

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG No.: BF091424

Instrument ID: BNA_F Calibration Date/Time: 9/14/2024 1:09:31

Lab File ID: BF139357.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	0.940	0.962		2.34	
Pyridine	1.084	1.217		12.269	
2-Fluorophenol	1.226	1.249		1.876	
Benzaldehyde	0.930	0.912		-1.935	
Aniline	1.214	1.380		13.674	
Phenol-d6	1.609	1.634		1.554	
Phenol	1.639	1.686		2.868	20.0
bis(2-Chloroethyl) ether	1.246	1.179		-5.377	
2-Chlorophenol	1.262	1.273		0.872	
1,2-Dichlorobenzene	1.370	1.393		1.679	
1,3-Dichlorobenzene	1.435	1.440		0.348	
1,4-Dichlorobenzene	1.450	1.488		2.621	20.0
Benzyl Alcohol	1.284	1.310		2.025	
2-Methylphenol	1.003	1.026		2.293	
2,2-oxybis(1-Chloropropane)	1.920	1.948		1.458	
Acetophenone	0.523	0.542		3.633	
3+4-Methylphenols	1.368	1.372		0.292	
n-Nitroso-di-n-propylamine	0.954	0.991	0.050	3.878	
Nitrobenzene-d5	0.425	0.444		4.471	
Hexachloroethane	0.552	0.553		0.181	
Nitrobenzene	0.438	0.450		2.74	
Isophorone	0.673	0.706		4.903	
2-Nitrophenol	0.171	0.185		8.187	20.0
2,4-Dimethylphenol	0.225	0.234		4.0	
bis(2-Chloroethoxy) methane	0.383	0.398		3.916	
2,4-Dichlorophenol	0.286	0.303		5.944	20.0
1,2,4-Trichlorobenzene	0.333	0.344		3.303	
Benzoic acid	0.211	0.236		11.848	
Naphthalene	1.044	1.081		3.544	
4-Chloroaniline	0.319	0.342		7.21	
Hexachlorobutadiene	0.226	0.232		2.655	20.0
Caprolactam	0.088	0.093		5.682	
4-Chloro-3-methylphenol	0.327	0.344		5.199	20.0
2-Methylnaphthalene	0.663	0.691		4.223	
Hexachlorocyclopentadiene	0.207	0.218	0.050	5.314	
2,4,6-Trichlorophenol	0.386	0.406		5.181	20.0
2-Fluorobiphenyl	1.426	1.476		3.506	
2,4,5-Trichlorophenol	0.407	0.431		5.897	
1,1-Biphenyl	1.539	1.589		3.249	

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Lab File ID: BF139357.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	1.150	1.199		4.261	
2-Nitroaniline	0.428	0.449		4.907	
Dimethylphthalate	1.313	1.362		3.732	
Acenaphthylene	1.732	1.803		4.099	
2,6-Dinitrotoluene	0.291	0.311		6.873	
3-Nitroaniline	0.291	0.317		8.935	
Acenaphthene	1.209	1.257		3.97	20.0
2,4-Dinitrophenol	0.162	0.160	0.050	-1.235	
4-Nitrophenol	0.240	0.260	0.050	8.333	
Dibenzofuran	1.685	1.758		4.332	
2,4-Dinitrotoluene	0.393	0.429		9.16	
Diethylphthalate	1.355	1.414		4.354	
4-Chlorophenyl-phenylether	0.668	0.691		3.443	
Fluorene	1.375	1.411		2.618	
4-Nitroaniline	0.317	0.339		6.94	
4,6-Dinitro-2-methylphenol	0.106	0.112		5.66	
n-Nitrosodiphenylamine	0.585	0.597		2.051	20.0
Azobenzene	1.332	1.394		4.655	
2,4,6-Tribromophenol	0.213	0.222		4.225	
4-Bromophenyl-phenylether	0.198	0.204		3.03	
Hexachlorobenzene	0.233	0.240		3.004	
Atrazine	0.139	0.124		-10.791	
Pentachlorophenol	0.140	0.147		5.0	20.0
Phenanthrene	0.965	0.989		2.487	
Anthracene	0.943	0.972		3.075	
Carbazole	0.903	0.951		5.316	
Di-n-butylphthalate	1.006	1.086		7.952	
Fluoranthene	1.030	1.108		7.573	20.0
Benzidine	0.287	0.439		52.962	
Pyrene	1.717	1.946		13.337	
Terphenyl-d14	1.218	1.388		13.957	
Butylbenzylphthalate	0.585	0.674		15.214	
3,3-Dichlorobenzidine	0.388	0.394		1.546	
Benzo(a)anthracene	1.325	1.367		3.17	
Chrysene	1.219	1.265		3.774	
Bis(2-ethylhexyl)phthalate	0.744	0.856		15.054	
Di-n-octyl phthalate	1.095	1.151		5.114	20.0
Benzo(b)fluoranthene	1.233	1.310		6.245	
Benzo(k)fluoranthene	1.137	1.121		-1.407	

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Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG No.: BF091424

Instrument ID: BNA_F Calibration Date/Time: 9/14/2024 1:09:31

Lab File ID: BF139357.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.023	1.068		4.399	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.222		2.775	
Dibenzo(a,h)anthracene	0.983	1.025		4.273	
Benzo(g,h,i)perylene	0.973	0.972		-0.103	
1,2,4,5-Tetrachlorobenzene	0.593	0.612		3.204	
1,4-Dioxane	0.492	0.522		6.098	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.359		6.845	
1-Methylnaphthalene	0.651	0.676		3.84	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BL	SDG No.:	BF091424
Lab Sample ID:	PB163293BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139358.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BL	SDG No.:	BF091424
Lab Sample ID:	PB163293BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139358.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

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

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BL	SDG No.:	BF091424
Lab Sample ID:	PB163293BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139358.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120.835		18-112		81	SPK: -150
13127-88-3	Phenol-d6	119.978		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	81.748		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	82.557		20-109		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BL	SDG No.:	BF091424
Lab Sample ID:	PB163293BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139358.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.549		10-116		79	SPK: -150
1718-51-0	Terphenyl-d14	85.431		10-105		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79463	6.875				
1146-65-2	Naphthalene-d8	299670	8.157				
15067-26-2	Acenaphthene-d10	168574	9.91				
1517-22-2	Phenanthrene-d10	326160	11.398				
1719-03-5	Chrysene-d12	219748	14.027				
1520-96-3	Perylene-d12	181316	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	88.3	J			2.246	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.122	
001560-98-1	Octacosane, 2-methyl-	91.3	J			15.974	
000630-02-4	Octacosane	87	J			16.48	
000593-49-7	Heptacosane	88	J			17.08	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BS	SDG No.:	BF091424
Lab Sample ID:	PB163293BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139359.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1400		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	490		180	270	330	ug/Kg
62-53-3	Aniline	1800		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	1200		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BS	SDG No.:	BF091424
Lab Sample ID:	PB163293BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139359.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3100	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1500		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2200		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BS	SDG No.:	BF091424
Lab Sample ID:	PB163293BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139359.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	2700	E	160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	133.675		18-112		89	SPK: -150
13127-88-3	Phenol-d6	132.259		15-107		88	SPK: -150
4165-60-0	Nitrobenzene-d5	91.698		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	93.04		20-109		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	PB163293BS	SDG No.:	BF091424
Lab Sample ID:	PB163293BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139359.D	1	9/11/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163293

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.116		10-116		93	SPK: -150
1718-51-0	Terphenyl-d14	109.287	*	10-105		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55011	6.875				
1146-65-2	Naphthalene-d8	201309	8.163				
15067-26-2	Acenaphthene-d10	111042	9.916				
1517-22-2	Phenanthrene-d10	210891	11.398				
1719-03-5	Chrysene-d12	117276	14.033				
1520-96-3	Perylene-d12	107009	15.498				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BF091424
Lab Sample ID:	PB163318BL	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
BF139360.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BF091424
Lab Sample ID:	PB163318BL	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
BF139360.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BF091424
Lab Sample ID:	PB163318BL	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
BF139360.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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	121.282		10-139		81	SPK: -150
13127-88-3	Phenol-d6	120.059		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	81.278		49-133		81	SPK: -100
321-60-8	2-Fluorobiphenyl	80.375		52-132		80	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BL	SDG No.:	BF091424
Lab Sample ID:	PB163318BL	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
BF139360.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.215		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	86.596		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80141	6.875				
1146-65-2	Naphthalene-d8	302884	8.157				
15067-26-2	Acenaphthene-d10	172396	9.91				
1517-22-2	Phenanthrene-d10	332951	11.398				
1719-03-5	Chrysene-d12	220742	14.027				
1520-96-3	Perylene-d12	184482	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.7	J			2.24	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.2	A			5.122	
000630-02-4	Octacosane	2.8	J			15.968	
007098-22-8	Tetratetracontane	2.9	J			16.48	
000593-49-7	Heptacosane	2.2	J			17.08	

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BF091424
Lab Sample ID:	PB163318BS	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
BF139361.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.4		1	8	10	ug/L
110-86-1	Pyridine	26.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4.9	J	4	8	10	ug/L
62-53-3	Aniline	23.4		1.6	4	5	ug/L
108-95-2	Phenol	43.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	43.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	43.9		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.8		1.4	4	5	ug/L
98-86-2	Acetophenone	39.2		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.3		1	4	5	ug/L
98-95-3	Nitrobenzene	40.5		1.3	4	5	ug/L
78-59-1	Isophorone	43.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	45.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	46.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	41.7		5.5	8	10	ug/L
91-20-3	Naphthalene	41.3		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	39		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BF091424
Lab Sample ID:	PB163318BS	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
BF139361.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	42.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.1		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	95.5	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	38.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.4		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.4		0.93	4	5	ug/L
208-96-8	Acenaphthylene	45.4		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	31.9		1.4	4	5	ug/L
83-32-9	Acenaphthene	46.7		0.81	4	5	ug/L
Total PAH	Total PAH	741.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	93	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	79.3		2	8	10	ug/L
132-64-9	Dibenzofuran	42.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	43.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	43.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.1		0.98	4	5	ug/L
86-73-7	Fluorene	42.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	37.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.9		0.89	4	5	ug/L
103-33-3	Azobenzene	43.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	42.8		1.1	4	5	ug/L
1912-24-9	Atrazine	39.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BF091424
Lab Sample ID:	PB163318BS	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
BF139361.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	43.4		0.89	4	5	ug/L
120-12-7	Anthracene	44.1		1.1	4	5	ug/L
86-74-8	Carbazole	41.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	38.7		1.3	4	5	ug/L
92-87-5	Benzidine	4.2	J	4.1	8	10	ug/L
129-00-0	Pyrene	43.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	46.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.5		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.6		0.94	4	5	ug/L
218-01-9	Chrysene	44.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	50.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	53		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.8		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	24		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.5		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.911		10-139		80	SPK: -150
13127-88-3	Phenol-d6	116.625		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	79.437		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	77.798		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BS	SDG No.:	BF091424
Lab Sample ID:	PB163318BS	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
BF139361.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.038		44-137		82	SPK: -150
1718-51-0	Terphenyl-d14	85.759		48-125		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110670	6.881				
1146-65-2	Naphthalene-d8	412789	8.163				
15067-26-2	Acenaphthene-d10	223873	9.922				
1517-22-2	Phenanthrene-d10	416538	11.404				
1719-03-5	Chrysene-d12	219329	14.039				
1520-96-3	Perylene-d12	196396	15.504				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BF091424
Lab Sample ID:	PB163318BSD	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
BF139362.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.3		1	8	10	ug/L
110-86-1	Pyridine	43.1		1.6	4	5	ug/L
100-52-7	Benzaldehyde	14.8		4	8	10	ug/L
62-53-3	Aniline	52.4		1.6	4	5	ug/L
108-95-2	Phenol	47.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.5		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.1		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.7		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	46.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.8		1.4	4	5	ug/L
98-86-2	Acetophenone	44.5		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	46.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	44.1		1	4	5	ug/L
98-95-3	Nitrobenzene	42.1		1.3	4	5	ug/L
78-59-1	Isophorone	47		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	46.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	55.6		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.2		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	44.1		5.5	8	10	ug/L
91-20-3	Naphthalene	43.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	32.9		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BF091424
Lab Sample ID:	PB163318BSD	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
BF139362.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	44.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	44.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	44.3		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	47.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	46		0.93	4	5	ug/L
208-96-8	Acenaphthylene	48.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	36.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	51.7		0.81	4	5	ug/L
Total PAH	Total PAH	763.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	96.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	93	E	2	8	10	ug/L
132-64-9	Dibenzofuran	46.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	46.9		1.5	4	5	ug/L
84-66-2	Diethylphthalate	46.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.1		0.98	4	5	ug/L
86-73-7	Fluorene	45.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	47		0.89	4	5	ug/L
103-33-3	Azobenzene	47.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.6		1.1	4	5	ug/L
1912-24-9	Atrazine	65.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BF091424
Lab Sample ID:	PB163318BSD	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
BF139362.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	90.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	47		0.89	4	5	ug/L
120-12-7	Anthracene	48.8		1.1	4	5	ug/L
86-74-8	Carbazole	46.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	48.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	46.8		1.3	4	5	ug/L
92-87-5	Benzidine	79.3		4.1	8	10	ug/L
129-00-0	Pyrene	50.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	53.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	40.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.1		0.94	4	5	ug/L
218-01-9	Chrysene	48		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	50.7		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	51.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.4		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.6		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	36.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.715		10-139		90	SPK: -150
13127-88-3	Phenol-d6	135.723		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	92.218		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	93.361		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163318BSD	SDG No.:	BF091424
Lab Sample ID:	PB163318BSD	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
BF139362.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.776		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	109.428		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53267	6.881				
1146-65-2	Naphthalene-d8	199677	8.163				
15067-26-2	Acenaphthene-d10	109979	9.916				
1517-22-2	Phenanthrene-d10	212251	11.398				
1719-03-5	Chrysene-d12	118343	14.033				
1520-96-3	Perylene-d12	109373	15.498				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BF091424
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139363.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.3		1	8	10	ug/L
110-86-1	Pyridine	43.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	J	4	8	10	ug/L
62-53-3	Aniline	48.4		1.6	4	5	ug/L
108-95-2	Phenol	50.3		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	46.8		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.7		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.1		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.2		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.3		1.4	4	5	ug/L
98-86-2	Acetophenone	46.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.3		1.5	4	5	ug/L
67-72-1	Hexachloroethane	47.1		1	4	5	ug/L
98-95-3	Nitrobenzene	45.6		1.3	4	5	ug/L
78-59-1	Isophorone	50		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	68.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	48.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.1		1.1	4	5	ug/L
65-85-0	Benzoic acid	46.3		5.5	8	10	ug/L
91-20-3	Naphthalene	46.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	28.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	44.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BF091424
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139363.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.4		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.3		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	49.5		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	52.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	53		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	37.5		1.4	4	5	ug/L
83-32-9	Acenaphthene	57.1		0.81	4	5	ug/L
Total PAH	Total PAH	833.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	51.2		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.9		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	103.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	51.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.6		0.98	4	5	ug/L
86-73-7	Fluorene	50.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.1		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	54.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.2		0.89	4	5	ug/L
103-33-3	Azobenzene	50.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	48.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48.4		1.1	4	5	ug/L
1912-24-9	Atrazine	69.4		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BF091424
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		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
BF139363.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.8	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	50.9		0.89	4	5	ug/L
120-12-7	Anthracene	51.7		1.1	4	5	ug/L
86-74-8	Carbazole	49.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	49.4		1.3	4	5	ug/L
92-87-5	Benzidine	41.1		4.1	8	10	ug/L
129-00-0	Pyrene	53		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	43.8		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	51.6		0.94	4	5	ug/L
218-01-9	Chrysene	46.6		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.5		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	54		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	55.3		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	55.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.8		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	54		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	55.3		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	38.7		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	94.845		60-140		95	SPK: -100
13127-88-3	Phenol-d6	94.192		60-140		94	SPK: -100
4165-60-0	Nitrobenzene-d5	93.818		60-140		94	SPK: -100
321-60-8	2-Fluorobiphenyl	98.182		60-140		98	SPK: -100
118-79-6	2,4,6-Tribromophenol	101.018		60-140		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BS	SDG No.:	BF091424
Lab Sample ID:	PB163344BS	Matrix:	Water
Analytical Method:	625.1	% 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
BF139363.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	111.691		60-140		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58352	6.875				
1146-65-2	Naphthalene-d8	221337	8.163				
15067-26-2	Acenaphthene-d10	115219	9.916				
1517-22-2	Phenanthrene-d10	229499	11.398				
1719-03-5	Chrysene-d12	126138	14.033				
1520-96-3	Perylene-d12	109105	15.498				
	1-Methylnaphthalene	44.6					

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BF091424
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF139364.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.4		1	8	10	ug/L
110-86-1	Pyridine	43.3		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	47.9		1.6	4	5	ug/L
108-95-2	Phenol	50.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.4		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	52.5		1.4	4	5	ug/L
98-86-2	Acetophenone	47.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.2		1.5	4	5	ug/L
67-72-1	Hexachloroethane	47.2		1	4	5	ug/L
98-95-3	Nitrobenzene	46.4		1.3	4	5	ug/L
78-59-1	Isophorone	51		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	70.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.2		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	49.4		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	45.6		5.5	8	10	ug/L
91-20-3	Naphthalene	47.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	27.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BF091424
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF139364.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	49.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	47.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	200	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	53.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	49.4		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	53.1		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	51.5		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.5		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	37.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	56.9		0.81	4	5	ug/L
Total PAH	Total PAH	830.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	110	E	2	8	10	ug/L
132-64-9	Dibenzofuran	50.6		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	50.9		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	51.7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	51.6		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.9		0.98	4	5	ug/L
86-73-7	Fluorene	50.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	46.3		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	50.4		0.89	4	5	ug/L
103-33-3	Azobenzene	51.3		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	49.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	48.7		1.1	4	5	ug/L
1912-24-9	Atrazine	68.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BF091424
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF139364.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.2	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	51.1		0.89	4	5	ug/L
120-12-7	Anthracene	52.1		1.1	4	5	ug/L
86-74-8	Carbazole	49.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	49.6		1.3	4	5	ug/L
92-87-5	Benzidine	41.8		4.1	8	10	ug/L
129-00-0	Pyrene	53.5		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	43.3		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	51.9		0.94	4	5	ug/L
218-01-9	Chrysene	47.3		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	56.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	54.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	54.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	54		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.9		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.4		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.3		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	38.1		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	94.502		60-140		95	SPK: -100
13127-88-3	Phenol-d6	94.68		60-140		95	SPK: -100
4165-60-0	Nitrobenzene-d5	95.293		60-140		95	SPK: -100
321-60-8	2-Fluorobiphenyl	99.997		60-140		100	SPK: -100
118-79-6	2,4,6-Tribromophenol	100.317		60-140		100	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BSD	SDG No.:	BF091424
Lab Sample ID:	PB163344BSD	Matrix:	Water
Analytical Method:	625.1	% 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
BF139364.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	111.028		60-140		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59379	6.881				
1146-65-2	Naphthalene-d8	221995	8.163				
15067-26-2	Acenaphthene-d10	116979	9.916				
1517-22-2	Phenanthrene-d10	231948	11.398				
1719-03-5	Chrysene-d12	127751	14.033				
1520-96-3	Perylene-d12	111596	15.498				
	1-Methylnaphthalene	45.4					

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BF091424
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139365.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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	4	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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BF091424
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139365.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BF091424
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139365.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	87.265		60-140		87	SPK: -100
13127-88-3	Phenol-d6	89.759		60-140		90	SPK: -100
4165-60-0	Nitrobenzene-d5	92.813		60-140		93	SPK: -100
321-60-8	2-Fluorobiphenyl	97.477		60-140		97	SPK: -100
118-79-6	2,4,6-Tribromophenol	77.328		60-140		77	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	PB163344BL	SDG No.:	BF091424
Lab Sample ID:	PB163344BL	Matrix:	Water
Analytical Method:	625.1	% 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
BF139365.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	103.195		60-140		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56855	6.875				
1146-65-2	Naphthalene-d8	212501	8.157				
15067-26-2	Acenaphthene-d10	111838	9.91				
1517-22-2	Phenanthrene-d10	224637	11.392				
1719-03-5	Chrysene-d12	138444	14.027				
1520-96-3	Perylene-d12	105797	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-83-8	Cyclohexene	110	J			2.293	
000068-12-2	Formamide, N,N-dimethyl-	2	J			4.222	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	51.7	A			5.11	
000822-67-3	2-Cyclohexen-1-ol	3.7	J			5.681	
000930-68-7	2-Cyclohexen-1-one	6	J			6.128	
001561-86-0	2-Chlorocyclohexanol	5.9	J			7.028	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF091424
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BF139366.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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	4	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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF091424
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BF139366.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF091424
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BF139366.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
123-91-1	1,4-Dioxane	1600	E	1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	39.848	*	60-140		40	SPK: -100
13127-88-3	Phenol-d6	18.347	*	60-140		18	SPK: -100
4165-60-0	Nitrobenzene-d5	84.297		60-140		84	SPK: -100
321-60-8	2-Fluorobiphenyl	93.953		60-140		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	76.263		60-140		76	SPK: -100

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF091424
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BF139366.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	77.624		60-140		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49342	6.881				
1146-65-2	Naphthalene-d8	178014	8.169				
15067-26-2	Acenaphthene-d10	87129	9.916				
1517-22-2	Phenanthrene-d10	140323	11.404				
1719-03-5	Chrysene-d12	108974	14.033				
1520-96-3	Perylene-d12	109779	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	98	J			2.175	
000598-98-1	Propanoic acid, 2,2-dimethyl-, met	410	J			3.081	
	unknown4.363	45.5	J			4.363	
000931-39-5	Tetrahydrofuran, 2-ethyl-5-methyl-	23.5	J			4.463	
010141-72-7	2H-Pyran, tetrahydro-2-methyl-	17.8	J			4.61	
000565-80-0	3-Pentanone, 2,4-dimethyl-	21.7	J			5.487	
000106-35-4	3-Heptanone	49.5	J			5.651	
016474-43-4	Propanoic acid, 2,2-dimethyl-, t-b	78.3	J			5.957	
000075-97-8	2-Butanone, 3,3-dimethyl-	20	J			6.757	
000149-57-5	Hexanoic acid, 2-ethyl-	46.3	J			7.91	
1000445-99-1	Adipate Dimethylolpropane	24.5	J			9.334	
000872-05-9	1-Decene	20	J			9.728	
000143-07-7	Dodecanoic acid	1300	J			10.386	
000544-63-8	Tetradecanoic acid	20	J			11.157	
000057-10-3	n-Hexadecanoic acid	14	J			11.975	
1000336-66-8	6-Octadecenoic acid	20	J			12.698	
006114-18-7	(E)-9-Octadecenoic acid ethyl este	65.2	J			12.757	
000111-61-5	Octadecanoic acid, ethyl ester	43.2	J			12.845	
1000383-13-8	Carbonic acid, 2-ethylhexyl undecy	20	J			14.51	
000141-38-8	Oxiraneoctanoic acid, 3-octyl-, 2-	20	J			15.216	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	EFF-WW	SDG No.:	BF091424
Lab Sample ID:	P3956-02	Matrix:	Water
Analytical Method:	625.1	% 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
BF139366.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163344

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

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BF091424
Lab Sample ID:	P3845-22	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
BF139367.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BF091424
Lab Sample ID:	P3845-22	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
BF139367.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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	27.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BF091424
Lab Sample ID:	P3845-22	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
BF139367.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.973		10-139		93	SPK: -150
13127-88-3	Phenol-d6	142.008		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	99.541		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	100.801		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/3/2024 12:00:00 AM
Project:		Date Received:	9/3/2024 12:00:00 AM
Client Sample ID:	RR-TRIAZINE-WP	SDG No.:	BF091424
Lab Sample ID:	P3845-22	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
BF139367.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.722		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	112.832		48-125		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53413	6.875				
1146-65-2	Naphthalene-d8	198914	8.157				
15067-26-2	Acenaphthene-d10	108080	9.91				
1517-22-2	Phenanthrene-d10	192276	11.392				
1719-03-5	Chrysene-d12	93742	14.027				
1520-96-3	Perylene-d12	110341	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.5	A			5.11	
003397-62-4	1,3,5-Triazine-2,4-diamine, 6-chlo	3.6	J			10.133	
	unknown10.628	7	J			10.628	
001610-17-9	Atraton	7.3	J			10.98	
001610-18-0	Prometon	9.9	J			11.022	
007287-19-6	Prometryn	7.7	J			11.804	
	unknown15.163	3.6	J			15.163	

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	AST-2024-4036-PRIM	SDG No.:	BF091424
Lab Sample ID:	P3940-01	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
BF139368.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	AST-2024-4036-PRIM	SDG No.:	BF091424
Lab Sample ID:	P3940-01	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
BF139368.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	AST-2024-4036-PRIM	SDG No.:	BF091424
Lab Sample ID:	P3940-01	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
BF139368.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

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	40.442		10-139		27	SPK: -150
13127-88-3	Phenol-d6	25.401		10-134		17	SPK: -150
4165-60-0	Nitrobenzene-d5	66.916		49-133		67	SPK: -100
321-60-8	2-Fluorobiphenyl	66.809		52-132		67	SPK: -100

Report of Analysis

Client:		Date Collected:	8/29/2024 12:00:00 AM
Project:		Date Received:	8/29/2024 12:00:00 AM
Client Sample ID:	AST-2024-4036-PRIM	SDG No.:	BF091424
Lab Sample ID:	P3940-01	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
BF139368.D	1	9/12/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163318

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.725		44-137		74	SPK: -150
1718-51-0	Terphenyl-d14	77.149		48-125		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57997	6.875				
1146-65-2	Naphthalene-d8	211377	8.157				
15067-26-2	Acenaphthene-d10	112258	9.91				
1517-22-2	Phenanthrene-d10	185625	11.392				
1719-03-5	Chrysene-d12	97772	14.027				
1520-96-3	Perylene-d12	113354	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.1	A			5.087	
001551-34-4	Thiophane, propyl-	6.4	J			8.522	
017414-27-6	1-Butene, 1-(methylthio)-, (E)-	2.7	J			8.569	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	2.3	J			9.345	
	unknown10.004	2.4	J			10.004	
000638-53-9	Tridecanoic acid	5.6	J			11.916	
000057-11-4	Octadecanoic acid	2.1	J			12.704	
000629-96-9	1-Eicosanol	3.8	J			13.874	

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:	FM1	SDG No.:	BF091424
Lab Sample ID:	P3932-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139369.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	FM1	SDG No.:	BF091424
Lab Sample ID:	P3932-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139369.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	FM1	SDG No.:	BF091424
Lab Sample ID:	P3932-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139369.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.8	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	89.968		10-139		60	SPK: -150
13127-88-3	Phenol-d6	81.03		10-134		54	SPK: -150
4165-60-0	Nitrobenzene-d5	71.338		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.941		52-132		71	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:	FM1	SDG No.:	BF091424
Lab Sample ID:	P3932-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139369.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.248		44-137		81	SPK: -150
1718-51-0	Terphenyl-d14	115.228		48-125		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55328	6.875				
1146-65-2	Naphthalene-d8	204428	8.157				
15067-26-2	Acenaphthene-d10	113095	9.91				
1517-22-2	Phenanthrene-d10	205559	11.392				
1719-03-5	Chrysene-d12	102310	14.027				
1520-96-3	Perylene-d12	113614	15.498				

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:	FM1MS	SDG No.:	BF091424
Lab Sample ID:	P3932-03MS	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
BF139370.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	400		10.3	80	100	ug/L
110-86-1	Pyridine	86.2		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	22.9	J	16	40	50	ug/L
108-95-2	Phenol	340		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	420		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	420		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	390		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	390		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	390		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	65.9	J	16	80	100	ug/L
95-48-7	2-Methylphenol	390		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	440		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	380		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	450		14.8	25	25	ug/L
67-72-1	Hexachloroethane	390		10.1	40	50	ug/L
98-95-3	Nitrobenzene	420		12.7	40	50	ug/L
78-59-1	Isophorone	470		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	450		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	510		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	170		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	460		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	410		11	40	50	ug/L
65-85-0	Benzoic acid	430		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	410		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:	FM1MS	SDG No.:	BF091424
Lab Sample ID:	P3932-03MS	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
BF139370.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	230		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	440		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1800	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	560		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	520		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	270		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	550		9.3	40	50	ug/L
208-96-8	Acenaphthylene	320		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	540		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	47.2	J	13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	36200		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1200	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	880	E	20	80	100	ug/L
132-64-9	Dibenzofuran	530		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	490		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	550		15.2	40	50	ug/L
84-66-2	Diethylphthalate	550		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530		9.8	40	50	ug/L
86-73-7	Fluorene	520		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	130		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	570		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	34.1	J	8.9	40	50	ug/L
103-33-3	Azobenzene	340		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		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:	FM1MS	SDG No.:	BF091424
Lab Sample ID:	P3932-03MS	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
BF139370.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	500		8.9	40	50	ug/L
120-12-7	Anthracene	480		10.7	40	50	ug/L
86-74-8	Carbazole	26.7	J	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	510		14.7	40	50	ug/L
206-44-0	Fluoranthene	410		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	370		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	370		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	490		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	560		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	640		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	8000	E	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	6100	E	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	3700	E	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4000	E	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	6900	E	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	2900	E	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	360		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.809		10-139		75	SPK: -150
13127-88-3	Phenol-d6	94.188		10-134		63	SPK: -150
4165-60-0	Nitrobenzene-d5	87.795		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	101.838		52-132		102	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:	FM1MS	SDG No.:	BF091424
Lab Sample ID:	P3932-03MS	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
BF139370.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.829		44-137		101	SPK: -150
1718-51-0	Terphenyl-d14	113.362		48-125		113	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57151	6.881				
1146-65-2	Naphthalene-d8	205521	8.157				
15067-26-2	Acenaphthene-d10	97759	9.916				
1517-22-2	Phenanthrene-d10	193877	11.398				
1719-03-5	Chrysene-d12	87915	14.033				
1520-96-3	Perylene-d12	6169	15.498				

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:	FM1MSD	SDG No.:	BF091424
Lab Sample ID:	P3932-03MSD	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
BF139371.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	380		10.3	80	100	ug/L
110-86-1	Pyridine	62.9		15.5	40	50	ug/L
100-52-7	Benzaldehyde	120		40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	330		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	410		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	410		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	390		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	380		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	380		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	51.5	J	16	80	100	ug/L
95-48-7	2-Methylphenol	380		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	460		13.5	40	50	ug/L
98-86-2	Acetophenone	430		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	370		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	430		14.8	25	25	ug/L
67-72-1	Hexachloroethane	380		10.1	40	50	ug/L
98-95-3	Nitrobenzene	420		12.7	40	50	ug/L
78-59-1	Isophorone	450		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	440		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	500		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	130		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	450		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	390		11	40	50	ug/L
65-85-0	Benzoic acid	400		54.7	80	100	ug/L
91-20-3	Naphthalene	420		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	400		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:	FM1MSD	SDG No.:	BF091424
Lab Sample ID:	P3932-03MSD	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
BF139371.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	210		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	420		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	440		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	2000	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	600		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	560		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	560		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	550		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	220		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	600		9.3	40	50	ug/L
208-96-8	Acenaphthylene	300		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	580		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	35.7	J	13.7	40	50	ug/L
83-32-9	Acenaphthene	590		8.1	40	50	ug/L
Total PAH	Total PAH	65570		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1400	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	940	E	20	80	100	ug/L
132-64-9	Dibenzofuran	580		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	600		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	180		27.6	40	100	ug/L
84-66-2	Diethylphthalate	580		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	570		9.8	40	50	ug/L
86-73-7	Fluorene	560		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	120		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	560		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	25.5	J	8.9	40	50	ug/L
103-33-3	Azobenzene	260		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	490		11.4	40	50	ug/L
1912-24-9	Atrazine	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:	FM1MSD	SDG No.:	BF091424
Lab Sample ID:	P3932-03MSD	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
BF139371.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	490		8.9	40	50	ug/L
120-12-7	Anthracene	470		10.7	40	50	ug/L
86-74-8	Carbazole	22.5	J	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	500		14.7	40	50	ug/L
206-44-0	Fluoranthene	410		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	320		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	290		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	490		9.4	40	50	ug/L
218-01-9	Chrysene	520		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	630		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	680		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	18200	E	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	10100	E	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	6200	E	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7100	E	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	14200	E	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	5200	E	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	550		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	360		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	610		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	110.769		10-139		74	SPK: -150
13127-88-3	Phenol-d6	91.315		10-134		61	SPK: -150
4165-60-0	Nitrobenzene-d5	85.511		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	108.161		52-132		108	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:	FM1MSD	SDG No.:	BF091424
Lab Sample ID:	P3932-03MSD	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
BF139371.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	165.455		44-137		110	SPK: -150
1718-51-0	Terphenyl-d14	130.349	*	48-125		130	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54473	6.881				
1146-65-2	Naphthalene-d8	199865	8.157				
15067-26-2	Acenaphthene-d10	86333	9.91				
1517-22-2	Phenanthrene-d10	189813	11.398				
1719-03-5	Chrysene-d12	76066	14.033				
1520-96-3	Perylene-d12	2234	15.492				

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW-1	SDG No.:	BF091424
Lab Sample ID:	P3947-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139372.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW-1	SDG No.:	BF091424
Lab Sample ID:	P3947-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139372.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW-1	SDG No.:	BF091424
Lab Sample ID:	P3947-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139372.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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	95.21		10-139		63	SPK: -150
13127-88-3	Phenol-d6	87.397		10-134		58	SPK: -150
4165-60-0	Nitrobenzene-d5	74.077		49-133		74	SPK: -100
321-60-8	2-Fluorobiphenyl	75.567		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	RW-1	SDG No.:	BF091424
Lab Sample ID:	P3947-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139372.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.218		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	90.664		48-125		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60683	6.875				
1146-65-2	Naphthalene-d8	225194	8.157				
15067-26-2	Acenaphthene-d10	122445	9.91				
1517-22-2	Phenanthrene-d10	214114	11.392				
1719-03-5	Chrysene-d12	103645	14.027				
1520-96-3	Perylene-d12	113643	15.498				

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	RW-2	SDG No.:	BF091424
Lab Sample ID:	P3976-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139373.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	RW-2	SDG No.:	BF091424
Lab Sample ID:	P3976-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139373.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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	20.8	J	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:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	RW-2	SDG No.:	BF091424
Lab Sample ID:	P3976-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139373.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.3	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	132.837		10-139		89	SPK: -150
13127-88-3	Phenol-d6	124.073		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	93.076		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	90.962		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/12/2024 12:00:00 AM
Project:		Date Received:	9/12/2024 12:00:00 AM
Client Sample ID:	RW-2	SDG No.:	BF091424
Lab Sample ID:	P3976-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139373.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.808		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	103.865		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61662	6.881				
1146-65-2	Naphthalene-d8	231525	8.157				
15067-26-2	Acenaphthene-d10	128801	9.91				
1517-22-2	Phenanthrene-d10	227293	11.392				
1719-03-5	Chrysene-d12	110136	14.027				
1520-96-3	Perylene-d12	113283	15.498				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091424
Lab Sample ID:	P3989-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139374.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091424
Lab Sample ID:	P3989-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139374.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091424
Lab Sample ID:	P3989-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139374.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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	117.777		10-139		79	SPK: -150
13127-88-3	Phenol-d6	107.446		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	91.783		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	91.173		52-132		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF091424
Lab Sample ID:	P3989-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139374.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.953		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	108.657		48-125		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64507	6.881				
1146-65-2	Naphthalene-d8	235496	8.157				
15067-26-2	Acenaphthene-d10	131620	9.91				
1517-22-2	Phenanthrene-d10	230431	11.392				
1719-03-5	Chrysene-d12	106306	14.027				
1520-96-3	Perylene-d12	117802	15.498				

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091424
Lab Sample ID:	P3989-08	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
BF139375.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091424
Lab Sample ID:	P3989-08	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
BF139375.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091424
Lab Sample ID:	P3989-08	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
BF139375.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

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	125.948		10-139		84	SPK: -150
13127-88-3	Phenol-d6	116.84		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	89.713		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	88.58		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/13/2024 12:00:00 AM
Project:		Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF091424
Lab Sample ID:	P3989-08	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
BF139375.D	1	9/14/2024 12:00:00 AM	9/14/2024 12:00:00 AM	PB163414

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	125.696		44-137		84	SPK: -150
1718-51-0	Terphenyl-d14	102.509		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56035	6.875				
1146-65-2	Naphthalene-d8	206074	8.157				
15067-26-2	Acenaphthene-d10	115533	9.91				
1517-22-2	Phenanthrene-d10	205688	11.392				
1719-03-5	Chrysene-d12	99793	14.027				
1520-96-3	Perylene-d12	106058	15.492				

Hit Summary Sheet SW-846

SDG No.: BF091424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : RR-TRIAZINE-WP								
P3845-22	RR-TRIAZINE-WP	Water	1,3,5-Triazine-2,4-diamine, 6-chlc *	3.600	J			
P3845-22	RR-TRIAZINE-WP	Water	2-Pentanone, 4-hydroxy-4-methyl *	7.500	A			
P3845-22	RR-TRIAZINE-WP	Water	Atraton *	7.300	J			
P3845-22	RR-TRIAZINE-WP	Water	Butane, 2-methoxy-2-methyl- *	110.000	J			
P3845-22	RR-TRIAZINE-WP	Water	Prometon *	9.900	J			
P3845-22	RR-TRIAZINE-WP	Water	Prometryn *	7.700	J			
P3845-22	RR-TRIAZINE-WP	Water	unknown10.628 *	7.000	J			
P3845-22	RR-TRIAZINE-WP	Water	unknown15.163 *	3.600	J			
			Total Tics :	156.60				
P3845-22	RR-TRIAZINE-WP	Water	Atrazine	27.500	1.3		5	ug/L
			Total Svoc :	27.50				
			Total Concentration:	184.10				
Client ID : FM1								
P3932-03	FM1	water	Pentachlorophenol	47.800	J	18.5	100	ug/L
			Total Svoc :	47.80				
			Total Concentration:	47.80				
Client ID : AST-2024-4036-PRIM								
P3940-01	AST-2024-4036-PRIM	Water	1-Butene, 1-(methylthio)-, (E)- *	2.700	J			
P3940-01	AST-2024-4036-PRIM	Water	1-Eicosanol *	3.800	J			
P3940-01	AST-2024-4036-PRIM	Water	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	2.300	J			
P3940-01	AST-2024-4036-PRIM	Water	2-Pentanone, 4-hydroxy-4-methyl *	2.100	A			
P3940-01	AST-2024-4036-PRIM	Water	Butane, 2-methoxy-2-methyl- *	120.000	J			
P3940-01	AST-2024-4036-PRIM	Water	Octadecanoic acid *	2.100	J			
P3940-01	AST-2024-4036-PRIM	Water	Thiophane, propyl- *	6.400	J			
P3940-01	AST-2024-4036-PRIM	Water	Tridecanoic acid *	5.600	J			
P3940-01	AST-2024-4036-PRIM	Water	unknown10.004 *	2.400	J			
			Total Tics :	147.40				
			Total Concentration:	147.40				
Client ID : EFF-WW								
P3956-02	EFF-WW	Water	(E)-9-Octadecenoic acid ethyl este *	65.200	J			
P3956-02	EFF-WW	Water	1-Decene *	20.000	J			
P3956-02	EFF-WW	Water	2-Butanone, 3,3-dimethyl- *	20.000	J			
P3956-02	EFF-WW	Water	2H-Pyran, tetrahydro-2-methyl- *	17.800	J			
P3956-02	EFF-WW	Water	3-Heptanone *	49.500	J			
P3956-02	EFF-WW	Water	3-Pentanone, 2,4-dimethyl- *	21.700	J			
P3956-02	EFF-WW	Water	6-Octadecenoic acid *	20.000	J			

Hit Summary Sheet SW-846

SDG No.: BF091424

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3956-02	EFF-WW	Water	Adipate Dimethylolpropane	*	24.500	J		
P3956-02	EFF-WW	Water	Butane, 2-methoxy-2-methyl-	*	98.000	J		
P3956-02	EFF-WW	Water	Carbonic acid, 2-ethylhexyl undec	*	20.000	J		
P3956-02	EFF-WW	Water	Dodecanoic acid	*	1,300.000	J		
P3956-02	EFF-WW	Water	Hexanoic acid, 2-ethyl-	*	46.300	J		
P3956-02	EFF-WW	Water	n-Hexadecanoic acid	*	14.000	J		
P3956-02	EFF-WW	Water	Octadecanoic acid, ethyl ester	*	43.200	J		
P3956-02	EFF-WW	Water	Oxiraneoctanoic acid, 3-octyl-, 2-	*	20.000	J		
P3956-02	EFF-WW	Water	Propanoic acid, 2,2-dimethyl-, me	*	410.000	J		
P3956-02	EFF-WW	Water	Propanoic acid, 2,2-dimethyl-, t-b	*	78.300	J		
P3956-02	EFF-WW	Water	Tetradecanoic acid	*	20.000	J		
P3956-02	EFF-WW	Water	Tetrahydrofuran, 2-ethyl-5-methyl	*	23.500	J		
P3956-02	EFF-WW	Water	unknown4.363	*	45.500	J		
Total Tics :					2,357.50			
P3956-02	EFF-WW	Water	1,4-Dioxane		1,600.000	E 1.3	5	ug/L
Total Svoc :					1,600.00			
Total Concentration:					3,957.50			
Client ID : RW-2								
P3976-04	RW-2	water	Dimethylphthalate		20.800	J 9.3	50	ug/L
P3976-04	RW-2	water	Pentachlorophenol		50.300	J 18.5	100	ug/L
Total Svoc :					71.10			
Total Concentration:					71.10			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.936	0.930	0.973	0.941	0.905	0.940	2.7
Pyridine		1.084	1.102	1.180	1.098	1.002	1.084	5.7
2-Fluorophenol		1.255	1.223	1.262	1.216	1.174	1.226	2.7
Benzaldehyde		1.119	1.053	1.011	0.833	0.761	0.930	16.1
Aniline		1.262	1.232	1.274	1.194	1.101	1.214	5.2
Phenol-d6		1.636	1.624	1.680	1.598	1.522	1.609	3.4
Phenol		1.697	1.708	1.709	1.609	1.524	1.639	4.6
bis(2-Chloroethyl)ether		1.173	1.177	1.190	1.133	1.127	1.246	16.5
2-Chlorophenol		1.262	1.295	1.305	1.242	1.203	1.262	3.1
1,2-Dichlorobenzene		1.429	1.386	1.411	1.344	1.301	1.370	3.6
1,3-Dichlorobenzene		1.500	1.489	1.475	1.414	1.355	1.435	4.0
1,4-Dichlorobenzene		1.477	1.463	1.527	1.432	1.377	1.450	3.5
Benzyl Alcohol		1.277	1.307	1.332	1.282	1.220	1.284	3.5
2-Methylphenol		0.999	1.000	1.077	0.986	0.952	1.003	3.9
2,2-oxybis(1-Chloropropane)		2.033	1.971	2.047	1.868	1.791	1.920	5.5
Acetophenone		0.521	0.509	0.535	0.539	0.502	0.523	2.9
3+4-Methylphenols		1.397	1.358	1.413	1.351	1.306	1.368	3.2
n-Nitroso-di-n-propylamine	0.922	0.950	0.952	1.025	0.939	0.912	0.954	3.9
Nitrobenzene-d5		0.409	0.415	0.434	0.441	0.408	0.425	3.4
Hexachloroethane		0.563	0.567	0.565	0.543	0.531	0.552	2.9
Nitrobenzene		0.434	0.436	0.442	0.453	0.422	0.438	2.4
Isophorone		0.658	0.670	0.698	0.685	0.647	0.673	2.7
2-Nitrophenol		0.153	0.157	0.169	0.182	0.169	0.171	7.3
2,4-Dimethylphenol		0.216	0.219	0.231	0.235	0.219	0.225	3.8
bis(2-Chloroethoxy)methane		0.394	0.378	0.389	0.387	0.364	0.383	2.7
2,4-Dichlorophenol		0.289	0.283	0.285	0.295	0.272	0.286	2.8
1,2,4-Trichlorobenzene		0.347	0.331	0.336	0.341	0.316	0.333	3.1
Benzoic acid		0.164	0.184	0.219	0.220	0.221	0.211	12.5
Naphthalene		1.043	1.038	1.045	1.070	1.003	1.044	2.3
4-Chloroaniline		0.307	0.327	0.334	0.337	0.305	0.319	5.4
Hexachlorobutadiene		0.228	0.231	0.228	0.232	0.220	0.226	2.4
Caprolactam		0.087	0.086	0.089	0.093	0.083	0.088	3.7
4-Chloro-3-methylphenol		0.315	0.317	0.336	0.341	0.315	0.327	3.3
2-Methylnaphthalene		0.672	0.645	0.684	0.680	0.631	0.663	3.1
Hexachlorocyclopentadiene		0.198	0.196	0.224	0.229	0.207	0.207	7.3
2,4,6-Trichlorophenol		0.378	0.373	0.388	0.421	0.370	0.386	4.4

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.: BF091324

SAS No.: BF091324

SDG No.: BF091324

Instrument ID: _____

Calibration Date(s): 9/13/2024 : _____

Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D		RRF005 = BF139346.D		RRF010 = BF139347.D		
		RRF020 = BF139348.D		RRF040 = BF139349.D		RRF050 = BF139350.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.470	1.399	1.473	1.491	1.357	1.426	3.6
2,4,5-Trichlorophenol		0.378	0.389	0.426	0.434	0.400	0.407	4.9
1,1-Biphenyl		1.615	1.478	1.566	1.613	1.479	1.539	3.8
2-Chloronaphthalene		1.130	1.110	1.181	1.215	1.116	1.150	3.3
2-Nitroaniline		0.387	0.407	0.436	0.456	0.428	0.428	5.5
Dimethylphthalate		1.318	1.284	1.354	1.382	1.253	1.313	3.4
Acenaphthylene		1.696	1.705	1.799	1.814	1.681	1.732	3.0
2,6-Dinitrotoluene		0.261	0.275	0.303	0.313	0.290	0.291	6.0
3-Nitroaniline		0.279	0.276	0.311	0.319	0.284	0.291	6.7
Acenaphthene		1.186	1.141	1.246	1.289	1.169	1.209	4.1
2,4-Dinitrophenol			0.107	0.149	0.178	0.174	0.162	18.2
4-Nitrophenol		0.225	0.228	0.243	0.264	0.244	0.240	5.3
Dibenzofuran		1.687	1.668	1.738	1.780	1.600	1.685	3.6
2,4-Dinitrotoluene		0.364	0.365	0.391	0.434	0.388	0.393	6.2
Diethylphthalate		1.359	1.291	1.405	1.440	1.309	1.355	3.9
4-Chlorophenyl-phenylether		0.671	0.638	0.691	0.705	0.642	0.668	3.6
Fluorene		1.373	1.323	1.424	1.472	1.325	1.375	4.0
4-Nitroaniline		0.303	0.315	0.344	0.348	0.307	0.317	6.8
4,6-Dinitro-2-methylphenol		0.075	0.092	0.105	0.117	0.113	0.106	15.9
n-Nitrosodiphenylamine		0.581	0.564	0.593	0.601	0.560	0.585	2.9
Azobenzene		1.341	1.286	1.375	1.423	1.280	1.332	3.9
2,4,6-Tribromophenol		0.212	0.202	0.220	0.229	0.204	0.213	4.5
4-Bromophenyl-phenylether		0.190	0.186	0.201	0.207	0.191	0.198	4.4
Hexachlorobenzene		0.232	0.229	0.228	0.243	0.223	0.233	2.9
Atrazine		0.175	0.165	0.144	0.121	0.141	0.139	17.3
Pentachlorophenol		0.123	0.130	0.143	0.150	0.137	0.140	7.2
Phenanthrene		0.981	0.928	0.992	1.004	0.938	0.965	3.0
Anthracene		0.945	0.909	0.971	0.987	0.913	0.943	3.2
Carbazole		0.923	0.897	0.958	0.946	0.881	0.903	4.8
Di-n-butylphthalate		0.935	0.972	1.073	1.075	0.991	1.006	5.3
Fluoranthene		1.100	1.092	1.137	1.085	0.957	1.030	9.3
Benzidine		0.174	0.181	0.262	0.384	0.269	0.287	31.6
Pyrene		1.536	1.568	1.791	1.924	1.774	1.717	8.1
Terphenyl-d14		1.100	1.128	1.282	1.349	1.239	1.218	7.7
Butylbenzylphthalate		0.519	0.552	0.630	0.627	0.585	0.585	6.8
3,3-Dichlorobenzidine		0.388	0.384	0.396	0.374	0.367	0.388	3.6

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.: BF091324 SAS No.: BF091324 SDG No.: BF091324
Instrument ID: _____ Calibration Date(s): 9/13/2024 : _____
Calibration Time(s): 14:32 _____

LAB FILE ID:		RRF2.5 = BF139345.D			RRF005 = BF139346.D		RRF010 = BF139347.D	
		RRF020 = BF139348.D			RRF040 = BF139349.D		RRF050 = BF139350.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.334	1.287	1.404	1.358	1.262	1.325	3.5
Chrysene		1.252	1.206	1.206	1.234	1.185	1.219	2.0
Bis(2-ethylhexyl)phthalate		0.688	0.711	0.816	0.764	0.727	0.744	5.6
Di-n-octyl phthalate		0.969	0.954	1.076	1.129	1.103	1.095	9.7
Benzo(b)fluoranthene		1.284	1.188	1.332	1.226	1.186	1.233	4.4
Benzo(k)fluoranthene		1.221	1.212	1.107	1.191	1.028	1.137	6.4
Benzo(a)pyrene		1.002	0.985	1.031	1.076	0.992	1.023	3.3
Indeno(1,2,3-cd)pyrene		0.947	1.025	1.175	1.363	1.261	1.189	12.8
Dibenzo(a,h)anthracene		0.770	0.847	0.973	1.098	1.044	0.983	13.1
Benzo(g,h,i)perylene		0.805	0.846	0.974	1.106	1.031	0.973	11.4
1,2,4,5-Tetrachlorobenzene		0.600	0.570	0.607	0.619	0.569	0.593	3.1
1,4-Dioxane		0.553	0.504	0.521	0.494	0.447	0.492	7.7
2,3,4,6-Tetrachlorophenol		0.317	0.327	0.364	0.359	0.325	0.336	5.3
1-Methylnaphthalene		0.656	0.647	0.670	0.662	0.616	0.651	2.7

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.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 09:58

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	52723	6.881	182509	8.16	98703	9.92
	UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
	LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
	EPA SAMPLE NO.						
01	PB163293BL	79463	6.88	299670	8.16	168574	9.91
02	PB163293BS	55011	6.88	201309	8.16	111042	9.92
03	PB163318BL	80141	6.88	302884	8.16	172396	9.91
04	PB163318BS	110670 *	6.88	412789 *	8.16	223873 *	9.92
05	PB163318BSD	53267	6.88	199677	8.16	109979	9.92
06	PB163344BS	58352	6.88	221337	8.16	115219	9.92
07	PB163344BSD	59379	6.88	221995	8.16	116979	9.92
08	PB163344BL	56855	6.88	212501	8.16	111838	9.91
09	EFF-WW	49342	6.88	178014	8.17	87129	9.92
10	RR-TRIAZINE-WP	53413	6.88	198914	8.16	108080	9.91
11	AST-2024-4036-PRIM	57997	6.88	211377	8.16	112258	9.91
12	FM1	55328	6.88	204428	8.16	113095	9.91
13	FM1MS	57151	6.88	205521	8.16	97759	9.92
14	FM1MSD	54473	6.88	199865	8.16	86333	9.91
15	RW-1	60683	6.88	225194	8.16	122445	9.91
16	RW-2	61662	6.88	231525	8.16	128801	9.91
17	TP-2	64507	6.88	235496	8.16	131620	9.91
18	TP-3	56035	6.88	206074	8.16	115533	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 18:33

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	52723	6.881	182509	8.16	98703	9.92
UPPER LIMIT	105446	7.381	365018	8.663	197406	10.416
LOWER LIMIT	26361.5	6.381	91254.5	7.663	49351.5	9.416
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.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139357.D Time Analyzed: 09:58

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	55743	6.881	197065	8.16	109281	9.92
	UPPER LIMIT	111486	7.381	394130	8.663	218562	10.416
	LOWER LIMIT	27871.5	6.381	98532.5	7.663	54640.5	9.416
	EPA SAMPLE NO.						
01	PB163293BL	79463	6.88	299670	8.16	168574	9.91
02	PB163293BS	55011	6.88	201309	8.16	111042	9.92
03	PB163318BL	80141	6.88	302884	8.16	172396	9.91
04	PB163318BS	110670	6.88	412789 *	8.16	223873 *	9.92
05	PB163318BSD	53267	6.88	199677	8.16	109979	9.92
06	PB163344BS	58352	6.88	221337	8.16	115219	9.92
07	PB163344BSD	59379	6.88	221995	8.16	116979	9.92
08	PB163344BL	56855	6.88	212501	8.16	111838	9.91
09	EFF-WW	49342	6.88	178014	8.17	87129	9.92
10	RR-TRIAZINE-WP	53413	6.88	198914	8.16	108080	9.91
11	AST-2024-4036-PRIM	57997	6.88	211377	8.16	112258	9.91
12	FM1	55328	6.88	204428	8.16	113095	9.91
13	FM1MS	57151	6.88	205521	8.16	97759	9.92
14	FM1MSD	54473	6.88	199865	8.16	86333	9.91
15	RW-1	60683	6.88	225194	8.16	122445	9.91
16	RW-2	61662	6.88	231525	8.16	128801	9.91
17	TP-2	64507	6.88	235496	8.16	131620	9.91
18	TP-3	56035	6.88	206074	8.16	115533	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139357.D Time Analyzed: 18:33

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	55743	6.881	197065	8.16	109281	9.92
UPPER LIMIT	111486	7.381	394130	8.663	218562	10.416
LOWER LIMIT	27871.5	6.381	98532.5	7.663	54640.5	9.416
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.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 09:58

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	194097	11.398	109489	14.033	106513	15.498
	UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
	LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
	EPA SAMPLE NO.						
01	PB163293BL	326160	11.40	219748 *	14.03	181316	15.50
02	PB163293BS	210891	11.40	117276	14.03	107009	15.50
03	PB163318BL	332951	11.40	220742 *	14.03	184482	15.50
04	PB163318BS	416538 *	11.40	219329 *	14.04	196396	15.50
05	PB163318BSD	212251	11.40	118343	14.03	109373	15.50
06	PB163344BS	229499	11.40	126138	14.03	109105	15.50
07	PB163344BSD	231948	11.40	127751	14.03	111596	15.50
08	PB163344BL	224637	11.39	138444	14.03	105797	15.50
09	EFF-WW	140323	11.40	108974	14.03	109779	15.50
10	RR-TRIAZINE-WP	192276	11.39	93742	14.03	110341	15.50
11	AST-2024-4036-PRIM	185625	11.39	97772	14.03	113354	15.50
12	FM1	205559	11.39	102310	14.03	113614	15.50
13	FM1MS	193877	11.40	87915	14.03	6169 *	15.50
14	FM1MSD	189813	11.40	76066	14.03	2234 *	15.49
15	RW-1	214114	11.39	103645	14.03	113643	15.50
16	RW-2	227293	11.39	110136	14.03	113283	15.50
17	TP-2	230431	11.39	106306	14.03	117802	15.50
18	TP-3	205688	11.39	99793	14.03	106058	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 18:33

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	194097	11.398	109489	14.033	106513	15.498
UPPER LIMIT	388194	11.898	218978	14.533	213026	15.998
LOWER LIMIT	97048.5	10.898	54744.5	13.533	53256.5	14.998
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139357.D Time Analyzed: 09:58

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	212445	11.398	119697	14.033	113510	15.498
	UPPER LIMIT	424890	11.898	239394	14.533	227020	15.998
	LOWER LIMIT	106222.5	10.898	59848.5	13.533	56755	14.998
	EPA SAMPLE NO.						
01	PB163293BL	326160	11.40	219748	14.03	181316	15.50
02	PB163293BS	210891	11.40	117276	14.03	107009	15.50
03	PB163318BL	332951	11.40	220742	14.03	184482	15.50
04	PB163318BS	416538	11.40	219329	14.04	196396	15.50
05	PB163318BSD	212251	11.40	118343	14.03	109373	15.50
06	PB163344BS	229499	11.40	126138	14.03	109105	15.50
07	PB163344BSD	231948	11.40	127751	14.03	111596	15.50
08	PB163344BL	224637	11.39	138444	14.03	105797	15.50
09	EFF-WW	140323	11.40	108974	14.03	109779	15.50
10	RR-TRIAZINE-WP	192276	11.39	93742	14.03	110341	15.50
11	AST-2024-4036-PRIM	185625	11.39	97772	14.03	113354	15.50
12	FM1	205559	11.39	102310	14.03	113614	15.50
13	FM1MS	193877	11.40	87915	14.03	6169 *	15.50
14	FM1MSD	189813	11.40	76066	14.03	2234 *	15.49
15	RW-1	214114	11.39	103645	14.03	113643	15.50
16	RW-2	227293	11.39	110136	14.03	113283	15.50
17	TP-2	230431	11.39	106306	14.03	117802	15.50
18	TP-3	205688	11.39	99793	14.03	106058	15.49

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091424 SAS No.: BF091424 SDG NO.: BF091424

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 14 2024 12:00AM

Lab File ID: BF139357.D Time Analyzed: 18:33

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	212445	11.398	119697	14.033	113510	15.498
UPPER LIMIT	424890	11.898	239394	14.533	227020	15.998
LOWER LIMIT	106222.5	10.898	59848.5	13.533	56755	14.998
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163293BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	490	ug/Kg	29				10	133	
	Aniline	1700	1800	ug/Kg	106		*		38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1600	ug/Kg	94				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1500	ug/Kg	88				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1200	ug/Kg	71				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5700	ug/Kg	173		*		45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25500	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163293BS	4-Nitrophenol	3300	3100	ug/Kg	94				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1500	ug/Kg	88				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3000	ug/Kg	88				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	2200	ug/Kg	129				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	2700	ug/Kg	82				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1700	ug/Kg	100				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163318BS	n-Nitrosodimethylamine	50	42.4	ug/L	85				55	108	
	Pyridine	50	26.2	ug/L	52				29	97	
	Benzaldehyde	50	4.9	ug/L	10				10	162	
	Aniline	50	23.4	ug/L	47				10	130	
	Phenol	50	43.8	ug/L	88				66	118	
	bis(2-Chloroethyl)ether	50	41.8	ug/L	84				62	103	
	2-Chlorophenol	50	43.6	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	41.2	ug/L	82				72	102	
	1,3-Dichlorobenzene	50	40.4	ug/L	81				71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82				76	103	
	Benzyl Alcohol	50	43.9	ug/L	88				36	93	
	2-Methylphenol	50	43.4	ug/L	87				69	109	
	2,2-oxybis(1-Chloropropane)	50	44.8	ug/L	90				65	100	
	Acetophenone	50	39.2	ug/L	78				60	104	
	3+4-Methylphenols	50	43.2	ug/L	86				67	106	
	N-Nitroso-di-n-propylamine	50	45.1	ug/L	90				57	107	
	Hexachloroethane	50	41.3	ug/L	83				76	118	
	Nitrobenzene	50	40.5	ug/L	81				58	106	
	Isophorone	50	43.7	ug/L	87				61	102	
	2-Nitrophenol	50	45.3	ug/L	91				70	115	
	2,4-Dimethylphenol	50	46.1	ug/L	92				42	142	
	bis(2-Chloroethoxy)methane	50	42.5	ug/L	85				58	109	
	2,4-Dichlorophenol	50	42.9	ug/L	86				66	115	
	1,2,4-Trichlorobenzene	50	40.4	ug/L	81				41	115	
	Benzoic acid	50	41.7	ug/L	83				10	125	
	Naphthalene	50	41.3	ug/L	83				64	107	
	4-Chloroaniline	50	20.9	ug/L	42				10	85	
	Hexachlorobutadiene	50	39	ug/L	78				69	101	
	Caprolactam	50	43.8	ug/L	88				58	128	
	4-Chloro-3-methylphenol	50	42.6	ug/L	85				65	114	
	2-Methylnaphthalene	50	42.1	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100	95.5	ug/L	96				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	42.9	ug/L	86				70	106	
	1,1-Biphenyl	50	38.9	ug/L	78				72	98	
	2-Chloronaphthalene	50	41.4	ug/L	83				59	106	
	2-Nitroaniline	50	44.1	ug/L	88				73	114	
	Dimethylphthalate	50	43.4	ug/L	87				64	103	
	Acenaphthylene	50	45.4	ug/L	91				79	103	
	2,6-Dinitrotoluene	50	42.2	ug/L	84				64	110	
	3-Nitroaniline	50	31.9	ug/L	64				28	100	
	Acenaphthene	50	46.7	ug/L	93				59	113	
	Total PAH	800	741.5	ug/L	93				59	113	
	2,4-Dinitrophenol	100	93	ug/L	93				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163318BS	4-Nitrophenol	100	79.3	ug/L	79				45	147	
	Dibenzofuran	50	42.6	ug/L	85				65	106	
	2,4-Dinitrotoluene	50	43.1	ug/L	86				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	85.3	ug/L	85				60	115	
	Diethylphthalate	50	43.7	ug/L	87				63	105	
	4-Chlorophenyl-phenylether	50	42.1	ug/L	84				61	104	
	Fluorene	50	42.6	ug/L	85				64	107	
	4-Nitroaniline	50	37.4	ug/L	75				55	125	
	4,6-Dinitro-2-methylphenol	50	49.4	ug/L	99				62	132	
	N-Nitrosodiphenylamine	50	44.9	ug/L	90				61	109	
	Azobenzene	50	43.6	ug/L	87				59	106	
	4-Bromophenyl-phenylether	50	44.6	ug/L	89				73	103	
	Hexachlorobenzene	50	42.8	ug/L	86				73	106	
	Atrazine	50	39.3	ug/L	79				76	120	
	Pentachlorophenol	100	85.2	ug/L	85				47	114	
	Phenanthrene	50	43.4	ug/L	87				62	109	
	Anthracene	50	44.1	ug/L	88				65	110	
	Carbazole	50	41.4	ug/L	83				62	106	
	Di-n-butylphthalate	50	44.6	ug/L	89				64	106	
	Fluoranthene	50	38.7	ug/L	77				64	110	
	Benzidine	100	4.2	ug/L	4		*		10	94	
	Pyrene	50	43.5	ug/L	87				71	103	
	Butylbenzylphthalate	50	46.4	ug/L	93				61	105	
	3,3-Dichlorobenzidine	50	36.5	ug/L	73				43	108	
	Benzo(a)anthracene	50	44.6	ug/L	89				62	107	
	Chrysene	50	44.7	ug/L	89				61	108	
	bis(2-Ethylhexyl)phthalate	50	47	ug/L	94				59	110	
	Di-n-octyl phthalate	50	51	ug/L	102				52	139	
	Benzo(b)fluoranthene	50	50.7	ug/L	101				77	113	
	Benzo(k)fluoranthene	50	49.1	ug/L	98				77	105	
	Benzo(a)pyrene	50	53	ug/L	106				72	131	
	Indeno(1,2,3-cd)pyrene	50	52.4	ug/L	105				72	105	
	Dibenz(a,h)anthracene	50	53.1	ug/L	106				78	115	
	Benzo(g,h,i)perylene	50	48.2	ug/L	96				75	118	
	1,2,4,5-Tetrachlorobenzene	50	39.8	ug/L	80				72	101	
	1,4-Dioxane	50	24	ug/L	48				38	125	
	2,3,4,6-Tetrachlorophenol	50	44.2	ug/L	88				63	116	
	1-Methylnaphthalene	50	39.5	ug/L	79				51	114	
PB163318BSD	n-Nitrosodimethylamine	50	43.3	ug/L	87				55	108	20
	Pyridine	50	43.1	ug/L	86				29	97	20
	Benzaldehyde	50	14.8	ug/L	30				10	162	20
	Aniline	50	52.4	ug/L	105				10	130	20
	Phenol	50	47.5	ug/L	95				66	118	20
	bis(2-Chloroethyl)ether	50	42.5	ug/L	85				62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163318BSD	2-Chlorophenol	50	45.9	ug/L	92				70	117		20
	1,2-Dichlorobenzene	50	42.9	ug/L	86				72	102		20
	1,3-Dichlorobenzene	50	43.1	ug/L	86				71	103		20
	1,4-Dichlorobenzene	50	42.7	ug/L	85				76	103		20
	Benzyl Alcohol	50	46.1	ug/L	92				36	93		20
	2-Methylphenol	50	46.2	ug/L	92				69	109		20
	2,2-oxybis(1-Chloropropane)	50	48.8	ug/L	98				65	100		20
	Acetophenone	50	44.5	ug/L	89				60	104		20
	3+4-Methylphenols	50	46.6	ug/L	93				67	106		20
	N-Nitroso-di-n-propylamine	50	48	ug/L	96				57	107		20
	Hexachloroethane	50	44.1	ug/L	88				76	118		20
	Nitrobenzene	50	42.1	ug/L	84				58	106		20
	Isophorone	50	47	ug/L	94				61	102		20
	2-Nitrophenol	50	46.9	ug/L	94				70	115		20
	2,4-Dimethylphenol	50	55.6	ug/L	111				42	142		20
	bis(2-Chloroethoxy)methane	50	45.3	ug/L	91				58	109		20
	2,4-Dichlorophenol	50	46.2	ug/L	92				66	115		20
	1,2,4-Trichlorobenzene	50	41.2	ug/L	82				41	115		20
	Benzoic acid	50	44.1	ug/L	88				10	125		20
	Naphthalene	50	43.9	ug/L	88				64	107		20
	4-Chloroaniline	50	32.9	ug/L	66				10	85		20
	Hexachlorobutadiene	50	42.2	ug/L	84				69	101		20
	Caprolactam	50	45.5	ug/L	91				58	128		20
	4-Chloro-3-methylphenol	50	45.7	ug/L	91				65	114		20
	2-Methylnaphthalene	50	44.8	ug/L	90				64	107		20
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		36	160		20
	2,4,6-Trichlorophenol	50	46.1	ug/L	92				61	110		20
	2,4,5-Trichlorophenol	50	46.2	ug/L	92				70	106		20
	1,1-Biphenyl	50	44.8	ug/L	90				72	98		20
	2-Chloronaphthalene	50	44.3	ug/L	89				59	106		20
	2-Nitroaniline	50	47.1	ug/L	94				73	114		20
	Dimethylphthalate	50	46	ug/L	92				64	103		20
	Acenaphthylene	50	48.6	ug/L	97				79	103		20
	2,6-Dinitrotoluene	50	45.1	ug/L	90				64	110		20
	3-Nitroaniline	50	36.2	ug/L	72				28	100		20
	Acenaphthene	50	51.7	ug/L	103				59	113		20
	Total PAH	800	763.9	ug/L	95				59	113		20
	2,4-Dinitrophenol	100	96.3	ug/L	96				36	166		20
	4-Nitrophenol	100	93	ug/L	93				45	147		20
	Dibenzofuran	50	46.1	ug/L	92				65	106		20
	2,4-Dinitrotoluene/2,6-Dinitro	100	92	ug/L	92				60	115		20
	2,4-Dinitrotoluene	50	46.9	ug/L	94				60	115		20
	Diethylphthalate	50	46.6	ug/L	93				63	105		20
	4-Chlorophenyl-phenylether	50	45.1	ug/L	90				61	104		20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163318BSD	Fluorene	50	45.2	ug/L	90				64	107	20
	4-Nitroaniline	50	43	ug/L	86				55	125	20
	4,6-Dinitro-2-methylphenol	50	47.3	ug/L	95				62	132	20
	N-Nitrosodiphenylamine	50	47	ug/L	94				61	109	20
	Azobenzene	50	47.3	ug/L	95				59	106	20
	4-Bromophenyl-phenylether	50	46.4	ug/L	93				73	103	20
	Hexachlorobenzene	50	44.6	ug/L	89				73	106	20
	Atrazine	50	65.3	ug/L	131		*		76	120	20
	Pentachlorophenol	100	90.5	ug/L	91				47	114	20
	Phenanthrene	50	47	ug/L	94				62	109	20
	Anthracene	50	48.8	ug/L	98				65	110	20
	Carbazole	50	46.7	ug/L	93				62	106	20
	Di-n-butylphthalate	50	48.7	ug/L	97				64	106	20
	Fluoranthene	50	46.8	ug/L	94				64	110	20
	Benzidine	100	79.3	ug/L	79				10	94	20
	Pyrene	50	50.5	ug/L	101				71	103	20
	Butylbenzylphthalate	50	53.5	ug/L	107		*		61	105	20
	3,3-Dichlorobenzidine	50	40.3	ug/L	81				43	108	20
	Benzo(a)anthracene	50	47.1	ug/L	94				62	107	20
	Chrysene	50	48	ug/L	96				61	108	20
	bis(2-Ethylhexyl)phthalate	50	54	ug/L	108				59	110	20
	Di-n-octyl phthalate	50	50.7	ug/L	101				52	139	20
	Benzo(b)fluoranthene	50	49	ug/L	98				77	113	20
	Benzo(k)fluoranthene	50	46.2	ug/L	92				77	105	20
	Benzo(a)pyrene	50	51.6	ug/L	103				72	131	20
	Indeno(1,2,3-cd)pyrene	50	48.5	ug/L	97				72	105	20
	Dibenz(a,h)anthracene	50	48.4	ug/L	97				78	115	20
	Benzo(g,h,i)perylene	50	42.6	ug/L	85				75	118	20
	1,2,4,5-Tetrachlorobenzene	50	45.2	ug/L	90				72	101	20
	1,4-Dioxane	50	36.7	ug/L	73				38	125	20
	2,3,4,6-Tetrachlorophenol	50	48.3	ug/L	97				63	116	20
	1-Methylnaphthalene	50	43.1	ug/L	86				51	114	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163344BS	n-Nitrosodimethylamine	50	46.3	ug/L	93				52	110	
	Pyridine	50	43.8	ug/L	88				55	145	
	Benzaldehyde	50	4	ug/L	8		*		10	110	
	Aniline	50	48.4	ug/L	97				50	150	
	Phenol	50	50.3	ug/L	101				48	130	
	bis(2-Chloroethyl)ether	50	46.2	ug/L	92				52	130	
	2-Chlorophenol	50	49.3	ug/L	99				55	130	
	1,2-Dichlorobenzene	50	46.8	ug/L	94				32	129	
	1,3-Dichlorobenzene	50	46.7	ug/L	93				1	172	
	1,4-Dichlorobenzene	50	47.1	ug/L	94				20	124	
	Benzyl Alcohol	50	50.3	ug/L	101				10	156	
	2-Methylphenol	50	50.2	ug/L	100				15	153	
	2,2-oxybis(1-Chloropropane)	50	52.3	ug/L	105				63	139	
	Acetophenone	50	46.9	ug/L	94				21	128	
	3+4-Methylphenols	50	50	ug/L	100				10	156	
	N-Nitroso-di-n-propylamine	50	52.3	ug/L	105				59	170	
	Hexachloroethane	50	47.1	ug/L	94				55	130	
	Nitrobenzene	50	45.6	ug/L	91				54	158	
	Isophorone	50	50	ug/L	100				52	180	
	2-Nitrophenol	50	50.5	ug/L	101				61	163	
	2,4-Dimethylphenol	50	68.1	ug/L	136		*		58	130	
	bis(2-Chloroethoxy)methane	50	48.6	ug/L	97				52	164	
	2,4-Dichlorophenol	50	48.6	ug/L	97				64	130	
	1,2,4-Trichlorobenzene	50	45.1	ug/L	90				44	142	
	Benzoic acid	50	46.3	ug/L	93				10	159	
	Naphthalene	50	46.2	ug/L	92				70	130	
	4-Chloroaniline	50	28.8	ug/L	58				10	126	
	Hexachlorobutadiene	50	44.1	ug/L	88				68	130	
	Caprolactam	50	49.4	ug/L	99				10	160	
	4-Chloro-3-methylphenol	50	48.7	ug/L	97				68	130	
	2-Methylnaphthalene	50	47.3	ug/L	95				25	124	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		21	137	
	2,4,6-Trichlorophenol	50	52.5	ug/L	105				69	130	
	2,4,5-Trichlorophenol	50	50.9	ug/L	102		*		74	100	
	1,1-Biphenyl	50	49.5	ug/L	99				20	125	
	2-Chloronaphthalene	50	49.7	ug/L	99				70	130	
	2-Nitroaniline	50	52.8	ug/L	106				61	112	
	Dimethylphthalate	50	51.6	ug/L	103				50	130	
	Acenaphthylene	50	53	ug/L	106				60	130	
	2,6-Dinitrotoluene	50	51.5	ug/L	103				68	137	
	3-Nitroaniline	50	37.5	ug/L	75				35	106	
	Acenaphthene	50	57.1	ug/L	114				70	130	
	Total PAH	800	833.6	ug/L	104				70	130	
	2,4-Dinitrophenol	100	110	ug/L	110				39	173	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client: _____

Analytical Method: **625.1**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163344BS	4-Nitrophenol	100	110	ug/L	110				35	130	
	Dibenzofuran	50	51.2	ug/L	102				29	125	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	103.4	ug/L	103				53	130	
	2,4-Dinitrotoluene	50	51.9	ug/L	104				53	130	
	Diethylphthalate	50	51.8	ug/L	104				47	130	
	4-Chlorophenyl-phenylether	50	50.6	ug/L	101				57	145	
	Fluorene	50	50.8	ug/L	102				70	130	
	4-Nitroaniline	50	47.1	ug/L	94				69	101	
	4,6-Dinitro-2-methylphenol	50	54.2	ug/L	108				56	130	
	N-Nitrosodiphenylamine	50	50.2	ug/L	100				63	100	
	Azobenzene	50	50.9	ug/L	102				58	105	
	4-Bromophenyl-phenylether	50	48.9	ug/L	98				70	130	
	Hexachlorobenzene	50	48.4	ug/L	97				38	142	
	Atrazine	50	69.4	ug/L	139		*		51	130	
	Pentachlorophenol	100	94.8	ug/L	95				42	152	
	Phenanthrene	50	50.9	ug/L	102				67	130	
	Anthracene	50	51.7	ug/L	103				58	130	
	Carbazole	50	49.9	ug/L	100				60	125	
	Di-n-butylphthalate	50	53.3	ug/L	107				52	130	
	Fluoranthene	50	49.4	ug/L	99				47	130	
	Benzidine	100	41.1	ug/L	41				10	133	
	Pyrene	50	53	ug/L	106				70	130	
	Butylbenzylphthalate	50	56.9	ug/L	114				43	140	
	3,3-Dichlorobenzidine	50	43.8	ug/L	88				18	213	
	Benzo(a)anthracene	50	51.6	ug/L	103				42	133	
	Chrysene	50	46.6	ug/L	93				44	140	
	bis(2-Ethylhexyl)phthalate	50	56.5	ug/L	113				43	137	
	Di-n-octyl phthalate	50	54	ug/L	108				21	132	
	Benzo(b)fluoranthene	50	55.3	ug/L	111				42	140	
	Benzo(k)fluoranthene	50	55.8	ug/L	112				25	146	
	Benzo(a)pyrene	50	54.9	ug/L	110				32	148	
	Indeno(1,2,3-cd)pyrene	50	52.8	ug/L	106				13	151	
	Dibenz(a,h)anthracene	50	54	ug/L	108				13	200	
	Benzo(g,h,i)perylene	50	50.5	ug/L	101				13	195	
	1,2,4,5-Tetrachlorobenzene	50	50.1	ug/L	100				70	130	
	2,3,4,6-Tetrachlorophenol	50	55.3	ug/L	111				70	130	
	1,4-Dioxane	50	38.7	ug/L	77				70	130	
PB163344BSD	n-Nitrosodimethylamine	50	47.4	ug/L	95				52	110	20
	Pyridine	50	43.3	ug/L	87				55	145	20
	Benzaldehyde	50	0	ug/L	0		*		10	110	20
	Aniline	50	47.9	ug/L	96				50	150	20
	Phenol	50	50.8	ug/L	102				48	130	20
	bis(2-Chloroethyl)ether	50	46.4	ug/L	93				52	130	20
	2-Chlorophenol	50	49.9	ug/L	100				55	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB163344BSD	1,2-Dichlorobenzene	50	47.1	ug/L	94				32	129	20
	1,3-Dichlorobenzene	50	46.3	ug/L	93				1	172	20
	1,4-Dichlorobenzene	50	47.2	ug/L	94				20	124	20
	Benzyl Alcohol	50	49.8	ug/L	100				10	156	20
	2-Methylphenol	50	50.5	ug/L	101				15	153	20
	2,2-oxybis(1-Chloropropane)	50	52.5	ug/L	105				63	139	20
	Acetophenone	50	47.9	ug/L	96				21	128	20
	3+4-Methylphenols	50	49.7	ug/L	99				10	156	20
	N-Nitroso-di-n-propylamine	50	52.2	ug/L	104				59	170	20
	Hexachloroethane	50	47.2	ug/L	94				55	130	20
	Nitrobenzene	50	46.4	ug/L	93				54	158	20
	Isophorone	50	51	ug/L	102				52	180	20
	2-Nitrophenol	50	51.5	ug/L	103				61	163	20
	2,4-Dimethylphenol	50	70.1	ug/L	140		*		58	130	20
	bis(2-Chloroethoxy)methane	50	50.2	ug/L	100				52	164	20
	2,4-Dichlorophenol	50	49.4	ug/L	99				64	130	20
	1,2,4-Trichlorobenzene	50	45.9	ug/L	92				44	142	20
	Benzoic acid	50	45.6	ug/L	91				10	159	20
	Naphthalene	50	47.6	ug/L	95				70	130	20
	4-Chloroaniline	50	27.7	ug/L	55				10	126	20
	Hexachlorobutadiene	50	45.8	ug/L	92				68	130	20
	Caprolactam	50	49.6	ug/L	99				10	160	20
	4-Chloro-3-methylphenol	50	49.5	ug/L	99				68	130	20
	2-Methylnaphthalene	50	47.9	ug/L	96				25	124	20
	Hexachlorocyclopentadiene	100	200	ug/L	200		*		21	137	20
	2,4,6-Trichlorophenol	50	53.4	ug/L	107				69	130	20
	2,4,5-Trichlorophenol	50	50.8	ug/L	102		*		74	100	20
	1,1-Biphenyl	50	49.4	ug/L	99				20	125	20
	2-Chloronaphthalene	50	49.9	ug/L	100				70	130	20
	2-Nitroaniline	50	53.1	ug/L	106				61	112	20
	Dimethylphthalate	50	51.5	ug/L	103				50	130	20
	Acenaphthylene	50	52.5	ug/L	105				60	130	20
	2,6-Dinitrotoluene	50	51.2	ug/L	102				68	137	20
	3-Nitroaniline	50	37.3	ug/L	75				35	106	20
	Acenaphthene	50	56.9	ug/L	114				70	130	20
	Total PAH	800	830.1	ug/L	104				70	130	20
	2,4-Dinitrophenol	100	110	ug/L	110				39	173	20
	4-Nitrophenol	100	110	ug/L	110				35	130	20
	Dibenzofuran	50	50.6	ug/L	101				29	125	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	102.9	ug/L	103				53	130	20
	2,4-Dinitrotoluene	50	51.7	ug/L	103				53	130	20
	Diethylphthalate	50	51.6	ug/L	103				47	130	20
	4-Chlorophenyl-phenylether	50	49.9	ug/L	100				57	145	20
	Fluorene	50	50.2	ug/L	100				70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163344BSD	4-Nitroaniline	50	46.3	ug/L	93				69	101		20
	4,6-Dinitro-2-methylphenol	50	53.3	ug/L	107				56	130		20
	N-Nitrosodiphenylamine	50	50.4	ug/L	101		*		63	100		20
	Azobenzene	50	51.3	ug/L	103				58	105		20
	4-Bromophenyl-phenylether	50	49.4	ug/L	99				70	130		20
	Hexachlorobenzene	50	48.7	ug/L	97				38	142		20
	Atrazine	50	68.6	ug/L	137		*		51	130		20
	Pentachlorophenol	100	95.2	ug/L	95				42	152		20
	Phenanthrene	50	51.1	ug/L	102				67	130		20
	Anthracene	50	52.1	ug/L	104				58	130		20
	Carbazole	50	49.6	ug/L	99				60	125		20
	Di-n-butylphthalate	50	53.2	ug/L	106				52	130		20
	Fluoranthene	50	49.6	ug/L	99				47	130		20
	Benzidine	100	41.8	ug/L	42				10	133		20
	Pyrene	50	53.5	ug/L	107				70	130		20
	Butylbenzylphthalate	50	56	ug/L	112				43	140		20
	3,3-Dichlorobenzidine	50	43.3	ug/L	87				18	213		20
	Benzo(a)anthracene	50	51.9	ug/L	104				42	133		20
	Chrysene	50	47.3	ug/L	95				44	140		20
	bis(2-Ethylhexyl)phthalate	50	56.7	ug/L	113				43	137		20
	Di-n-octyl phthalate	50	53.5	ug/L	107				21	132		20
	Benzo(b)fluoranthene	50	54.8	ug/L	110				42	140		20
	Benzo(k)fluoranthene	50	54.6	ug/L	109				25	146		20
	Benzo(a)pyrene	50	54	ug/L	108				32	148		20
	Indeno(1,2,3-cd)pyrene	50	51.9	ug/L	104				13	151		20
	Dibenz(a,h)anthracene	50	52.9	ug/L	106				13	200		20
	Benzo(g,h,i)perylene	50	49.2	ug/L	98				13	195		20
	1,2,4,5-Tetrachlorobenzene	50	50.4	ug/L	101				70	130		20
	2,3,4,6-Tetrachlorophenol	50	54.3	ug/L	109				70	130		20
	1,4-Dioxane	50	38.1	ug/L	76				70	130		20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163293BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091424

SAS No.: BF091424 SDG NO.: BF091424

Lab File ID: BF139358.D

Lab Sample ID: PB163293BL

Instrument ID: BNA_F

Date Extracted: 09/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/14/2024

Level: (low/med) LOW

Time Analyzed: 09:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163293BS	PB163293BS	BF139359.D	09/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163318BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091424

SAS No.: BF091424 SDG NO.: BF091424

Lab File ID: BF139360.D

Lab Sample ID: PB163318BL

Instrument ID: BNA_F

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/14/2024

Level: (low/med) LOW

Time Analyzed: 10:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163318BS	PB163318BS	BF139361.D	09/14/2024
PB163318BSD	PB163318BSD	BF139362.D	09/14/2024
RR-TRIAZINE-WP	P3845-22	BF139367.D	09/14/2024
AST-2024-4036-PRIM	P3940-01	BF139368.D	09/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163344BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091424

SAS No.: BF091424 SDG NO.: BF091424

Lab File ID: BF139365.D

Lab Sample ID: PB163344BL

Instrument ID: BNA_F

Date Extracted: 09/12/2024

Matrix: (soil/water) Water

Date Analyzed: 09/14/2024

Level: (low/med) LOW

Time Analyzed: 13:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EFF-WW	P3956-02	BF139366.D	09/14/2024
PB163344BS	PB163344BS	BF139363.D	09/14/2024
PB163344BSD	PB163344BSD	BF139364.D	09/14/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

FM1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091424

SAS No.: BF091424 SDG NO.: BF091424

Lab File ID: BF139369.D

Lab Sample ID: P3932-03

Instrument ID: BNA_F

Date Extracted: 09/14/2024

Matrix: (soil/water) water

Date Analyzed: 09/14/2024

Level: (low/med) LOW

Time Analyzed: 15:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
FM1	P3932-03	BF139369.D	09/14/2024
FM1MS	P3932-03MS	BF139370.D	09/14/2024
FM1MSD	P3932-03MSD	BF139371.D	09/14/2024
RW-1	P3947-04	BF139372.D	09/14/2024
RW-2	P3976-04	BF139373.D	09/14/2024
TP-2	P3989-04	BF139374.D	09/14/2024
TP-3	P3989-08	BF139375.D	09/14/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3932-03MS		Client Sample ID: FM1MS		DataFile: BF139370.D							
n-Nitrosodimethylamine	500		400	ug/L	80				10	130	
Pyridine	500		86.2	ug/L	17				10	109	
Benzaldehyde	500		120	ug/L	24				10	137	
Aniline	500		22.9	ug/L	5	*			10	130	
Phenol	500		340	ug/L	68				10	130	
bis(2-Chloroethyl)ether	500		420	ug/L	84				29	141	
2-Chlorophenol	500		420	ug/L	84				23	127	
1,2-Dichlorobenzene	500		390	ug/L	78				61	114	
1,3-Dichlorobenzene	500		390	ug/L	78				65	106	
1,4-Dichlorobenzene	500		390	ug/L	78				55	125	
Benzyl Alcohol	500		65.9	ug/L	13	*			31	94	
2-Methylphenol	500		390	ug/L	78				37	126	
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92				36	141	
Acetophenone	500		440	ug/L	88				31	164	
3+4-Methylphenols	500		380	ug/L	76				31	127	
N-Nitroso-di-n-propylamine	500		450	ug/L	90				36	147	
Hexachloroethane	500		390	ug/L	78				49	110	
Nitrobenzene	500		420	ug/L	84				62	112	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		450	ug/L	90				30	148	
2,4-Dimethylphenol	500		510	ug/L	102				17	143	
bis(2-Chloroethoxy)methane	500		170	ug/L	34	*			39	143	
2,4-Dichlorophenol	500		460	ug/L	92				22	146	
1,2,4-Trichlorobenzene	500		410	ug/L	82				66	110	
Benzoic acid	500		430	ug/L	86				10	101	
Naphthalene	500		430	ug/L	86				17	157	
4-Chloroaniline	500			ug/L	0	*			10	95	
Hexachlorobutadiene	500		410	ug/L	82				52	125	
Caprolactam	500		230	ug/L	46				10	130	
4-Chloro-3-methylphenol	500		440	ug/L	88				17	148	
2-Methylnaphthalene	500		450	ug/L	90				38	146	
Hexachlorocyclopentadiene	1000		1800	ug/L	180	*			20	153	
2,4,6-Trichlorophenol	500		560	ug/L	112				78	112	
2,4,5-Trichlorophenol	500		520	ug/L	104				71	111	
1,1-Biphenyl	500		520	ug/L	104				38	154	
2-Chloronaphthalene	500		510	ug/L	102				41	145	
2-Nitroaniline	500		270	ug/L	54				39	151	
Dimethylphthalate	500		550	ug/L	110				42	147	
Acenaphthylene	500		320	ug/L	64				40	141	
2,6-Dinitrotoluene	500		540	ug/L	108				43	148	
3-Nitroaniline	500		47.2	ug/L	9	*			10	111	
Acenaphthene	500		560	ug/L	112				37	146	
Total PAH	8000		36200	ug/L	453	*			37	146	
2,4-Dinitrophenol	1000		1200	ug/L	120				14	167	
4-Nitrophenol	1000		880	ug/L	88				10	130	
Dibenzofuran	500		530	ug/L	106				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		550	ug/L	110				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1090	ug/L	109				50	142	
Diethylphthalate	500		550	ug/L	110				41	148	
4-Chlorophenyl-phenylether	500		530	ug/L	106				38	149	
Fluorene	500		520	ug/L	104				39	144	
4-Nitroaniline	500		130	ug/L	26	*			27	138	
4,6-Dinitro-2-methylphenol	500		570	ug/L	114				32	175	
N-Nitrosodiphenylamine	500		34.1	ug/L	7	*			40	150	
Azobenzene	500		340	ug/L	68	*			72	112	
4-Bromophenyl-phenylether	500		510	ug/L	102				42	151	
Hexachlorobenzene	500		500	ug/L	100				72	115	
Atrazine	500			ug/L	0	*			20	162	
Pentachlorophenol	1000		1100	ug/L	110				25	139	
Phenanthrene	500		500	ug/L	100				40	147	
Anthracene	500		480	ug/L	96				41	146	
Carbazole	500		26.7	ug/L	5	*			37	154	
Di-n-butylphthalate	500		510	ug/L	102				40	151	
Fluoranthene	500		410	ug/L	82				42	146	
Benzidine	1000			ug/L	0	*			10	130	
Pyrene	500		370	ug/L	74				41	149	
Butylbenzylphthalate	500		370	ug/L	74				39	155	
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	
Benzo(a)anthracene	500		490	ug/L	98				41	147	
Chrysene	500		520	ug/L	104				44	144	
bis(2-Ethylhexyl)phthalate	500		560	ug/L	112				33	160	
Di-n-octyl phthalate	500		640	ug/L	128				36	158	
Benzo(b)fluoranthene	500		8000	ug/L	1600	*			40	150	
Benzo(k)fluoranthene	500		6100	ug/L	1220	*			40	147	
Benzo(a)pyrene	500		3700	ug/L	740	*			42	147	
Indeno(1,2,3-cd)pyrene	500		4000	ug/L	800	*			30	166	
Dibenz(a,h)anthracene	500		6900	ug/L	1380	*			23	172	
Benzo(g,h,i)perylene	500		2900	ug/L	580	*			27	167	
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*			89	102	
1,4-Dioxane	500		360	ug/L	72				38	130	
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110				91	111	
1-Methylnaphthalene	500		430	ug/L	86				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3932-03MSD		Client Sample ID: FM1MSD		DataFile: BF139371.D							
n-Nitrosodimethylamine	500		380	ug/L	76				10	130	20
Pyridine	500		62.9	ug/L	13				10	109	20
Benzaldehyde	500		120	ug/L	24				10	137	20
Aniline	500			ug/L	0	*			10	130	20
Phenol	500		330	ug/L	66				10	130	20
bis(2-Chloroethyl)ether	500		410	ug/L	82				29	141	20
2-Chlorophenol	500		410	ug/L	82				23	127	20
1,2-Dichlorobenzene	500		390	ug/L	78				61	114	20
1,3-Dichlorobenzene	500		380	ug/L	76				65	106	20
1,4-Dichlorobenzene	500		380	ug/L	76				55	125	20
Benzyl Alcohol	500		51.5	ug/L	10	*			31	94	20
2-Methylphenol	500		380	ug/L	76				37	126	20
2,2-oxybis(1-Chloropropane)	500		460	ug/L	92				36	141	20
Acetophenone	500		430	ug/L	86				31	164	20
3+4-Methylphenols	500		370	ug/L	74				31	127	20
N-Nitroso-di-n-propylamine	500		430	ug/L	86				36	147	20
Hexachloroethane	500		380	ug/L	76				49	110	20
Nitrobenzene	500		420	ug/L	84				62	112	20
Isophorone	500		450	ug/L	90				39	146	20
2-Nitrophenol	500		440	ug/L	88				30	148	20
2,4-Dimethylphenol	500		500	ug/L	100				17	143	20
bis(2-Chloroethoxy)methane	500		130	ug/L	26	*			39	143	20
2,4-Dichlorophenol	500		450	ug/L	90				22	146	20
1,2,4-Trichlorobenzene	500		390	ug/L	78				66	110	20
Benzoic acid	500		400	ug/L	80				10	101	20
Naphthalene	500		420	ug/L	84				17	157	20
4-Chloroaniline	500			ug/L	0	*			10	95	20
Hexachlorobutadiene	500		400	ug/L	80				52	125	20
Caprolactam	500		210	ug/L	42				10	130	20
4-Chloro-3-methylphenol	500		420	ug/L	84				17	148	20
2-Methylnaphthalene	500		440	ug/L	88				38	146	20
Hexachlorocyclopentadiene	1000		2000	ug/L	200	*			20	153	20
2,4,6-Trichlorophenol	500		600	ug/L	120	*			78	112	20
2,4,5-Trichlorophenol	500		560	ug/L	112	*			71	111	20
1,1-Biphenyl	500		560	ug/L	112				38	154	20
2-Chloronaphthalene	500		550	ug/L	110				41	145	20
2-Nitroaniline	500		220	ug/L	44				39	151	20
Dimethylphthalate	500		600	ug/L	120				42	147	20
Acenaphthylene	500		300	ug/L	60				40	141	20
2,6-Dinitrotoluene	500		580	ug/L	116				43	148	20
3-Nitroaniline	500		35.7	ug/L	7	*			10	111	20
Acenaphthene	500		590	ug/L	118				37	146	20
Total PAH	8000		65570	ug/L	820	*			37	146	20
2,4-Dinitrophenol	1000		1400	ug/L	140				14	167	20
4-Nitrophenol	1000		940	ug/L	94				10	130	20
Dibenzofuran	500		580	ug/L	116				41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		600	ug/L	120				50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1180	ug/L	118				50	142	20
Diethylphthalate	500		580	ug/L	116				41	148	20
4-Chlorophenyl-phenylether	500		570	ug/L	114				38	149	20
Fluorene	500		560	ug/L	112				39	144	20
4-Nitroaniline	500		120	ug/L	24	*			27	138	20
4,6-Dinitro-2-methylphenol	500		560	ug/L	112				32	175	20
N-Nitrosodiphenylamine	500		25.5	ug/L	5	*			40	150	20
Azobenzene	500		260	ug/L	52	*			72	112	20
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	20
Hexachlorobenzene	500		490	ug/L	98				72	115	20
Atrazine	500			ug/L	0	*			20	162	20
Pentachlorophenol	1000		1000	ug/L	100				25	139	20
Phenanthrene	500		490	ug/L	98				40	147	20
Anthracene	500		470	ug/L	94				41	146	20
Carbazole	500		22.5	ug/L	5	*			37	154	20
Di-n-butylphthalate	500		500	ug/L	100				40	151	20
Fluoranthene	500		410	ug/L	82				42	146	20
Benzydine	1000			ug/L	0	*			10	130	20
Pyrene	500		320	ug/L	64				41	149	20
Butylbenzylphthalate	500		290	ug/L	58				39	155	20
3,3-Dichlorobenzidine	500			ug/L	0	*			10	114	20
Benzo(a)anthracene	500		490	ug/L	98				41	147	20
Chrysene	500		520	ug/L	104				44	144	20
bis(2-Ethylhexyl)phthalate	500		630	ug/L	126				33	160	20
Di-n-octyl phthalate	500		680	ug/L	136				36	158	20
Benzo(b)fluoranthene	500		18200	ug/L	3640	*			40	150	20
Benzo(k)fluoranthene	500		10100	ug/L	2020	*			40	147	20
Benzo(a)pyrene	500		6200	ug/L	1240	*			42	147	20
Indeno(1,2,3-cd)pyrene	500		7100	ug/L	1420	*			30	166	20
Dibenz(a,h)anthracene	500		14200	ug/L	2840	*			23	172	20
Benzo(g,h,i)perylene	500		5200	ug/L	1040	*			27	167	20
1,2,4,5-Tetrachlorobenzene	500		550	ug/L	110	*			89	102	20
1,4-Dioxane	500		360	ug/L	72				38	130	20
2,3,4,6-Tetrachlorophenol	500		610	ug/L	122	*			91	111	20
1-Methylnaphthalene	500		420	ug/L	84				25	151	20

Surrogate Summary

SW-846

SDG No.: **BF091424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163293BL	PB163293BL	BF139358.D	2-Fluorophenol	150	120.84	81		18	112
			Phenol-d6	150	119.98	80		15	107
			Nitrobenzene-d5	100	81.75	82		18	107
			2-Fluorobiphenyl	100	82.56	83		20	109
			2,4,6-Tribromophenol	150	118.55	79		10	116
			Terphenyl-d14	100	85.43	85		10	105
PB163293BS	PB163293BS	BF139359.D	2-Fluorophenol	150	133.68	89		18	112
			Phenol-d6	150	132.26	88		15	107
			Nitrobenzene-d5	100	91.70	92		18	107
			2-Fluorobiphenyl	100	93.04	93		20	109
			2,4,6-Tribromophenol	150	140.12	93		10	116
			Terphenyl-d14	100	109.29	109	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF091424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3845-22	RR-TRIAZINE-WPBF139367.D		2-Fluorophenol	150	139.97	93		10	139
			Phenol-d6	150	142.01	95		10	134
			Nitrobenzene-d5	100	99.54	100		49	133
			2-Fluorobiphenyl	100	100.80	101		52	132
			2,4,6-Tribromophenol	150	140.72	94		44	137
			Terphenyl-d14	100	112.83	113		48	125
P3940-01	AST-2024-4036-PRBF139368.D		2-Fluorophenol	150	40.44	27		10	139
			Phenol-d6	150	25.40	17		10	134
			Nitrobenzene-d5	100	66.92	67		49	133
			2-Fluorobiphenyl	100	66.81	67		52	132
			2,4,6-Tribromophenol	150	111.73	74		44	137
			Terphenyl-d14	100	77.15	77		48	125
PB163318BL	PB163318BL	BF139360.D	2-Fluorophenol	150	121.28	81		10	139
			Phenol-d6	150	120.06	80		10	134
			Nitrobenzene-d5	100	81.28	81		49	133
			2-Fluorobiphenyl	100	80.38	80		52	132
			2,4,6-Tribromophenol	150	116.22	77		44	137
			Terphenyl-d14	100	86.60	87		48	125
PB163318BS	PB163318BS	BF139361.D	2-Fluorophenol	150	119.91	80		10	139
			Phenol-d6	150	116.63	78		10	134
			Nitrobenzene-d5	100	79.44	79		49	133
			2-Fluorobiphenyl	100	77.80	78		52	132
			2,4,6-Tribromophenol	150	123.04	82		44	137
			Terphenyl-d14	100	85.76	86		48	125
PB163318BSD	PB163318BSD	BF139362.D	2-Fluorophenol	150	134.72	90		10	139
			Phenol-d6	150	135.72	90		10	134
			Nitrobenzene-d5	100	92.22	92		49	133
			2-Fluorobiphenyl	100	93.36	93		52	132
			2,4,6-Tribromophenol	150	142.78	95		44	137
			Terphenyl-d14	100	109.43	109		48	125

Surrogate Summary

SW-846

SDG No.: **BF091424**

Client:

Analytical Method: **625.1**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3956-02	EFF-WW	BF139366.D	2-Fluorophenol	100	39.85	40	*	60	140
			Phenol-d6	100	18.35	18	*	60	140
			Nitrobenzene-d5	100	84.30	84		60	140
			2-Fluorobiphenyl	100	93.95	94		60	140
			2,4,6-Tribromophenol	100	76.26	76		60	140
			Terphenyl-d14	100	77.62	78		60	140
PB163344BL	PB163344BL	BF139365.D	2-Fluorophenol	100	87.27	87		60	140
			Phenol-d6	100	89.76	90		60	140
			Nitrobenzene-d5	100	92.81	93		60	140
			2-Fluorobiphenyl	100	97.48	97		60	140
			2,4,6-Tribromophenol	100	77.33	77		60	140
			Terphenyl-d14	100	103.20	103		60	140
PB163344BS	PB163344BS	BF139363.D	2-Fluorophenol	100	94.85	95		60	140
			Phenol-d6	100	94.19	94		60	140
			Nitrobenzene-d5	100	93.82	94		60	140
			2-Fluorobiphenyl	100	98.18	98		60	140
			2,4,6-Tribromophenol	100	101.02	101		60	140
			Terphenyl-d14	100	111.69	112		60	140
PB163344BSD	PB163344BSD	BF139364.D	2-Fluorophenol	100	94.50	95		60	140
			Phenol-d6	100	94.68	95		60	140
			Nitrobenzene-d5	100	95.29	95		60	140
			2-Fluorobiphenyl	100	100.00	100		60	140
			2,4,6-Tribromophenol	100	100.32	100		60	140
			Terphenyl-d14	100	111.03	111		60	140

Surrogate Summary

SW-846

SDG No.: **BF091424**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3932-03	FM1	BF139369.D	2-Fluorophenol	150	89.97	60		10	139
			Phenol-d6	150	81.03	54		10	134
			Nitrobenzene-d5	100	71.34	71		49	133
			2-Fluorobiphenyl	100	70.94	71		52	132
			2,4,6-Tribromophenol	150	121.25	81		44	137
			Terphenyl-d14	100	115.23	115		48	125
P3932-03MS	FM1MS	BF139370.D	2-Fluorophenol	150	112.81	75		10	139
			Phenol-d6	150	94.19	63		10	134
			Nitrobenzene-d5	100	87.80	88		49	133
			2-Fluorobiphenyl	100	101.84	102		52	132
			2,4,6-Tribromophenol	150	150.83	101		44	137
			Terphenyl-d14	100	113.36	113		48	125
P3932-03MSD	FM1MSD	BF139371.D	2-Fluorophenol	150	110.77	74		10	139
			Phenol-d6	150	91.32	61		10	134
			Nitrobenzene-d5	100	85.51	86		49	133
			2-Fluorobiphenyl	100	108.16	108		52	132
			2,4,6-Tribromophenol	150	165.46	110		44	137
			Terphenyl-d14	100	130.35	130	*	48	125
P3947-04	RW-1	BF139372.D	2-Fluorophenol	150	95.21	63		10	139
			Phenol-d6	150	87.40	58		10	134
			Nitrobenzene-d5	100	74.08	74		49	133
			2-Fluorobiphenyl	100	75.57	76		52	132
			2,4,6-Tribromophenol	150	115.22	77		44	137
			Terphenyl-d14	100	90.66	91		48	125
P3976-04	RW-2	BF139373.D	2-Fluorophenol	150	132.84	89		10	139
			Phenol-d6	150	124.07	83		10	134
			Nitrobenzene-d5	100	93.08	93		49	133
			2-Fluorobiphenyl	100	90.96	91		52	132
			2,4,6-Tribromophenol	150	138.81	93		44	137
			Terphenyl-d14	100	103.87	104		48	125
P3989-04	TP-2	BF139374.D	2-Fluorophenol	150	117.78	79		10	139
			Phenol-d6	150	107.45	72		10	134
			Nitrobenzene-d5	100	91.78	92		49	133
			2-Fluorobiphenyl	100	91.17	91		52	132
			2,4,6-Tribromophenol	150	128.95	86		44	137
			Terphenyl-d14	100	108.66	109		48	125
P3989-08	TP-3	BF139375.D	2-Fluorophenol	150	125.95	84		10	139
			Phenol-d6	150	116.84	78		10	134
			Nitrobenzene-d5	100	89.71	90		49	133
			2-Fluorobiphenyl	100	88.58	89		52	132
			2,4,6-Tribromophenol	150	125.70	84		44	137
			Terphenyl-d14	100	102.51	103		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091424

Lab Code: CHEM

SAS No.: BF091424 SDG NO.: BF091424

Lab File ID: BF139356.D

DFTPP Injection Date: 09/14/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.1
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.2
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	6.9
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	94.1
443	15.0 - 24.0% of mass 442	17.8 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139357.D	09/14/2024	09:31
PB163293BL	PB163293BL	BF139358.D	09/14/2024	09:58
PB163293BS	PB163293BS	BF139359.D	09/14/2024	10:26
PB163318BL	PB163318BL	BF139360.D	09/14/2024	10:54
PB163318BS	PB163318BS	BF139361.D	09/14/2024	11:22
PB163318BSD	PB163318BSD	BF139362.D	09/14/2024	11:50
PB163344BS	PB163344BS	BF139363.D	09/14/2024	12:19
PB163344BSD	PB163344BSD	BF139364.D	09/14/2024	12:47
PB163344BL	PB163344BL	BF139365.D	09/14/2024	13:16
EFF-WW	P3956-02	BF139366.D	09/14/2024	13:51
RR-TRIAZINE-WP	P3845-22	BF139367.D	09/14/2024	14:19
AST-2024-4036-PRIM	P3940-01	BF139368.D	09/14/2024	14:48
FM1	P3932-03	BF139369.D	09/14/2024	15:42
FM1MS	P3932-03MS	BF139370.D	09/14/2024	16:11
FM1MSD	P3932-03MSD	BF139371.D	09/14/2024	16:39
RW-1	P3947-04	BF139372.D	09/14/2024	17:08
RW-2	P3976-04	BF139373.D	09/14/2024	17:36
TP-2	P3989-04	BF139374.D	09/14/2024	18:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091424

Lab Code: CHEM

SAS No.: BF091424

SDG NO.: BF091424

Lab File ID: BF139356.D

DFTPP Injection Date: 09/14/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.1
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	39.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.2
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	6.9
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	94.1
443	15.0 - 24.0% of mass 442	17.8 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
TP-3	P3989-08	BF139375.D	09/14/2024	18:33