	ug/Kg	117		16		47	126	20
2-Methylphenol	1200		1200	ug/Kg	100		8		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1100	ug/Kg	92		10		65	110	20
Acetophenone	1200		1300	ug/Kg	108		57	*	75	111	20
3+4-Methylphenols	1200		1300	ug/Kg	108	*	8		66	104	20
N-Nitroso-di-n-propylamine	1200		1300	ug/Kg	108		8		59	119	20
Hexachloroethane	1200		1300	ug/Kg	108		8		65	117	20
Nitrobenzene	1200		1200	ug/Kg	100		53	*	70	119	20
Isophorone	1200		1300	ug/Kg	108		8		76	122	20
2-Nitrophenol	1200		1300	ug/Kg	108		8		54	145	20
2,4-Dimethylphenol	1200		1400	ug/Kg	117		8		44	135	20
bis(2-Chloroethoxy)methane	1200		1200	ug/Kg	100		8		68	112	20
2,4-Dichlorophenol	1200		1200	ug/Kg	100		8		72	118	20
1,2,4-Trichlorobenzene	1200		1200	ug/Kg	100		8		57	103	20
Benzoic acid	1200		1200	ug/Kg	100		8		50	104	20
Naphthalene	1200		1200	ug/Kg	100		8		72	110	20
4-Chloroaniline	1200		210	ug/Kg	18		18		10	91	20
Hexachlorobutadiene	1200		1300	ug/Kg	108		16		66	114	20
Caprolactam	1200		1200	ug/Kg	100		8		51	134	20
4-Chloro-3-methylphenol	1200		1300	ug/Kg	108		16		57	132	20
2-Methylnaphthalene	1200		1200	ug/Kg	100		8		59	123	20
Hexachlorocyclopentadiene	2300		3400	ug/Kg	148		16		10	175	20
2,4,6-Trichlorophenol	1200		1300	ug/Kg	108		8		72	117	20
2,4,5-Trichlorophenol	1200		1300	ug/Kg	108		16		72	117	20
1,1-Biphenyl	1200		1300	ug/Kg	108		16		75	113	20
2-Chloronaphthalene	1200		1200	ug/Kg	100		8		67	118	20
2-Nitroaniline	1200		1300	ug/Kg	108		8		69	127	20
Dimethylphthalate	1200		1400	ug/Kg	117	*	16		70	113	20
Acenaphthylene	1200		1300	ug/Kg	108		8		79	118	20
2,6-Dinitrotoluene	1200		1300	ug/Kg	108		16		70	125	20
3-Nitroaniline	1200		650	ug/Kg	54		4		30	99	20
Acenaphthene	1200		1400	ug/Kg	117		16		70	121	20
Total PAH	19200		20860	ug/Kg	109		11		70	121	20
2,4-Dinitrophenol	2300		2400	ug/Kg	104		13		10	155	20
4-Nitrophenol	2300		2300	ug/Kg	100		9		45	133	20
Dibenzofuran	1200		1300	ug/Kg	108		16		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1300	ug/Kg	108		16		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2600	ug/Kg	108		16		55	128	20
Diethylphthalate	1200		1400	ug/Kg	117	*	16		70	112	20
4-Chlorophenyl-phenylether	1200		1300	ug/Kg	108		16		71	108	20
Fluorene	1200		1200	ug/Kg	100		8		68	116	20
4-Nitroaniline	1200		1000	ug/Kg	83		5		55	120	20
4,6-Dinitro-2-methylphenol	1200		1400	ug/Kg	117		8		10	160	20
N-Nitrosodiphenylamine	1200		1500	ug/Kg	125	*	7		73	118	20
Azobenzene	1200		1300	ug/Kg	108		8		73	110	20
4-Bromophenyl-phenylether	1200		1500	ug/Kg	125	*	15		65	121	20
Hexachlorobenzene	1200		1300	ug/Kg	108		8		67	118	20
Atrazine	1200		2000	ug/Kg	167	*	16		79	127	20
Pentachlorophenol	2300		2800	ug/Kg	122		16		47	128	20
Phenanthrene	1200		1300	ug/Kg	108		8		52	128	20
Anthracene	1200		1400	ug/Kg	117		16		62	124	20
Carbazole	1200		1300	ug/Kg	108		16		59	119	20
Di-n-butylphthalate	1200		1600	ug/Kg	133	*	13		69	118	20
Fluoranthene	1200		1600	ug/Kg	133	*	6		44	125	20
Benzydine	2300		1100	ug/Kg	48		11		10	119	20
Pyrene	1200		1100	ug/Kg	92		10		26	142	20
Butylbenzylphthalate	1200		1700	ug/Kg	142	*	7		64	126	20
3,3-Dichlorobenzidine	1200		950	ug/Kg	79		4		33	116	20
Benzo(a)anthracene	1200		1400	ug/Kg	117	*	8		71	114	20
Chrysene	1200		1300	ug/Kg	108		0		57	121	20
bis(2-Ethylhexyl)phthalate	1200		2200	ug/Kg	183	*	15		42	169	20
Di-n-octyl phthalate	1200		1700	ug/Kg	142		7		23	175	20
Benzo(b)fluoranthene	1200		1600	ug/Kg	133	*	13		67	121	20
Benzo(k)fluoranthene	1200		1400	ug/Kg	117		16		57	134	20
Benzo(a)pyrene	1200		1500	ug/Kg	125		15		70	142	20
Indeno(1,2,3-cd)pyrene	1200		1100	ug/Kg	92		10		40	129	20
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92		10		43	123	20
Benzo(g,h,i)perylene	1200		960	ug/Kg	80		9		24	125	20
1,2,4,5-Tetrachlorobenzene	1200		1300	ug/Kg	108		8		69	124	20
1,4-Dioxane	1200		860	ug/Kg	72		7		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1300	ug/Kg	108		16		69	112	20
1-Methylnaphthalene	1200		1100	ug/Kg	92		10		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF091124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3905-03DL	TP-3BDL	BF139331.D	2-Fluorophenol	150	97.27	65		18	112
			Phenol-d6	150	95.96	64		15	107
			Nitrobenzene-d5	100	71.35	71		18	107
			2-Fluorobiphenyl	100	77.21	77		20	109
			2,4,6-Tribromophenol	150	93.89	63		10	116
			Terphenyl-d14	100	58.49	58		10	105
P3906-01	SU-701-COMP-01	BF139330.D	2-Fluorophenol	150	87.87	59		18	112
			Phenol-d6	150	89.17	59		15	107
			Nitrobenzene-d5	100	64.56	65		18	107
			2-Fluorobiphenyl	100	70.18	70		20	109
			2,4,6-Tribromophenol	150	85.37	57		10	116
			Terphenyl-d14	100	57.11	57		10	105

Surrogate Summary

SW-846

SDG No.: **BF091124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3905-06	COMP-1	BF139326.D	2-Fluorophenol	150	111.93	75		10	139
			Phenol-d6	150	103.48	69		10	134
			Nitrobenzene-d5	100	85.54	86		49	133
			2-Fluorobiphenyl	100	82.53	83		52	132
			2,4,6-Tribromophenol	150	154.94	103		44	137
			Terphenyl-d14	100	103.51	104		48	125
P3906-02	SU-701-COMP-01	BF139328.D	2-Fluorophenol	150	120.35	80		10	139
			Phenol-d6	150	112.34	75		10	134
			Nitrobenzene-d5	100	90.21	90		49	133
			2-Fluorobiphenyl	100	87.12	87		52	132
			2,4,6-Tribromophenol	150	159.55	106		44	137
			Terphenyl-d14	100	108.58	109		48	125
P3906-08	SU-701-COMP-02	BF139327.D	2-Fluorophenol	150	110.12	73		10	139
			Phenol-d6	150	103.31	69		10	134
			Nitrobenzene-d5	100	84.68	85		49	133
			2-Fluorobiphenyl	100	82.81	83		52	132
			2,4,6-Tribromophenol	150	147.52	98		44	137
			Terphenyl-d14	100	101.21	101		48	125
P3906-14	SU-701-COMP-03	BF139324.D	2-Fluorophenol	150	100.58	67		10	139
			Phenol-d6	150	101.81	68		10	134
			Nitrobenzene-d5	100	72.28	72		49	133
			2-Fluorobiphenyl	100	72.78	73		52	132
			2,4,6-Tribromophenol	150	144.65	96		44	137
			Terphenyl-d14	100	96.69	97		48	125
P3907-02	PL-701-COMP-54	BF139325.D	2-Fluorophenol	150	103.17	69		10	139
			Phenol-d6	150	96.41	64		10	134
			Nitrobenzene-d5	100	78.40	78		49	133
			2-Fluorobiphenyl	100	73.10	73		52	132
			2,4,6-Tribromophenol	150	141.67	94		44	137
			Terphenyl-d14	100	92.32	92		48	125
P3907-08	PL-701-COMP-55	BF139323.D	2-Fluorophenol	150	120.00	80		10	139
			Phenol-d6	150	115.63	77		10	134
			Nitrobenzene-d5	100	93.92	94		49	133
			2-Fluorobiphenyl	100	85.17	85		52	132
			2,4,6-Tribromophenol	150	155.08	103		44	137
			Terphenyl-d14	100	100.02	100		48	125
PB163203TB	PB163203TB	BF139321.D	2-Fluorophenol	150	140.44	94		10	139
			Phenol-d6	150	136.48	91		10	134
			Nitrobenzene-d5	100	98.88	99		49	133
			2-Fluorobiphenyl	100	98.02	98		52	132
			2,4,6-Tribromophenol	150	157.39	105		44	137
			Terphenyl-d14	100	93.60	94		48	125
PB163205TB	PB163205TB	BF139322.D	2-Fluorophenol	150	138.90	93		10	139
			Phenol-d6	150	135.77	91		10	134
			Nitrobenzene-d5	100	100.00	100		49	133
			2-Fluorobiphenyl	100	96.11	96		52	132
			2,4,6-Tribromophenol	150	156.93	105		44	137
			Terphenyl-d14	100	97.47	97		48	125
PB163259BL	PB163259BL	BF139316.D	2-Fluorophenol	150	117.22	78		10	139

Surrogate Summary

SW-846

SDG No.: BF091124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163259BL	PB163259BL	BF139316.D	Phenol-d6	150	116.11	77		10	134
			Nitrobenzene-d5	100	82.34	82		49	133
			2-Fluorobiphenyl	100	78.83	79		52	132
			2,4,6-Tribromophenol	150	130.05	87		44	137
			Terphenyl-d14	100	81.17	81		48	125
PB163259BS	PB163259BS	BF139317.D	2-Fluorophenol	150	128.86	86		10	139
			Phenol-d6	150	128.87	86		10	134
			Nitrobenzene-d5	100	94.20	94		49	133
			2-Fluorobiphenyl	100	93.88	94		52	132
			2,4,6-Tribromophenol	150	151.23	101		44	137
			Terphenyl-d14	100	102.09	102		48	125

Surrogate Summary

SW-846

SDG No.: **BF091124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3912-01	282-COMPOSITE-	BF139329.D	2-Fluorophenol	150	57.73	38		10	139
			Phenol-d6	150	43.88	29		10	134
			Nitrobenzene-d5	100	44.63	45	*	49	133
			2-Fluorobiphenyl	100	46.00	46	*	52	132
			2,4,6-Tribromophenol	150	89.64	60		44	137
			Terphenyl-d14	100	59.50	59		48	125
PB163274BL	PB163274BL	BF139318.D	2-Fluorophenol	150	132.06	88		10	139
			Phenol-d6	150	128.77	86		10	134
			Nitrobenzene-d5	100	94.66	95		49	133
			2-Fluorobiphenyl	100	91.24	91		52	132
			2,4,6-Tribromophenol	150	150.95	101		44	137
			Terphenyl-d14	100	94.17	94		48	125
PB163274BS	PB163274BS	BF139319.D	2-Fluorophenol	150	126.97	85		10	139
			Phenol-d6	150	125.77	84		10	134
			Nitrobenzene-d5	100	91.72	92		49	133
			2-Fluorobiphenyl	100	92.57	93		52	132
			2,4,6-Tribromophenol	150	148.77	99		44	137
			Terphenyl-d14	100	99.63	100		48	125
PB163274BSD	PB163274BSD	BF139320.D	2-Fluorophenol	150	128.13	85		10	139
			Phenol-d6	150	127.46	85		10	134
			Nitrobenzene-d5	100	92.72	93		49	133
			2-Fluorobiphenyl	100	92.42	92		52	132
			2,4,6-Tribromophenol	150	150.45	100		44	137
			Terphenyl-d14	100	97.67	98		48	125

Surrogate Summary

SW-846

SDG No.: **BF091124**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3925-01	NB-07091024	BF139336.D	2-Fluorophenol	150	75.42	50		18	112
			Phenol-d6	150	71.48	48		15	107
			Nitrobenzene-d5	100	58.35	58		18	107
			2-Fluorobiphenyl	100	67.75	68		20	109
			2,4,6-Tribromophenol	150	76.32	51		10	116
			Terphenyl-d14	100	56.77	57		10	105
P3929-01	BIN-2	BF139335.D	2-Fluorophenol	150	91.68	61		18	112
			Phenol-d6	150	84.21	56		15	107
			Nitrobenzene-d5	100	45.85	46		18	107
			2-Fluorobiphenyl	100	115.57	116	*	20	109
			2,4,6-Tribromophenol	150	92.83	62		10	116
			Terphenyl-d14	100	94.64	95		10	105
P3929-03	72-11930	BF139332.D	2-Fluorophenol	150	118.54	79		18	112
			Phenol-d6	150	118.13	79		15	107
			Nitrobenzene-d5	100	88.58	89		18	107
			2-Fluorobiphenyl	100	59.03	59		20	109
			2,4,6-Tribromophenol	150	111.49	74		10	116
			Terphenyl-d14	100	64.66	65		10	105
P3929-03MS	72-11930MS	BF139333.D	2-Fluorophenol	150	116.57	78		18	112
			Phenol-d6	150	114.23	76		15	107
			Nitrobenzene-d5	100	52.56	53		18	107
			2-Fluorobiphenyl	100	83.20	83		20	109
			2,4,6-Tribromophenol	150	111.85	75		10	116
			Terphenyl-d14	100	67.86	68		10	105
P3929-03MSD	72-11930MSD	BF139334.D	2-Fluorophenol	150	126.05	84		18	112
			Phenol-d6	150	123.64	82		15	107
			Nitrobenzene-d5	100	92.52	93		18	107
			2-Fluorobiphenyl	100	97.71	98		20	109
			2,4,6-Tribromophenol	150	139.07	93		10	116
			Terphenyl-d14	100	77.64	78		10	105
P3930-01	DN-B-33	BF139337.D	2-Fluorophenol	150	70.68	47		18	112
			Phenol-d6	150	69.47	46		15	107
			Nitrobenzene-d5	100	60.83	61		18	107
			2-Fluorobiphenyl	100	56.12	56		20	109
			2,4,6-Tribromophenol	150	101.98	68		10	116
			Terphenyl-d14	100	73.01	73		10	105
P3930-02	DN-B-34	BF139338.D	2-Fluorophenol	150	13.37	9	*	18	112
			Phenol-d6	150	16.57	11	*	15	107
			Nitrobenzene-d5	100	13.88	14	*	18	107
			2-Fluorobiphenyl	100	13.21	13	*	20	109
			2,4,6-Tribromophenol	150	20.07	13		10	116
			Terphenyl-d14	100	19.41	19		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091124

Lab Code: CHEM

SAS No.: BF091124

SDG NO.: BF091124

Lab File ID: BF139314.D

DFTPP Injection Date: 09/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.9
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	42.1
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	85.9
443	15.0 - 24.0% of mass 442	17 (19.8) 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	BF139315.D	09/11/2024	10:21
PB163259BL	PB163259BL	BF139316.D	09/11/2024	10:50
PB163259BS	PB163259BS	BF139317.D	09/11/2024	11:20
PB163274BL	PB163274BL	BF139318.D	09/11/2024	11:50
PB163274BS	PB163274BS	BF139319.D	09/11/2024	12:17
PB163274BSD	PB163274BSD	BF139320.D	09/11/2024	12:44
PB163203TB	PB163203TB	BF139321.D	09/11/2024	13:10
PB163205TB	PB163205TB	BF139322.D	09/11/2024	13:36
PL-701-COMP-55	P3907-08	BF139323.D	09/11/2024	14:10
SU-701-COMP-03	P3906-14	BF139324.D	09/11/2024	14:36
PL-701-COMP-54	P3907-02	BF139325.D	09/11/2024	15:03
COMP-1	P3905-06	BF139326.D	09/11/2024	15:29
SU-701-COMP-02	P3906-08	BF139327.D	09/11/2024	15:56
SU-701-COMP-01	P3906-02	BF139328.D	09/11/2024	16:24
282-COMPOSITE-1	P3912-01	BF139329.D	09/11/2024	16:50
SU-701-COMP-01	P3906-01	BF139330.D	09/11/2024	17:17
TP-3BDL	P3905-03DL	BF139331.D	09/11/2024	17:44
72-11930	P3929-03	BF139332.D	09/11/2024	18:12

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091124

Lab Code: CHEM

SAS No.: BF091124

SDG NO.: BF091124

Lab File ID: BF139314.D

DFTPP Injection Date: 09/11/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.9
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	42.1
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	49
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.8
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	85.9
443	15.0 - 24.0% of mass 442	17 (19.8) 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
72-11930MS	P3929-03MS	BF139333.D	09/11/2024	18:39
72-11930MSD	P3929-03MSD	BF139334.D	09/11/2024	19:07
BIN-2	P3929-01	BF139335.D	09/11/2024	19:34
NB-07091024	P3925-01	BF139336.D	09/11/2024	20:01
DN-B-33	P3930-01	BF139337.D	09/11/2024	20:28
DN-B-34	P3930-02	BF139338.D	09/11/2024	20:55