

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF092624 SAS No.: BF092624 SDG No.: BF092624

Instrument ID: BNA_F Calibration Date/Time: 9/26/2024 1:14:54

Lab File ID: BF139547.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	0.804		-14.468	
Pyridine	1.084	1.206		11.255	
2-Fluorophenol	1.226	1.165		-4.976	
Benzaldehyde	0.930	1.083		16.452	
Aniline	1.214	1.276		5.107	
Phenol-d6	1.609	1.515		-5.842	
Phenol	1.639	1.610		-1.769	20.0
bis(2-Chloroethyl)ether	1.246	1.204		-3.371	
2-Chlorophenol	1.262	1.222		-3.17	
1,2-Dichlorobenzene	1.370	1.318		-3.796	
1,3-Dichlorobenzene	1.435	1.396		-2.718	
1,4-Dichlorobenzene	1.450	1.402		-3.31	20.0
Benzyl Alcohol	1.284	1.150		-10.436	
2-Methylphenol	1.003	0.989		-1.396	
2,2-oxybis(1-Chloropropane)	1.920	2.111		9.948	
Acetophenone	0.523	0.476		-8.987	
3+4-Methylphenols	1.368	1.232		-9.942	
n-Nitroso-di-n-propylamine	0.954	0.921	0.050	-3.459	
Nitrobenzene-d5	0.425	0.396		-6.824	
Hexachloroethane	0.552	0.529		-4.167	
Nitrobenzene	0.438	0.412		-5.936	
Isophorone	0.673	0.666		-1.04	
2-Nitrophenol	0.171	0.179		4.678	20.0
2,4-Dimethylphenol	0.225	0.223		-0.889	
bis(2-Chloroethoxy)methane	0.383	0.402		4.961	
2,4-Dichlorophenol	0.286	0.279		-2.448	20.0
1,2,4-Trichlorobenzene	0.333	0.320		-3.904	
Benzoic acid	0.211	0.210		-0.474	
Naphthalene	1.044	1.013		-2.969	
4-Chloroaniline	0.319	0.328		2.821	
Hexachlorobutadiene	0.226	0.207		-8.407	20.0
Caprolactam	0.088	0.087		-1.136	
4-Chloro-3-methylphenol	0.327	0.306		-6.422	20.0
2-Methylnaphthalene	0.663	0.644		-2.866	
Hexachlorocyclopentadiene	0.207	0.180	0.050	-13.043	
2,4,6-Trichlorophenol	0.386	0.376		-2.591	20.0
2-Fluorobiphenyl	1.426	1.300		-8.836	
2,4,5-Trichlorophenol	0.407	0.398		-2.211	
1,1-Biphenyl	1.539	1.499		-2.599	

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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	1.123		-2.348	
2-Nitroaniline	0.428	0.397		-7.243	
Dimethylphthalate	1.313	1.236		-5.864	
Acenaphthylene	1.732	1.684		-2.771	
2,6-Dinitrotoluene	0.291	0.287		-1.375	
3-Nitroaniline	0.291	0.281		-3.436	
Acenaphthene	1.209	1.133		-6.286	20.0
2,4-Dinitrophenol	0.162	0.145	0.050	-10.494	
4-Nitrophenol	0.240	0.195	0.050	-18.75	
Dibenzofuran	1.685	1.585		-5.935	
2,4-Dinitrotoluene	0.393	0.371		-5.598	
Diethylphthalate	1.355	1.249		-7.823	
4-Chlorophenyl-phenylether	0.668	0.613		-8.234	
Fluorene	1.375	1.259		-8.436	
4-Nitroaniline	0.317	0.256		-19.243	
4,6-Dinitro-2-methylphenol	0.106	0.114		7.547	
n-Nitrosodiphenylamine	0.585	0.609		4.103	20.0
Azobenzene	1.332	1.254		-5.856	
2,4,6-Tribromophenol	0.213	0.180		-15.493	
4-Bromophenyl-phenylether	0.198	0.208		5.051	
Hexachlorobenzene	0.233	0.228		-2.146	
Atrazine	0.139	0.113		-18.705	
Pentachlorophenol	0.140	0.125		-10.714	20.0
Phenanthrene	0.965	0.928		-3.834	
Anthracene	0.943	0.916		-2.863	
Carbazole	0.903	0.838		-7.198	
Di-n-butylphthalate	1.006	0.965		-4.076	
Fluoranthene	1.030	0.907		-11.942	20.0
Benzidine	0.287	0.347		20.906	
Pyrene	1.717	1.621		-5.591	
Terphenyl-d14	1.218	1.083		-11.084	
Butylbenzylphthalate	0.585	0.592		1.197	
3,3-Dichlorobenzidine	0.388	0.395		1.804	
Benzo(a)anthracene	1.325	1.326		0.075	
Chrysene	1.219	1.147		-5.906	
Bis(2-ethylhexyl)phthalate	0.744	0.765		2.823	
Di-n-octyl phthalate	1.095	1.332		21.644	20.0
Benzo(b)fluoranthene	1.233	1.202		-2.514	
Benzo(k)fluoranthene	1.137	1.017		-10.554	

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Instrument ID: BNA_F Calibration Date/Time: 9/26/2024 1:14:54

Lab File ID: BF139547.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	1.005		-1.76	20.0
Indeno(1,2,3-cd)pyrene	1.189	1.173		-1.346	
Dibenzo(a,h)anthracene	0.983	0.967		-1.628	
Benzo(g,h,i)perylene	0.973	0.970		-0.308	
1,2,4,5-Tetrachlorobenzene	0.593	0.566		-4.553	
1,4-Dioxane	0.492	0.483		-1.829	20.0
2,3,4,6-Tetrachlorophenol	0.336	0.307		-8.631	
1-Methylnaphthalene	0.651	0.627		-3.687	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BL	SDG No.:	BF092624
Lab Sample ID:	PB163697BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139548.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

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

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BL	SDG No.:	BF092624
Lab Sample ID:	PB163697BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139548.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BL	SDG No.:	BF092624
Lab Sample ID:	PB163697BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139548.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.741		18-112		92	SPK: -150
13127-88-3	Phenol-d6	137.024		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	90.371		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	88.411		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BL	SDG No.:	BF092624
Lab Sample ID:	PB163697BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139548.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.338		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	98.672		10-105		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81130	6.875				
1146-65-2	Naphthalene-d8	310840	8.157				
15067-26-2	Acenaphthene-d10	172665	9.91				
1517-22-2	Phenanthrene-d10	326485	11.398				
1719-03-5	Chrysene-d12	194540	14.039				
1520-96-3	Perylene-d12	150997	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.116	

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BS	SDG No.:	BF092624
Lab Sample ID:	PB163697BS	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
BF139549.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1700		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	310	J	180	270	330	ug/Kg
62-53-3	Aniline	1900		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BS	SDG No.:	BF092624
Lab Sample ID:	PB163697BS	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
BF139549.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1700		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5000	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	26400		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2800	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3000		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	2200		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BS	SDG No.:	BF092624
Lab Sample ID:	PB163697BS	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
BF139549.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2800	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1700		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1600		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	2900	E	160	270	330	ug/Kg
129-00-0	Pyrene	1800		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1400		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	127.047		18-112		85	SPK: -150
13127-88-3	Phenol-d6	125.782		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	84.839		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	81.278		20-109		81	SPK: -100

Report of Analysis

Client:		Date Collected:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	PB163697BS	SDG No.:	BF092624
Lab Sample ID:	PB163697BS	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
BF139549.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.739		10-116		77	SPK: -150
1718-51-0	Terphenyl-d14	95.826		10-105		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82403	6.881				
1146-65-2	Naphthalene-d8	310214	8.163				
15067-26-2	Acenaphthene-d10	175082	9.916				
1517-22-2	Phenanthrene-d10	312559	11.404				
1719-03-5	Chrysene-d12	154736	14.039				
1520-96-3	Perylene-d12	160763	15.51				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BS	SDG No.:	BF092624
Lab Sample ID:	PB163677BS	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
BF139550.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.3		1	8	10	ug/L
110-86-1	Pyridine	54.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.1		4	8	10	ug/L
62-53-3	Aniline	62.6		1.6	4	5	ug/L
108-95-2	Phenol	52.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	52.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	52.8		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	50.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	49.4		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	50		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	49.8		1.6	8	10	ug/L
95-48-7	2-Methylphenol	52.8		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	62.4		1.4	4	5	ug/L
98-86-2	Acetophenone	46.7		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.1		1.5	4	5	ug/L
67-72-1	Hexachloroethane	50.1		1	4	5	ug/L
98-95-3	Nitrobenzene	46.8		1.3	4	5	ug/L
78-59-1	Isophorone	52.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	54.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	62.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	47		1.1	4	5	ug/L
65-85-0	Benzoic acid	46.8		5.5	8	10	ug/L
91-20-3	Naphthalene	49.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	24.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.7		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BS	SDG No.:	BF092624
Lab Sample ID:	PB163677BS	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
BF139550.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	50.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	50.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	49.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.9		0.93	4	5	ug/L
208-96-8	Acenaphthylene	53.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	50.6		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.2		0.81	4	5	ug/L
Total PAH	Total PAH	844.9		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	87.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49.4		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100.7		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	50.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	48.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	47.3		0.98	4	5	ug/L
86-73-7	Fluorene	48.1		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	57.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	55.6		0.89	4	5	ug/L
103-33-3	Azobenzene	50.7		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	54.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	51.7		1.1	4	5	ug/L
1912-24-9	Atrazine	72.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BS	SDG No.:	BF092624
Lab Sample ID:	PB163677BS	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
BF139550.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	53.3		0.89	4	5	ug/L
120-12-7	Anthracene	55.2		1.1	4	5	ug/L
86-74-8	Carbazole	49.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	45.9		1.3	4	5	ug/L
92-87-5	Benzidine	110	E	4.1	8	10	ug/L
129-00-0	Pyrene	54.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	44.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	52.8		0.94	4	5	ug/L
218-01-9	Chrysene	55.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	60		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	52.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.6		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	57		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	56		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	51.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.1		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	49.9		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	44.5		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	96.924		60-140		97	SPK: -100
13127-88-3	Phenol-d6	95.557		60-140		96	SPK: -100
4165-60-0	Nitrobenzene-d5	91.418		60-140		91	SPK: -100
321-60-8	2-Fluorobiphenyl	89.229		60-140		89	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.633		60-140		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BS	SDG No.:	BF092624
Lab Sample ID:	PB163677BS	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
BF139550.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	98.229		60-140		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76718	6.881				
1146-65-2	Naphthalene-d8	291390	8.163				
15067-26-2	Acenaphthene-d10	157795	9.916				
1517-22-2	Phenanthrene-d10	273650	11.404				
1719-03-5	Chrysene-d12	141027	14.039				
1520-96-3	Perylene-d12	157414	15.509				
	1-Methylnaphthalene	47.3					

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BSD	SDG No.:	BF092624
Lab Sample ID:	PB163677BSD	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
BF139551.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.7		1	8	10	ug/L
110-86-1	Pyridine	54.9		1.6	4	5	ug/L
100-52-7	Benzaldehyde	12.1		4	8	10	ug/L
62-53-3	Aniline	64.1		1.6	4	5	ug/L
108-95-2	Phenol	54		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	52.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	54.3		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	52		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	50		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	51		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	50.6		1.6	8	10	ug/L
95-48-7	2-Methylphenol	53.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	63.3		1.4	4	5	ug/L
98-86-2	Acetophenone	48.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	50.1		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.5		1.5	4	5	ug/L
67-72-1	Hexachloroethane	50.6		1	4	5	ug/L
98-95-3	Nitrobenzene	48.3		1.3	4	5	ug/L
78-59-1	Isophorone	54.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	57		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	64.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	55		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	49		1.1	4	5	ug/L
65-85-0	Benzoic acid	48.6		5.5	8	10	ug/L
91-20-3	Naphthalene	51.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	25.6		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BSD	SDG No.:	BF092624
Lab Sample ID:	PB163677BSD	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
BF139551.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.9		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	52.4		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	180	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	53.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	51.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	52.1		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	51.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	53.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	56.6		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	52.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	36.2		1.4	4	5	ug/L
83-32-9	Acenaphthene	57.4		0.81	4	5	ug/L
Total PAH	Total PAH	875.3		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	91.1	E	2	8	10	ug/L
132-64-9	Dibenzofuran	52.3		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.2		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	51.7		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.4		0.98	4	5	ug/L
86-73-7	Fluorene	50.2		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	47.4		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	57.5		0.89	4	5	ug/L
103-33-3	Azobenzene	53.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	56.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	52.9		1.1	4	5	ug/L
1912-24-9	Atrazine	73.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BSD	SDG No.:	BF092624
Lab Sample ID:	PB163677BSD	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
BF139551.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	96.7	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	55		0.89	4	5	ug/L
120-12-7	Anthracene	57.7		1.1	4	5	ug/L
86-74-8	Carbazole	51.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	47.7		1.3	4	5	ug/L
92-87-5	Benzidine	120	E	4.1	8	10	ug/L
129-00-0	Pyrene	56.4		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	56.6		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	47		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	56		0.94	4	5	ug/L
218-01-9	Chrysene	58.1		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	63		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	47.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	58.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	52.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.6		1.1	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53		0.79	4	5	ug/L
123-91-1	1,4-Dioxane	45.5		1.3	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	99.697		60-140		100	SPK: -100
13127-88-3	Phenol-d6	97.472		60-140		97	SPK: -100
4165-60-0	Nitrobenzene-d5	94.477		60-140		94	SPK: -100
321-60-8	2-Fluorobiphenyl	93.875		60-140		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	91.674		60-140		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BSD	SDG No.:	BF092624
Lab Sample ID:	PB163677BSD	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
BF139551.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	104.171		60-140		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72760	6.881				
1146-65-2	Naphthalene-d8	272741	8.157				
15067-26-2	Acenaphthene-d10	145233	9.916				
1517-22-2	Phenanthrene-d10	254802	11.404				
1719-03-5	Chrysene-d12	129364	14.039				
1520-96-3	Perylene-d12	149417	15.51				
	1-Methylnaphthalene	49.2					

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BL	SDG No.:	BF092624
Lab Sample ID:	PB163677BL	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
BF139552.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BL	SDG No.:	BF092624
Lab Sample ID:	PB163677BL	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
BF139552.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BL	SDG No.:	BF092624
Lab Sample ID:	PB163677BL	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
BF139552.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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	97.67		60-140		98	SPK: -100
13127-88-3	Phenol-d6	98.857		60-140		99	SPK: -100
4165-60-0	Nitrobenzene-d5	95.403		60-140		95	SPK: -100
321-60-8	2-Fluorobiphenyl	92.464		60-140		92	SPK: -100
118-79-6	2,4,6-Tribromophenol	85.764		60-140		86	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	PB163677BL	SDG No.:	BF092624
Lab Sample ID:	PB163677BL	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
BF139552.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	101.229		60-140		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75782	6.875				
1146-65-2	Naphthalene-d8	282535	8.157				
15067-26-2	Acenaphthene-d10	155940	9.91				
1517-22-2	Phenanthrene-d10	296134	11.398				
1719-03-5	Chrysene-d12	186522	14.033				
1520-96-3	Perylene-d12	150030	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	12.6	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	17.2	A			5.098	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-01	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
BF139553.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-01	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
BF139553.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-01	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
BF139553.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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	50.075	*	60-140		50	SPK: -100
13127-88-3	Phenol-d6	39.487	*	60-140		39	SPK: -100
4165-60-0	Nitrobenzene-d5	96.323		60-140		96	SPK: -100
321-60-8	2-Fluorobiphenyl	83.364		60-140		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	91.008		60-140		91	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-01	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
BF139553.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	110.479		60-140		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68783	6.875				
1146-65-2	Naphthalene-d8	258808	8.157				
15067-26-2	Acenaphthene-d10	143953	9.91				
1517-22-2	Phenanthrene-d10	261366	11.398				
1719-03-5	Chrysene-d12	137367	14.033				
1520-96-3	Perylene-d12	128950	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.163	
000057-10-3	n-Hexadecanoic acid	7.3	J			11.922	
007225-64-1	Heptadecane, 9-octyl-	5.3	J			12.386	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	860	J			12.916	
000646-31-1	Tetracosane	10.7	J			13.957	
000630-01-3	Hexacosane	11.1	J			14.498	
000630-04-6	Hentriacontane	10.3	J			15.015	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-02	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
BF139554.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-02	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
BF139554.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-02	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
BF139554.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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	45.724	*	60-140		46	SPK: -100
13127-88-3	Phenol-d6	36.525	*	60-140		37	SPK: -100
4165-60-0	Nitrobenzene-d5	87.794		60-140		88	SPK: -100
321-60-8	2-Fluorobiphenyl	74.232		60-140		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	84.485		60-140		84	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-02	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
BF139554.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	110.28		60-140		110	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71167	6.875				
1146-65-2	Naphthalene-d8	267168	8.157				
15067-26-2	Acenaphthene-d10	146975	9.91				
1517-22-2	Phenanthrene-d10	268928	11.398				
1719-03-5	Chrysene-d12	137114	14.033				
1520-96-3	Perylene-d12	138036	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	180	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.6	A			5.081	
000119-61-9	Benzophenone	3.1	J			10.622	
000057-10-3	n-Hexadecanoic acid	6.8	J			11.922	
000057-11-4	Octadecanoic acid	2.5	J			12.704	
	unknown14.657	3.6	J			14.657	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-03	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
BF139555.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-03	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
BF139555.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-03	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
BF139555.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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	47.964	*	60-140		48	SPK: -100
13127-88-3	Phenol-d6	38.506	*	60-140		39	SPK: -100
4165-60-0	Nitrobenzene-d5	90.003		60-140		90	SPK: -100
321-60-8	2-Fluorobiphenyl	72.798		60-140		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	83.263		60-140		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS2	SDG No.:	BF092624
Lab Sample ID:	P4176-03	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
BF139555.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	111.235		60-140		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67959	6.875				
1146-65-2	Naphthalene-d8	251539	8.157				
15067-26-2	Acenaphthene-d10	137339	9.91				
1517-22-2	Phenanthrene-d10	251077	11.398				
1719-03-5	Chrysene-d12	143442	14.033				
1520-96-3	Perylene-d12	132423	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	190	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.7	A			5.081	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-04	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	990	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
BF139556.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	4	5.1	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	1	U	1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-04	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	990	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
BF139556.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	0.82	U	0.82	4	5.1	ug/L
Total PAH	Total PAH	17.61	U	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	0.97	U	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-04	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	990	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
BF139556.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	38.904	*	60-140		39	SPK: -100
13127-88-3	Phenol-d6	30.074	*	60-140		30	SPK: -100
4165-60-0	Nitrobenzene-d5	80.451		60-140		80	SPK: -100
321-60-8	2-Fluorobiphenyl	70.379		60-140		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	82.901		60-140		83	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-NC-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-04	Matrix:	Water
Analytical Method:	625.1	% Moisture:	100
Sample Wt/Vol:	990	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
BF139556.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	101.354		60-140		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65147	6.875				
1146-65-2	Naphthalene-d8	242859	8.157				
15067-26-2	Acenaphthene-d10	131484	9.91				
1517-22-2	Phenanthrene-d10	248563	11.398				
1719-03-5	Chrysene-d12	156570	14.033				
1520-96-3	Perylene-d12	133422	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.157	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.4	A			5.081	
000119-61-9	Benzophenone	3.6	J			10.621	
000057-10-3	n-Hexadecanoic acid	2.9	J			11.921	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-05	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
BF139557.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-05	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
BF139557.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-05	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
BF139557.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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	43.179	*	60-140		43	SPK: -100
13127-88-3	Phenol-d6	35.114	*	60-140		35	SPK: -100
4165-60-0	Nitrobenzene-d5	82.539		60-140		83	SPK: -100
321-60-8	2-Fluorobiphenyl	70.802		60-140		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	83.921		60-140		84	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-1C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-05	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
BF139557.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	108.72		60-140		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69863	6.875				
1146-65-2	Naphthalene-d8	259638	8.157				
15067-26-2	Acenaphthene-d10	140424	9.91				
1517-22-2	Phenanthrene-d10	265704	11.398				
1719-03-5	Chrysene-d12	148610	14.033				
1520-96-3	Perylene-d12	134445	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	170	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.8	A			5.081	
000119-61-9	Benzophenone	6.5	J			10.621	
000057-10-3	n-Hexadecanoic acid	3.2	J			11.922	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-06	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
BF139558.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-06	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
BF139558.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-06	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
BF139558.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

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	47.75	*	60-140		48	SPK: -100
13127-88-3	Phenol-d6	37.574	*	60-140		38	SPK: -100
4165-60-0	Nitrobenzene-d5	93.963		60-140		94	SPK: -100
321-60-8	2-Fluorobiphenyl	82.366		60-140		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	92.994		60-140		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	FB-2C-SYS1	SDG No.:	BF092624
Lab Sample ID:	P4176-06	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
BF139558.D	1	9/25/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163677

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	118.098		60-140		118	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61781	6.875				
1146-65-2	Naphthalene-d8	231827	8.157				
15067-26-2	Acenaphthene-d10	124772	9.91				
1517-22-2	Phenanthrene-d10	233417	11.398				
1719-03-5	Chrysene-d12	131782	14.033				
1520-96-3	Perylene-d12	124668	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.7	A			5.081	
000119-61-9	Benzophenone	2.1	J			10.621	
	1-Methylnaphthalene		U				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-T	SDG No.:	BF092624
Lab Sample ID:	P4190-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139559.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.4	U	55.4	170	210	ug/Kg
110-86-1	Pyridine	51	U	51	82.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.8	U	61.8	82.9	110	ug/Kg
108-95-2	Phenol	52.9	U	52.9	82.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.4	U	53.4	82.9	110	ug/Kg
95-57-8	2-Chlorophenol	53.3	U	53.3	82.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54	U	54	82.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.9	U	54.9	82.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.2	U	55.2	82.9	110	ug/Kg
100-51-6	Benzyl Alcohol	53	U	53	170	210	ug/Kg
95-48-7	2-Methylphenol	51.4	U	51.4	82.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	82.9	110	ug/Kg
98-86-2	Acetophenone	55.4	U	55.4	82.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.9	U	50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	53	U	53	82.9	110	ug/Kg
98-95-3	Nitrobenzene	57.9	U	57.9	82.9	110	ug/Kg
78-59-1	Isophorone	54	U	54	82.9	110	ug/Kg
88-75-5	2-Nitrophenol	60.3	U	60.3	82.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.5	U	59.5	82.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.7	U	54.7	82.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.2	U	48.2	82.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.5	U	54.5	82.9	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.7	U	52.7	82.9	110	ug/Kg
106-47-8	4-Chloroaniline	52.7	U	52.7	82.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	53.1	U	53.1	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-T	SDG No.:	BF092624
Lab Sample ID:	P4190-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139559.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.4	U	55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.4	U	49.4	82.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.6	U	52.6	82.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.5	U	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.6	U	45.6	82.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.2	U	47.2	82.9	110	ug/Kg
92-52-4	1,1-Biphenyl	55.8	U	55.8	82.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	53.1	U	53.1	82.9	110	ug/Kg
88-74-4	2-Nitroaniline	60.6	U	60.6	82.9	110	ug/Kg
131-11-3	Dimethylphthalate	52.1	U	52.1	82.9	110	ug/Kg
208-96-8	Acenaphthylene	55.2	U	55.2	82.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53.1	U	53.1	82.9	110	ug/Kg
99-09-2	3-Nitroaniline	56.9	U	56.9	82.9	110	ug/Kg
83-32-9	Acenaphthene	51.7	U	51.7	82.9	110	ug/Kg
Total PAH	Total PAH	845.4	U	845.4	82.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	170	210	ug/Kg
132-64-9	Dibenzofuran	53.9	U	53.9	82.9	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	82.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	108.1	U	108.1	82.9	220	ug/Kg
84-66-2	Diethylphthalate	51.1	U	51.1	82.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.6	U	54.6	82.9	110	ug/Kg
86-73-7	Fluorene	54.6	U	54.6	82.9	110	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	82.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.7	U	74.7	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.1	U	52.1	82.9	110	ug/Kg
103-33-3	Azobenzene	50.8	U	50.8	82.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.3	U	50.3	82.9	110	ug/Kg
118-74-1	Hexachlorobenzene	54.2	U	54.2	82.9	110	ug/Kg
1912-24-9	Atrazine	58.3	U	58.3	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-T	SDG No.:	BF092624
Lab Sample ID:	P4190-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139559.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.3	U	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	53.6	U	53.6	82.9	110	ug/Kg
120-12-7	Anthracene	53.9	U	53.9	82.9	110	ug/Kg
86-74-8	Carbazole	51.2	U	51.2	82.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.8	U	53.8	82.9	110	ug/Kg
206-44-0	Fluoranthene	52.1	U	52.1	82.9	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	53	U	53	82.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.8	U	61.8	82.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.9	U	62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.5	U	51.5	82.9	110	ug/Kg
218-01-9	Chrysene	50.7	U	50.7	82.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	58.1	U	58.1	82.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70.2	U	70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.7	U	51.7	82.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.7	U	52.7	82.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.3	U	59.3	82.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.8	U	49.8	82.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.8	U	51.8	82.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51.1	U	51.1	82.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.4	U	55.4	82.9	110	ug/Kg
123-91-1	1,4-Dioxane	70.2	U	70.2	82.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.7	U	47.7	82.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	53.1	U	53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.423		18-112		60	SPK: -150
13127-88-3	Phenol-d6	93.202		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	59.439		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	60.75		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-T	SDG No.:	BF092624
Lab Sample ID:	P4190-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139559.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	78.661		10-116		52	SPK: -150
1718-51-0	Terphenyl-d14	73.163		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68787	6.875				
1146-65-2	Naphthalene-d8	256464	8.157				
15067-26-2	Acenaphthene-d10	140130	9.91				
1517-22-2	Phenanthrene-d10	256600	11.398				
1719-03-5	Chrysene-d12	134951	14.033				
1520-96-3	Perylene-d12	134706	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.157	
004254-15-3	(S)-(+)-1,2-Propanediol	60.6	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	120	A			5.087	
000770-35-4	1-Phenoxypropan-2-ol	51	J			8.469	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF092624
Lab Sample ID:	P4190-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139560.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	990		55.3	170	210	ug/Kg
110-86-1	Pyridine	1300		50.9	82.9	110	ug/Kg
100-52-7	Benzaldehyde	250		120	170	210	ug/Kg
62-53-3	Aniline	1400		61.8	82.9	110	ug/Kg
108-95-2	Phenol	1200		52.9	82.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		53.4	82.9	110	ug/Kg
95-57-8	2-Chlorophenol	1100		53.2	82.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		53.9	82.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		54.8	82.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		55.2	82.9	110	ug/Kg
100-51-6	Benzyl Alcohol	1100		52.9	170	210	ug/Kg
95-48-7	2-Methylphenol	1100		51.4	82.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		58	82.9	110	ug/Kg
98-86-2	Acetophenone	1000		55.4	82.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	1100		50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	1000		52.9	82.9	110	ug/Kg
98-95-3	Nitrobenzene	1000		57.9	82.9	110	ug/Kg
78-59-1	Isophorone	1200		53.9	82.9	110	ug/Kg
88-75-5	2-Nitrophenol	1200		60.3	82.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		59.4	82.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		54.7	82.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48.1	82.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		54.5	82.9	110	ug/Kg
65-85-0	Benzoic acid	970		150	170	210	ug/Kg
91-20-3	Naphthalene	1100		52.7	82.9	110	ug/Kg
106-47-8	4-Chloroaniline	680		52.7	82.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	960		53.1	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF092624
Lab Sample ID:	P4190-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139560.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1300		55.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49.4	82.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	1100		52.6	82.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	E	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.5	82.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		47.2	82.9	110	ug/Kg
92-52-4	1,1-Biphenyl	1100		55.7	82.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	1100		53.1	82.9	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.6	82.9	110	ug/Kg
131-11-3	Dimethylphthalate	1100		52.1	82.9	110	ug/Kg
208-96-8	Acenaphthylene	1200		55.2	82.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		53.1	82.9	110	ug/Kg
99-09-2	3-Nitroaniline	970		56.9	82.9	110	ug/Kg
83-32-9	Acenaphthene	1200		51.7	82.9	110	ug/Kg
Total PAH	Total PAH	18760		845.1	82.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	2300	E	74	170	210	ug/Kg
132-64-9	Dibenzofuran	1100		53.8	82.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		108.1	82.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		55	82.9	110	ug/Kg
84-66-2	Diethylphthalate	1100		51.1	82.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		54.6	82.9	110	ug/Kg
86-73-7	Fluorene	1100		54.5	82.9	110	ug/Kg
100-01-6	4-Nitroaniline	1200		68.2	82.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		74.6	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		52	82.9	110	ug/Kg
103-33-3	Azobenzene	1100		50.8	82.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		50.3	82.9	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		54.2	82.9	110	ug/Kg
1912-24-9	Atrazine	1500		58.3	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF092624
Lab Sample ID:	P4190-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139560.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	1200		53.6	82.9	110	ug/Kg
120-12-7	Anthracene	1200		53.8	82.9	110	ug/Kg
86-74-8	Carbazole	1200		51.2	82.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	1200		53.8	82.9	110	ug/Kg
206-44-0	Fluoranthene	1200		52.1	82.9	110	ug/Kg
92-87-5	Benzidine	2700	E	100	170	210	ug/Kg
129-00-0	Pyrene	1300		52.9	82.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1300		61.7	82.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	960		62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1200		51.5	82.9	110	ug/Kg
218-01-9	Chrysene	1200		50.7	82.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		58	82.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		70.1	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		51.7	82.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	960		52.7	82.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		59.3	82.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		49.8	82.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		51.8	82.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		51.1	82.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		55.3	82.9	110	ug/Kg
123-91-1	1,4-Dioxane	1100		70.1	82.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		47.6	82.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	1100		53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.887		18-112		54	SPK: -150
13127-88-3	Phenol-d6	84.208		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	54.231		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	54.261		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMS	SDG No.:	BF092624
Lab Sample ID:	P4190-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139560.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.365		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	66.465		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68701	6.875				
1146-65-2	Naphthalene-d8	254478	8.157				
15067-26-2	Acenaphthene-d10	143007	9.916				
1517-22-2	Phenanthrene-d10	283022	11.398				
1719-03-5	Chrysene-d12	153496	14.039				
1520-96-3	Perylene-d12	158260	15.509				

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF092624
Lab Sample ID:	P4190-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139561.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		55.4	170	210	ug/Kg
110-86-1	Pyridine	1400		51	82.9	110	ug/Kg
100-52-7	Benzaldehyde	280		120	170	210	ug/Kg
62-53-3	Aniline	1600		61.8	82.9	110	ug/Kg
108-95-2	Phenol	1300		52.9	82.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1200		53.4	82.9	110	ug/Kg
95-57-8	2-Chlorophenol	1300		53.3	82.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200		54	82.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1200		54.9	82.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200		55.2	82.9	110	ug/Kg
100-51-6	Benzyl Alcohol	1200		52.9	170	210	ug/Kg
95-48-7	2-Methylphenol	1300		51.4	82.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		58	82.9	110	ug/Kg
98-86-2	Acetophenone	1100		55.4	82.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	1200		50.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		25.7	51	51	ug/Kg
67-72-1	Hexachloroethane	1100		52.9	82.9	110	ug/Kg
98-95-3	Nitrobenzene	1100		57.9	82.9	110	ug/Kg
78-59-1	Isophorone	1300		54	82.9	110	ug/Kg
88-75-5	2-Nitrophenol	1300		60.3	82.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		59.5	82.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1300		54.7	82.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		48.2	82.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		54.5	82.9	110	ug/Kg
65-85-0	Benzoic acid	1000		150	170	210	ug/Kg
91-20-3	Naphthalene	1200		52.7	82.9	110	ug/Kg
106-47-8	4-Chloroaniline	800		52.7	82.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	1000		53.1	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF092624
Lab Sample ID:	P4190-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.03 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
BF139561.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		55.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		49.4	82.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	1200		52.6	82.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	99.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		45.5	82.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		47.2	82.9	110	ug/Kg
92-52-4	1,1-Biphenyl	1200		55.8	82.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	1200		53.1	82.9	110	ug/Kg
88-74-4	2-Nitroaniline	1300		60.6	82.9	110	ug/Kg
131-11-3	Dimethylphthalate	1300		52.1	82.9	110	ug/Kg
208-96-8	Acenaphthylene	1400		55.2	82.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		53.1	82.9	110	ug/Kg
99-09-2	3-Nitroaniline	1100		56.9	82.9	110	ug/Kg
83-32-9	Acenaphthene	1400		51.7	82.9	110	ug/Kg
Total PAH	Total PAH	21100		845.1	82.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	160	170	210	ug/Kg
100-02-7	4-Nitrophenol	2600	E	74	170	210	ug/Kg
132-64-9	Dibenzofuran	1300		53.8	82.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2600		108.1	82.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		55	82.9	110	ug/Kg
84-66-2	Diethylphthalate	1200		51.1	82.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		54.6	82.9	110	ug/Kg
86-73-7	Fluorene	1200		54.5	82.9	110	ug/Kg
100-01-6	4-Nitroaniline	1300		68.3	82.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		74.6	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		52.1	82.9	110	ug/Kg
103-33-3	Azobenzene	1300		50.8	82.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		50.3	82.9	110	ug/Kg
118-74-1	Hexachlorobenzene	1200		54.2	82.9	110	ug/Kg
1912-24-9	Atrazine	1700		58.3	82.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF092624
Lab Sample ID:	P4190-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.03 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
BF139561.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2200	E	49.3	170	210	ug/Kg
85-01-8	Phenanthrene	1300		53.6	82.9	110	ug/Kg
120-12-7	Anthracene	1300		53.8	82.9	110	ug/Kg
86-74-8	Carbazole	1300		51.2	82.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	1300		53.8	82.9	110	ug/Kg
206-44-0	Fluoranthene	1300		52.1	82.9	110	ug/Kg
92-87-5	Benzidine	3200	E	100	170	210	ug/Kg
129-00-0	Pyrene	1500		52.9	82.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	1400		61.8	82.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		62.9	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1300		51.5	82.9	110	ug/Kg
218-01-9	Chrysene	1300		50.7	82.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		58.1	82.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		70.2	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		51.7	82.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52.7	82.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		59.3	82.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		49.8	82.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		51.8	82.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		51.1	82.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		55.4	82.9	110	ug/Kg
123-91-1	1,4-Dioxane	1200		70.2	82.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		47.7	82.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	1200		53.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.371		18-112		60	SPK: -150
13127-88-3	Phenol-d6	94.32		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	59.603		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	61.314		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-TMSD	SDG No.:	BF092624
Lab Sample ID:	P4190-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.03 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
BF139561.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.846		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	75.403		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63565	6.875				
1146-65-2	Naphthalene-d8	235838	8.157				
15067-26-2	Acenaphthene-d10	128778	9.916				
1517-22-2	Phenanthrene-d10	255931	11.398				
1719-03-5	Chrysene-d12	131459	14.039				
1520-96-3	Perylene-d12	139714	15.51				

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP2-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139562.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.8	U	60.8	190	230	ug/Kg
110-86-1	Pyridine	56	U	56	91.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	67.9	U	67.9	91.1	120	ug/Kg
108-95-2	Phenol	58.1	U	58.1	91.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.6	U	58.6	91.1	120	ug/Kg
95-57-8	2-Chlorophenol	58.5	U	58.5	91.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.3	U	59.3	91.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.2	U	60.2	91.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.6	U	60.6	91.1	120	ug/Kg
100-51-6	Benzyl Alcohol	58.1	U	58.1	190	230	ug/Kg
95-48-7	2-Methylphenol	56.5	U	56.5	91.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.7	U	63.7	91.1	120	ug/Kg
98-86-2	Acetophenone	60.9	U	60.9	91.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.9	U	55.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.2	U	28.2	56	56	ug/Kg
67-72-1	Hexachloroethane	58.1	U	58.1	91.1	120	ug/Kg
98-95-3	Nitrobenzene	63.6	U	63.6	91.1	120	ug/Kg
78-59-1	Isophorone	59.3	U	59.3	91.1	120	ug/Kg
88-75-5	2-Nitrophenol	66.2	U	66.2	91.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.3	U	65.3	91.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.1	U	60.1	91.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.9	U	52.9	91.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	59.8	U	59.8	91.1	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	57.9	U	57.9	91.1	120	ug/Kg
106-47-8	4-Chloroaniline	57.9	U	57.9	91.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.4	U	58.4	91.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP2-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139562.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	60.8	U	60.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.3	U	54.3	91.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.8	U	57.8	91.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	91.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.8	U	51.8	91.1	120	ug/Kg
92-52-4	1,1-Biphenyl	61.2	U	61.2	91.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.4	U	58.4	91.1	120	ug/Kg
88-74-4	2-Nitroaniline	66.5	U	66.5	91.1	120	ug/Kg
131-11-3	Dimethylphthalate	57.2	U	57.2	91.1	120	ug/Kg
208-96-8	Acenaphthylene	60.6	U	60.6	91.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.3	U	58.3	91.1	120	ug/Kg
99-09-2	3-Nitroaniline	62.5	U	62.5	91.1	120	ug/Kg
83-32-9	Acenaphthene	56.8	U	56.8	91.1	120	ug/Kg
Total PAH	Total PAH	928.1	U	928.1	91.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.3	U	81.3	190	230	ug/Kg
132-64-9	Dibenzofuran	59.1	U	59.1	91.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.7	U	118.7	91.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.4	U	60.4	91.1	120	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	91.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	91.1	120	ug/Kg
86-73-7	Fluorene	59.9	U	59.9	91.1	120	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	91.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.2	U	57.2	91.1	120	ug/Kg
103-33-3	Azobenzene	55.8	U	55.8	91.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.3	U	55.3	91.1	120	ug/Kg
118-74-1	Hexachlorobenzene	59.5	U	59.5	91.1	120	ug/Kg
1912-24-9	Atrazine	64	U	64	91.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP2-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139562.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.1	U	54.1	190	230	ug/Kg
85-01-8	Phenanthrene	58.8	U	58.8	91.1	120	ug/Kg
120-12-7	Anthracene	59.1	U	59.1	91.1	120	ug/Kg
86-74-8	Carbazole	56.3	U	56.3	91.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.1	U	59.1	91.1	120	ug/Kg
206-44-0	Fluoranthene	57.2	U	57.2	91.1	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.1	U	58.1	91.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	67.8	U	67.8	91.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.1	U	69.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.5	U	56.5	91.1	120	ug/Kg
218-01-9	Chrysene	55.7	U	55.7	91.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	91.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.1	U	77.1	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56.8	U	56.8	91.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.9	U	57.9	91.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.1	U	65.1	91.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.7	U	54.7	91.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56.9	U	56.9	91.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.1	U	56.1	91.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.8	U	60.8	91.1	120	ug/Kg
123-91-1	1,4-Dioxane	77.1	U	77.1	91.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.3	U	52.3	91.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.3	U	58.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.331		18-112		60	SPK: -150
13127-88-3	Phenol-d6	92.477		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	60.489		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	59.517		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP2-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.4
Sample Wt/Vol:	50.03 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
BF139562.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.426		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	65.412		10-105		65	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65854	6.875				
1146-65-2	Naphthalene-d8	240639	8.157				
15067-26-2	Acenaphthene-d10	130658	9.91				
1517-22-2	Phenanthrene-d10	237670	11.398				
1719-03-5	Chrysene-d12	142564	14.033				
1520-96-3	Perylene-d12	141536	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			2.158	
	unknown3.375	98.8	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.087	
000770-35-4	1-Phenoxypropan-2-ol	57.2	J			8.469	
	unknown9.822	53.2	J			9.822	
	unknown10.316	77.1	J			10.316	

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP1-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139563.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.3	U	62.3	190	240	ug/Kg
110-86-1	Pyridine	57.4	U	57.4	93.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.6	U	69.6	93.4	120	ug/Kg
108-95-2	Phenol	59.5	U	59.5	93.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.1	U	60.1	93.4	120	ug/Kg
95-57-8	2-Chlorophenol	60	U	60	93.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.8	U	60.8	93.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.8	U	61.8	93.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62.1	U	62.1	93.4	120	ug/Kg
100-51-6	Benzyl Alcohol	59.6	U	59.6	190	240	ug/Kg
95-48-7	2-Methylphenol	57.9	U	57.9	93.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.3	U	65.3	93.4	120	ug/Kg
98-86-2	Acetophenone	62.4	U	62.4	93.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.3	U	57.3	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.9	U	28.9	57.5	57.5	ug/Kg
67-72-1	Hexachloroethane	59.6	U	59.6	93.4	120	ug/Kg
98-95-3	Nitrobenzene	65.2	U	65.2	93.4	120	ug/Kg
78-59-1	Isophorone	60.8	U	60.8	93.4	120	ug/Kg
88-75-5	2-Nitrophenol	67.9	U	67.9	93.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.9	U	66.9	93.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.6	U	61.6	93.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.2	U	54.2	93.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.3	U	61.3	93.4	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	59.3	U	59.3	93.4	120	ug/Kg
106-47-8	4-Chloroaniline	59.3	U	59.3	93.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.8	U	59.8	93.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP1-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139563.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.3	U	62.3	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.7	U	55.7	93.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	59.3	U	59.3	93.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.3	U	51.3	93.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.2	U	53.2	93.4	120	ug/Kg
92-52-4	1,1-Biphenyl	62.8	U	62.8	93.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.8	U	59.8	93.4	120	ug/Kg
88-74-4	2-Nitroaniline	68.2	U	68.2	93.4	120	ug/Kg
131-11-3	Dimethylphthalate	58.7	U	58.7	93.4	120	ug/Kg
208-96-8	Acenaphthylene	62.1	U	62.1	93.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.8	U	59.8	93.4	120	ug/Kg
99-09-2	3-Nitroaniline	64.1	U	64.1	93.4	120	ug/Kg
83-32-9	Acenaphthene	58.3	U	58.3	93.4	120	ug/Kg
Total PAH	Total PAH	951.7	U	951.7	93.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	83.3	U	83.3	190	240	ug/Kg
132-64-9	Dibenzofuran	60.6	U	60.6	93.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	121.7	U	121.7	93.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.9	U	61.9	93.4	120	ug/Kg
84-66-2	Diethylphthalate	57.5	U	57.5	93.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.5	U	61.5	93.4	120	ug/Kg
86-73-7	Fluorene	61.4	U	61.4	93.4	120	ug/Kg
100-01-6	4-Nitroaniline	76.9	U	76.9	93.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.6	U	58.6	93.4	120	ug/Kg
103-33-3	Azobenzene	57.2	U	57.2	93.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.7	U	56.7	93.4	120	ug/Kg
118-74-1	Hexachlorobenzene	61.1	U	61.1	93.4	120	ug/Kg
1912-24-9	Atrazine	65.7	U	65.7	93.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP1-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139563.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.5	U	55.5	190	240	ug/Kg
85-01-8	Phenanthrene	60.3	U	60.3	93.4	120	ug/Kg
120-12-7	Anthracene	60.6	U	60.6	93.4	120	ug/Kg
86-74-8	Carbazole	57.7	U	57.7	93.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.6	U	60.6	93.4	120	ug/Kg
206-44-0	Fluoranthene	58.7	U	58.7	93.4	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	59.6	U	59.6	93.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.5	U	69.5	93.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.8	U	70.8	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	58	U	58	93.4	120	ug/Kg
218-01-9	Chrysene	57.1	U	57.1	93.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.4	U	65.4	93.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	79	U	79	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	58.3	U	58.3	93.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.3	U	59.3	93.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	66.8	U	66.8	93.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56.1	U	56.1	93.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.3	U	58.3	93.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57.5	U	57.5	93.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.3	U	62.3	93.4	120	ug/Kg
123-91-1	1,4-Dioxane	79	U	79	93.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.7	U	53.7	93.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.8	U	59.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.637		18-112		68	SPK: -150
13127-88-3	Phenol-d6	102.849		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	69.509		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	70.778		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	TP1-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139563.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.573		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	71.923		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66213	6.875				
1146-65-2	Naphthalene-d8	239252	8.157				
15067-26-2	Acenaphthene-d10	123896	9.916				
1517-22-2	Phenanthrene-d10	211255	11.404				
1719-03-5	Chrysene-d12	118239	14.033				
1520-96-3	Perylene-d12	143587	15.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2700	J			2.158	
004254-15-3	(S)-(+)-1,2-Propanediol	95.1	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.087	
016021-08-2	2(1H)-Naphthalenone, octahydro-, t	48.8	J			7.798	
002294-72-6	5-Undecyne	59.6	J			8.057	
024139-37-5	1,3,6-Trimethyladamantane	160	J			8.616	
004917-90-2	Benzene, 1-methoxy-4-(1-methylprop	97.7	J			8.704	
	unknown8.781	85.5	J			8.781	
	unknown8.898	66.1	J			8.898	
	unknown9.039	86.9	J			9.039	
313253-65-5	2-Pentanone, 4-cyclohexylidene-3,3	180	J			9.31	
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	290	J			9.622	
	unknown9.781	340	J			9.781	
	unknown9.822	470	J			9.822	
	unknown9.863	96.7	J			9.863	
055253-28-6	photocitral A	320	J			10.322	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP1-5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139564.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.8	U	62.8	200	240	ug/Kg
110-86-1	Pyridine	57.8	U	57.8	94.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	70.1	U	70.1	94.1	120	ug/Kg
108-95-2	Phenol	60	U	60	94.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.6	U	60.6	94.1	120	ug/Kg
95-57-8	2-Chlorophenol	60.4	U	60.4	94.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	61.2	U	61.2	94.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	62.2	U	62.2	94.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	62.6	U	62.6	94.1	120	ug/Kg
100-51-6	Benzyl Alcohol	60.1	U	60.1	200	240	ug/Kg
95-48-7	2-Methylphenol	58.3	U	58.3	94.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65.8	U	65.8	94.1	120	ug/Kg
98-86-2	Acetophenone	62.9	U	62.9	94.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.7	U	57.7	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.2	U	29.2	57.9	57.9	ug/Kg
67-72-1	Hexachloroethane	60.1	U	60.1	94.1	120	ug/Kg
98-95-3	Nitrobenzene	65.7	U	65.7	94.1	120	ug/Kg
78-59-1	Isophorone	61.2	U	61.2	94.1	120	ug/Kg
88-75-5	2-Nitrophenol	68.4	U	68.4	94.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.4	U	67.4	94.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62.1	U	62.1	94.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54.6	U	54.6	94.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.8	U	61.8	94.1	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	59.8	U	59.8	94.1	120	ug/Kg
106-47-8	4-Chloroaniline	59.8	U	59.8	94.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	60.3	U	60.3	94.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP1-5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139564.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.8	U	62.8	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.1	U	56.1	94.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	59.7	U	59.7	94.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.7	U	51.7	94.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53.5	U	53.5	94.1	120	ug/Kg
92-52-4	1,1-Biphenyl	63.2	U	63.2	94.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	60.3	U	60.3	94.1	120	ug/Kg
88-74-4	2-Nitroaniline	68.7	U	68.7	94.1	120	ug/Kg
131-11-3	Dimethylphthalate	59.1	U	59.1	94.1	120	ug/Kg
208-96-8	Acenaphthylene	62.6	U	62.6	94.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.2	U	60.2	94.1	120	ug/Kg
99-09-2	3-Nitroaniline	64.5	U	64.5	94.1	120	ug/Kg
83-32-9	Acenaphthene	58.7	U	58.7	94.1	120	ug/Kg
Total PAH	Total PAH	959.1	U	959.1	94.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	83.9	U	83.9	200	240	ug/Kg
132-64-9	Dibenzofuran	61.1	U	61.1	94.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	122.6	U	122.6	94.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62.4	U	62.4	94.1	120	ug/Kg
84-66-2	Diethylphthalate	58	U	58	94.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.9	U	61.9	94.1	120	ug/Kg
86-73-7	Fluorene	61.9	U	61.9	94.1	120	ug/Kg
100-01-6	4-Nitroaniline	77.4	U	77.4	94.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84.7	U	84.7	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59	U	59	94.1	120	ug/Kg
103-33-3	Azobenzene	57.6	U	57.6	94.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.1	U	57.1	94.1	120	ug/Kg
118-74-1	Hexachlorobenzene	61.5	U	61.5	94.1	120	ug/Kg
1912-24-9	Atrazine	66.1	U	66.1	94.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP1-5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139564.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.9	U	55.9	200	240	ug/Kg
85-01-8	Phenanthrene	60.8	U	60.8	94.1	120	ug/Kg
120-12-7	Anthracene	61.1	U	61.1	94.1	120	ug/Kg
86-74-8	Carbazole	58.1	U	58.1	94.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	94.1	120	ug/Kg
206-44-0	Fluoranthene	59.1	U	59.1	94.1	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	60.1	U	60.1	94.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	70	U	70	94.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71.3	U	71.3	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	58.4	U	58.4	94.1	120	ug/Kg
218-01-9	Chrysene	57.5	U	57.5	94.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.8	U	65.8	94.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	79.6	U	79.6	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	58.7	U	58.7	94.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.8	U	59.8	94.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	67.3	U	67.3	94.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56.5	U	56.5	94.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.8	U	58.8	94.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	58	94.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.8	U	62.8	94.1	120	ug/Kg
123-91-1	1,4-Dioxane	79.6	U	79.6	94.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.1	U	54.1	94.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	60.2	U	60.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.24		18-112		55	SPK: -150
13127-88-3	Phenol-d6	87.405		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	53.115		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	53.705		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP1-5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	17.2
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139564.D	1	9/26/2024 12:00:00 AM	9/26/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.549		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	60.825		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69142	6.875				
1146-65-2	Naphthalene-d8	254099	8.157				
15067-26-2	Acenaphthene-d10	136720	9.91				
1517-22-2	Phenanthrene-d10	253077	11.398				
1719-03-5	Chrysene-d12	148456	14.033				
1520-96-3	Perylene-d12	153585	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.157	
004254-15-3	(S)-(+)-1,2-Propanediol	72.6	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.087	
000770-35-4	1-Phenoxypropan-2-ol	55.2	J			8.469	
000057-10-3	n-Hexadecanoic acid	56.4	J			11.922	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP3-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139565.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61	U	61	190	230	ug/Kg
110-86-1	Pyridine	56.1	U	56.1	91.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.1	U	68.1	91.3	120	ug/Kg
108-95-2	Phenol	58.2	U	58.2	91.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.8	U	58.8	91.3	120	ug/Kg
95-57-8	2-Chlorophenol	58.6	U	58.6	91.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.4	U	59.4	91.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.4	U	60.4	91.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.7	U	60.7	91.3	120	ug/Kg
100-51-6	Benzyl Alcohol	58.3	U	58.3	190	230	ug/Kg
95-48-7	2-Methylphenol	56.6	U	56.6	91.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	63.8	U	63.8	91.3	120	ug/Kg
98-86-2	Acetophenone	61	U	61	91.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	56	U	56	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.3	U	28.3	56.2	56.2	ug/Kg
67-72-1	Hexachloroethane	58.3	U	58.3	91.3	120	ug/Kg
98-95-3	Nitrobenzene	63.8	U	63.8	91.3	120	ug/Kg
78-59-1	Isophorone	59.4	U	59.4	91.3	120	ug/Kg
88-75-5	2-Nitrophenol	66.4	U	66.4	91.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.5	U	65.5	91.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.3	U	60.3	91.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	91.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60	U	60	91.3	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58	U	58	91.3	120	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	91.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.5	U	58.5	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP3-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139565.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61	U	61	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.4	U	54.4	91.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	57.9	U	57.9	91.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.1	U	50.1	91.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	91.3	120	ug/Kg
92-52-4	1,1-Biphenyl	61.4	U	61.4	91.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.5	U	58.5	91.3	120	ug/Kg
88-74-4	2-Nitroaniline	66.7	U	66.7	91.3	120	ug/Kg
131-11-3	Dimethylphthalate	57.4	U	57.4	91.3	120	ug/Kg
208-96-8	Acenaphthylene	60.7	U	60.7	91.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.4	U	58.4	91.3	120	ug/Kg
99-09-2	3-Nitroaniline	62.6	U	62.6	91.3	120	ug/Kg
83-32-9	Acenaphthene	57	U	57	91.3	120	ug/Kg
Total PAH	Total PAH	930.6	U	930.6	91.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.5	U	81.5	190	230	ug/Kg
132-64-9	Dibenzofuran	59.3	U	59.3	91.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.5	U	60.5	91.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	18.9	U	118.9	91.3	240	ug/Kg
84-66-2	Diethylphthalate	56.3	U	56.3	91.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.1	U	60.1	91.3	120	ug/Kg
86-73-7	Fluorene	60	U	60	91.3	120	ug/Kg
100-01-6	4-Nitroaniline	75.1	U	75.1	91.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.2	U	82.2	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.3	U	57.3	91.3	120	ug/Kg
103-33-3	Azobenzene	55.9	U	55.9	91.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.4	U	55.4	91.3	120	ug/Kg
118-74-1	Hexachlorobenzene	59.7	U	59.7	91.3	120	ug/Kg
1912-24-9	Atrazine	64.2	U	64.2	91.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP3-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139565.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.3	U	54.3	190	230	ug/Kg
85-01-8	Phenanthrene	59	U	59	91.3	120	ug/Kg
120-12-7	Anthracene	59.3	U	59.3	91.3	120	ug/Kg
86-74-8	Carbazole	56.4	U	56.4	91.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.2	U	59.2	91.3	120	ug/Kg
206-44-0	Fluoranthene	57.4	U	57.4	91.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	58.3	U	58.3	91.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	68	U	68	91.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.2	U	69.2	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	56.7	U	56.7	91.3	120	ug/Kg
218-01-9	Chrysene	55.8	U	55.8	91.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.9	U	63.9	91.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.3	U	77.3	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	91.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	91.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	65.3	U	65.3	91.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54.8	U	54.8	91.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	91.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56.3	U	56.3	91.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	91.3	120	ug/Kg
123-91-1	1,4-Dioxane	77.3	U	77.3	91.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.5	U	52.5	91.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.4	U	58.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.317		18-112		70	SPK: -150
13127-88-3	Phenol-d6	108.572		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	64.841		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	61.112		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP3-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.6
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139565.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.394		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	73.925		10-105		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64785	6.875				
1146-65-2	Naphthalene-d8	245186	8.157				
15067-26-2	Acenaphthene-d10	132162	9.91				
1517-22-2	Phenanthrene-d10	244873	11.398				
1719-03-5	Chrysene-d12	144217	14.033				
1520-96-3	Perylene-d12	139394	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3300	J			2.175	
	unknown3.387	89.2	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	64.6	J			8.469	
	unknown10.004	46.8	J			10.004	
000057-10-3	n-Hexadecanoic acid	73.5	J			11.922	
005333-42-6	1-Dodecanol, 2-octyl-	53.8	J			13.88	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-26	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	50.01	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
BF139566.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	65.7	U	65.7	200	250	ug/Kg
110-86-1	Pyridine	60.4	U	60.4	98.3	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	250	ug/Kg
62-53-3	Aniline	73.3	U	73.3	98.3	130	ug/Kg
108-95-2	Phenol	62.7	U	62.7	98.3	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	63.3	U	63.3	98.3	130	ug/Kg
95-57-8	2-Chlorophenol	63.2	U	63.2	98.3	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	64	U	64	98.3	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	65.1	U	65.1	98.3	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	65.4	U	65.4	98.3	130	ug/Kg
100-51-6	Benzyl Alcohol	62.8	U	62.8	200	250	ug/Kg
95-48-7	2-Methylphenol	61	U	61	98.3	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.8	U	68.8	98.3	130	ug/Kg
98-86-2	Acetophenone	65.7	U	65.7	98.3	130	ug/Kg
65794-96-9	3+4-Methylphenols	60.4	U	60.4	200	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30.5	U	30.5	60.5	60.5	ug/Kg
67-72-1	Hexachloroethane	62.8	U	62.8	98.3	130	ug/Kg
98-95-3	Nitrobenzene	68.7	U	68.7	98.3	130	ug/Kg
78-59-1	Isophorone	64	U	64	98.3	130	ug/Kg
88-75-5	2-Nitrophenol	71.5	U	71.5	98.3	130	ug/Kg
105-67-9	2,4-Dimethylphenol	70.5	U	70.5	98.3	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	64.9	U	64.9	98.3	130	ug/Kg
120-83-2	2,4-Dichlorophenol	57.1	U	57.1	98.3	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	64.6	U	64.6	98.3	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	200	250	ug/Kg
91-20-3	Naphthalene	62.5	U	62.5	98.3	130	ug/Kg
106-47-8	4-Chloroaniline	62.5	U	62.5	98.3	130	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	98.3	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-26	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	50.01 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
BF139566.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	65.7	U	65.7	200	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58.6	U	58.6	98.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	62.4	U	62.4	98.3	130	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	200	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	98.3	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	98.3	130	ug/Kg
92-52-4	1,1-Biphenyl	66.1	U	66.1	98.3	130	ug/Kg
91-58-7	2-Chloronaphthalene	63	U	63	98.3	130	ug/Kg
88-74-4	2-Nitroaniline	71.9	U	71.9	98.3	130	ug/Kg
131-11-3	Dimethylphthalate	61.8	U	61.8	98.3	130	ug/Kg
208-96-8	Acenaphthylene	65.4	U	65.4	98.3	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	62.9	U	62.9	98.3	130	ug/Kg
99-09-2	3-Nitroaniline	67.5	U	67.5	98.3	130	ug/Kg
83-32-9	Acenaphthene	61.3	U	61.3	98.3	130	ug/Kg
Total PAH	Total PAH	1002.2	U	1002.2	98.3	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	250	ug/Kg
100-02-7	4-Nitrophenol	87.8	U	87.8	200	250	ug/Kg
132-64-9	Dibenzofuran	63.8	U	63.8	98.3	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.2	U	65.2	98.3	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	128.1	U	128.1	98.3	260	ug/Kg
84-66-2	Diethylphthalate	60.6	U	60.6	98.3	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64.8	U	64.8	98.3	130	ug/Kg
86-73-7	Fluorene	64.7	U	64.7	98.3	130	ug/Kg
100-01-6	4-Nitroaniline	80.9	U	80.9	98.3	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88.5	U	88.5	200	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.7	U	61.7	98.3	130	ug/Kg
103-33-3	Azobenzene	60.2	U	60.2	98.3	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59.7	U	59.7	98.3	130	ug/Kg
118-74-1	Hexachlorobenzene	64.3	U	64.3	98.3	130	ug/Kg
1912-24-9	Atrazine	69.1	U	69.1	98.3	130	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-26	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	50.01 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
BF139566.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	58.5	U	58.5	200	250	ug/Kg
85-01-8	Phenanthrene	63.5	U	63.5	98.3	130	ug/Kg
120-12-7	Anthracene	63.8	U	63.8	98.3	130	ug/Kg
86-74-8	Carbazole	60.7	U	60.7	98.3	130	ug/Kg
84-74-2	Di-n-butylphthalate	63.8	U	63.8	98.3	130	ug/Kg
206-44-0	Fluoranthene	61.8	U	61.8	98.3	130	ug/Kg
92-87-5	Benzidine	120	U	120	200	250	ug/Kg
129-00-0	Pyrene	62.8	U	62.8	98.3	130	ug/Kg
85-68-7	Butylbenzylphthalate	73.2	U	73.2	98.3	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74.6	U	74.6	200	250	ug/Kg
56-55-3	Benzo(a)anthracene	61	U	61	98.3	130	ug/Kg
218-01-9	Chrysene	60.1	U	60.1	98.3	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	68.8	U	68.8	98.3	130	ug/Kg
117-84-0	Di-n-octyl phthalate	83.2	U	83.2	200	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	61.3	U	61.3	98.3	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	62.5	U	62.5	98.3	130	ug/Kg
50-32-8	Benzo(a)pyrene	70.4	U	70.4	98.3	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59.1	U	59.1	98.3	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61.4	U	61.4	98.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60.6	U	60.6	98.3	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65.7	U	65.7	98.3	130	ug/Kg
123-91-1	1,4-Dioxane	83.2	U	83.2	98.3	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.5	U	56.5	98.3	130	ug/Kg
90-12-0	1-Methylnaphthalene	62.9	U	62.9	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	145.803		18-112		97	SPK: -150
13127-88-3	Phenol-d6	149.154		15-107		99	SPK: -150
4165-60-0	Nitrobenzene-d5	93.727		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	87.411		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP5-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-26	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	20.7
Sample Wt/Vol:	50.01 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
BF139566.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.292		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	102.888		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47656	6.875				
1146-65-2	Naphthalene-d8	176434	8.157				
15067-26-2	Acenaphthene-d10	96030	9.91				
1517-22-2	Phenanthrene-d10	179508	11.398				
1719-03-5	Chrysene-d12	100370	14.033				
1520-96-3	Perylene-d12	102501	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	5000	J			2.169	
004254-15-3	(S)-(+)-1,2-Propanediol	160	J			3.381	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.093	
000770-35-4	1-Phenoxypropan-2-ol	100	J			8.469	
	unknown10.004	72.1	J			10.004	
000057-10-3	n-Hexadecanoic acid	69.8	J			11.916	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	78.2	J			13.886	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP4-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139567.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.1	U	55.1	170	210	ug/Kg
110-86-1	Pyridine	50.7	U	50.7	82.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.5	U	61.5	82.6	110	ug/Kg
108-95-2	Phenol	52.6	U	52.6	82.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.2	U	53.2	82.6	110	ug/Kg
95-57-8	2-Chlorophenol	53	U	53	82.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.7	U	53.7	82.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.6	U	54.6	82.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.9	U	54.9	82.6	110	ug/Kg
100-51-6	Benzyl Alcohol	52.7	U	52.7	170	210	ug/Kg
95-48-7	2-Methylphenol	51.2	U	51.2	82.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.7	U	57.7	82.6	110	ug/Kg
98-86-2	Acetophenone	55.2	U	55.2	82.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.7	U	50.7	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.6	U	25.6	50.8	50.8	ug/Kg
67-72-1	Hexachloroethane	52.7	U	52.7	82.6	110	ug/Kg
98-95-3	Nitrobenzene	57.7	U	57.7	82.6	110	ug/Kg
78-59-1	Isophorone	53.7	U	53.7	82.6	110	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.2	U	59.2	82.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.5	U	54.5	82.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.9	U	47.9	82.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.2	U	54.2	82.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.5	U	52.5	82.6	110	ug/Kg
106-47-8	4-Chloroaniline	52.5	U	52.5	82.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.9	U	52.9	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP4-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139567.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55.1	U	55.1	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.2	U	49.2	82.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.4	U	52.4	82.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99.1	U	99.1	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.3	U	45.3	82.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	82.6	110	ug/Kg
92-52-4	1,1-Biphenyl	55.5	U	55.5	82.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.9	U	52.9	82.6	110	ug/Kg
88-74-4	2-Nitroaniline	60.3	U	60.3	82.6	110	ug/Kg
131-11-3	Dimethylphthalate	51.9	U	51.9	82.6	110	ug/Kg
208-96-8	Acenaphthylene	54.9	U	54.9	82.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.8	U	52.8	82.6	110	ug/Kg
99-09-2	3-Nitroaniline	56.6	U	56.6	82.6	110	ug/Kg
83-32-9	Acenaphthene	51.5	U	51.5	82.6	110	ug/Kg
Total PAH	Total PAH	841.7	U	841.7	82.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.7	U	73.7	170	210	ug/Kg
132-64-9	Dibenzofuran	53.6	U	53.6	82.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.7	U	54.7	82.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.5	U	107.5	82.6	220	ug/Kg
84-66-2	Diethylphthalate	50.9	U	50.9	82.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.4	U	54.4	82.6	110	ug/Kg
86-73-7	Fluorene	54.3	U	54.3	82.6	110	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	82.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.3	U	74.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.8	U	51.8	82.6	110	ug/Kg
103-33-3	Azobenzene	50.6	U	50.6	82.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.1	U	50.1	82.6	110	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.6	110	ug/Kg
1912-24-9	Atrazine	58	U	58	82.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP4-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139567.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	49.1	U	49.1	170	210	ug/Kg
85-01-8	Phenanthrene	53.3	U	53.3	82.6	110	ug/Kg
120-12-7	Anthracene	53.6	U	53.6	82.6	110	ug/Kg
86-74-8	Carbazole	51	U	51	82.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.5	U	53.5	82.6	110	ug/Kg
206-44-0	Fluoranthene	51.9	U	51.9	82.6	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52.7	U	52.7	82.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.5	U	61.5	82.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.6	U	62.6	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.3	U	51.3	82.6	110	ug/Kg
218-01-9	Chrysene	50.5	U	50.5	82.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.8	U	57.8	82.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.9	U	69.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	51.5	U	51.5	82.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.5	U	52.5	82.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.1	U	59.1	82.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.6	U	49.6	82.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.6	U	51.6	82.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.9	U	50.9	82.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.1	U	55.1	82.6	110	ug/Kg
123-91-1	1,4-Dioxane	69.9	U	69.9	82.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.4	U	47.4	82.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.8	U	52.8	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.799		18-112		59	SPK: -150
13127-88-3	Phenol-d6	91.072		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	54.898		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	54.225		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	TP4-WC-1	SDG No.:	BF092624
Lab Sample ID:	P4198-21	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139567.D	1	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.985		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	64.141		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64936	6.875				
1146-65-2	Naphthalene-d8	243878	8.157				
15067-26-2	Acenaphthene-d10	131428	9.91				
1517-22-2	Phenanthrene-d10	256777	11.398				
1719-03-5	Chrysene-d12	147707	14.033				
1520-96-3	Perylene-d12	145098	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.175	
004254-15-3	(S)-(+)-1,2-Propanediol	73	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.087	
000770-35-4	1-Phenoxypropan-2-ol	47	J			8.469	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EO-01-092524	SDG No.:	BF092624
Lab Sample ID:	P4197-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139568.D	5	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	590	U	590	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EO-01-092524	SDG No.:	BF092624
Lab Sample ID:	P4197-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139568.D	5	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
Total PAH	Total PAH	10190	U	4280	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	280	U	280	420	550	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EO-01-092524	SDG No.:	BF092624
Lab Sample ID:	P4197-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139568.D	5	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	980		270	420	550	ug/Kg
120-12-7	Anthracene	270	U	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	1400		260	420	550	ug/Kg
92-87-5	Benzidine	520	U	520	870	1100	ug/Kg
129-00-0	Pyrene	1300		270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	940		260	420	550	ug/Kg
218-01-9	Chrysene	1000		260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	620		270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	1200		300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610		250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	740		260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.62		18-112		60	SPK: -150
13127-88-3	Phenol-d6	93.715		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	60.31		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	65.11		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EO-01-092524	SDG No.:	BF092624
Lab Sample ID:	P4197-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.9
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139568.D	5	9/26/2024 12:00:00 AM	9/27/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.785		10-116		43	SPK: -150
1718-51-0	Terphenyl-d14	61.405		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85318	6.875				
1146-65-2	Naphthalene-d8	317926	8.157				
15067-26-2	Acenaphthene-d10	163326	9.91				
1517-22-2	Phenanthrene-d10	259641	11.398				
1719-03-5	Chrysene-d12	165016	14.033				
1520-96-3	Perylene-d12	142687	15.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.134	
000112-40-3	Dodecane	350	J			10.333	
000629-50-5	Tridecane	490	J			10.81	
000629-92-5	Nonadecane	290	J			11.257	
035599-77-0	Tridecane, 1-iodo-	240	J			11.686	
000112-39-0	Hexadecanoic acid, methyl ester	300	J			11.786	
000832-69-9	Phenanthrene, 1-methyl-	450	J			11.921	
000203-64-5	4H-Cyclopenta[def]phenanthrene	380	J			12.01	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	1900	J			12.492	
033543-31-6	Fluoranthene, 2-methyl-	250	J			13.163	
000192-97-2	Benzo[e]pyrene	710	J			15.38	

Hit Summary Sheet SW-846

SDG No.: BF092624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : FB-NC-SYS2								
P4176-01	FB-NC-SYS2	Water	1,4-Benzenedicarboxylic acid, bis *	860.000	J			
P4176-01	FB-NC-SYS2	Water	Butane, 2-methoxy-2-methyl- *	190.000	J			
P4176-01	FB-NC-SYS2	Water	Hentriacontane *	10.300	J			
P4176-01	FB-NC-SYS2	Water	Heptadecane, 9-octyl- *	5.300	J			
P4176-01	FB-NC-SYS2	Water	Hexacosane *	11.100	J			
P4176-01	FB-NC-SYS2	Water	n-Hexadecanoic acid *	7.300	J			
P4176-01	FB-NC-SYS2	Water	Tetracosane *	10.700	J			
Total Tics :				1,094.70				
Total Concentration:				1,094.70				
Client ID : FB-1C-SYS2								
P4176-02	FB-1C-SYS2	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.600	A			
P4176-02	FB-1C-SYS2	Water	Benzophenone *	3.100	J			
P4176-02	FB-1C-SYS2	Water	Butane, 2-methoxy-2-methyl- *	180.000	J			
P4176-02	FB-1C-SYS2	Water	n-Hexadecanoic acid *	6.800	J			
P4176-02	FB-1C-SYS2	Water	Octadecanoic acid *	2.500	J			
P4176-02	FB-1C-SYS2	Water	unknown14.657 *	3.600	J			
Total Tics :				202.60				
Total Concentration:				202.60				
Client ID : FB-2C-SYS2								
P4176-03	FB-2C-SYS2	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.700	A			
P4176-03	FB-2C-SYS2	Water	Butane, 2-methoxy-2-methyl- *	190.000	J			
Total Tics :				196.70				
Total Concentration:				196.70				
Client ID : FB-NC-SYS1								
P4176-04	FB-NC-SYS1	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.400	A			
P4176-04	FB-NC-SYS1	Water	Benzophenone *	3.600	J			
P4176-04	FB-NC-SYS1	Water	Butane, 2-methoxy-2-methyl- *	170.000	J			
P4176-04	FB-NC-SYS1	Water	n-Hexadecanoic acid *	2.900	J			
Total Tics :				181.90				
Total Concentration:				181.90				
Client ID : FB-1C-SYS1								
P4176-05	FB-1C-SYS1	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.800	A			
P4176-05	FB-1C-SYS1	Water	Benzophenone *	6.500	J			
P4176-05	FB-1C-SYS1	Water	Butane, 2-methoxy-2-methyl- *	170.000	J			
P4176-05	FB-1C-SYS1	Water	n-Hexadecanoic acid *	3.200	J			
Total Tics :				185.50				

Hit Summary Sheet SW-846

SDG No.: BF092624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				185.50				
Client ID :	FB-2C-SYS1							
P4176-06	FB-2C-SYS1	Water	2-Pentanone, 4-hydroxy-4-methyl *	6.700	A			
P4176-06	FB-2C-SYS1	Water	Benzophenone *	2.100	J			
P4176-06	FB-2C-SYS1	Water	Butane, 2-methoxy-2-methyl- *	200.000	J			
Total Tics :				208.80				
Total Concentration:				208.80				
Client ID :	TP-T							
P4190-01	TP-T	Solid	(S)-(+)-1,2-Propanediol *	60.600	J			
P4190-01	TP-T	Solid	1-Phenoxypropan-2-ol *	51.000	J			
P4190-01	TP-T	Solid	2-Pentanone, 4-hydroxy-4-methyl *	120.000	A			
P4190-01	TP-T	Solid	Butane, 2-methoxy-2-methyl- *	2,300.000	J			
Total Tics :				2,531.60				
Total Concentration:				2,531.60				
Client ID :	EO-01-092524							
P4197-01	EO-01-092524	Solid	4H-Cyclopenta[def]phenanthrene *	380.000	J			
P4197-01	EO-01-092524	Solid	9-Octadecenoic acid (Z)-, methyl *	1,900.000	J			
P4197-01	EO-01-092524	Solid	Benzo[e]pyrene *	710.000	J			
P4197-01	EO-01-092524	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P4197-01	EO-01-092524	Solid	Dodecane *	350.000	J			
P4197-01	EO-01-092524	Solid	Fluoranthene, 2-methyl- *	250.000	J			
P4197-01	EO-01-092524	Solid	Hexadecanoic acid, methyl ester *	300.000	J			
P4197-01	EO-01-092524	Solid	Nonadecane *	290.000	J			
P4197-01	EO-01-092524	Solid	Phenanthrene, 1-methyl- *	450.000	J			
P4197-01	EO-01-092524	Solid	Tridecane *	490.000	J			
P4197-01	EO-01-092524	Solid	Tridecane, 1-iodo- *	240.000	J			
Total Tics :				7,960.00				
P4197-01	EO-01-092524	Solid	Benzo(a)anthracene	940.000		260	550	ug/Kg
P4197-01	EO-01-092524	Solid	Benzo(a)pyrene	1,200.000		300	550	ug/Kg
P4197-01	EO-01-092524	Solid	Benzo(b)fluoranthene	1,400.000		260	550	ug/Kg
P4197-01	EO-01-092524	Solid	Benzo(g,h,i)perylene	740.000		260	550	ug/Kg
P4197-01	EO-01-092524	Solid	Benzo(k)fluoranthene	620.000		270	550	ug/Kg
P4197-01	EO-01-092524	Solid	Chrysene	1,000.000		260	550	ug/Kg
P4197-01	EO-01-092524	Solid	Fluoranthene	1,400.000		260	550	ug/Kg
P4197-01	EO-01-092524	Solid	Indeno(1,2,3-cd)pyrene	610.000		250	550	ug/Kg
P4197-01	EO-01-092524	Solid	Phenanthrene	980.000		270	550	ug/Kg
P4197-01	EO-01-092524	Solid	Pyrene	1,300.000		270	550	ug/Kg
Total Svoc :				10,190.00				
Total Concentration:				18,150.00				

Hit Summary Sheet SW-846

SDG No.: BF092624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP2-WC-1								
P4198-01	TP2-WC-1	Solid	1-Phenoxypropan-2-ol	*	57.200	J		
P4198-01	TP2-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P4198-01	TP2-WC-1	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		
P4198-01	TP2-WC-1	Solid	unknown10.316	*	77.100	J		
P4198-01	TP2-WC-1	Solid	unknown3.375	*	98.800	J		
P4198-01	TP2-WC-1	Solid	unknown9.822	*	53.200	J		
Total Tics :					2,916.30			
Total Concentration:					2,916.30			
Client ID : TP1-WC-1								
P4198-06	TP1-WC-1	Solid	(S)-(+)-1,2-Propanediol	*	95.100	J		
P4198-06	TP1-WC-1	Solid	1,3,6-Trimethyladamantane	*	160.000	J		
P4198-06	TP1-WC-1	Solid	1H-Indene, octahydro-2,2,4,4,7,7-	*	290.000	J		
P4198-06	TP1-WC-1	Solid	2(1H)-Naphthalenone, octahydro-	*	48.800	J		
P4198-06	TP1-WC-1	Solid	2-Pentanone, 4-cyclohexylidene-3	*	180.000	J		
P4198-06	TP1-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P4198-06	TP1-WC-1	Solid	5-Undecyne	*	59.600	J		
P4198-06	TP1-WC-1	Solid	Benzene, 1-methoxy-4-(1-methyl	*	97.700	J		
P4198-06	TP1-WC-1	Solid	Butane, 2-methoxy-2-methyl-	*	2,700.000	J		
P4198-06	TP1-WC-1	Solid	photocitral A	*	320.000	J		
P4198-06	TP1-WC-1	Solid	unknown8.781	*	85.500	J		
P4198-06	TP1-WC-1	Solid	unknown8.898	*	66.100	J		
P4198-06	TP1-WC-1	Solid	unknown9.039	*	86.900	J		
P4198-06	TP1-WC-1	Solid	unknown9.781	*	340.000	J		
P4198-06	TP1-WC-1	Solid	unknown9.822	*	470.000	J		
P4198-06	TP1-WC-1	Solid	unknown9.863	*	96.700	J		
Total Tics :					5,236.40			
Total Concentration:					5,236.40			
Client ID : TP1-5-WC-1								
P4198-11	TP1-5-WC-1	Solid	(S)-(+)-1,2-Propanediol	*	72.600	J		
P4198-11	TP1-5-WC-1	Solid	1-Phenoxypropan-2-ol	*	55.200	J		
P4198-11	TP1-5-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P4198-11	TP1-5-WC-1	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J		
P4198-11	TP1-5-WC-1	Solid	n-Hexadecanoic acid	*	56.400	J		
Total Tics :					2,714.20			
Total Concentration:					2,714.20			
Client ID : TP3-WC-1								
P4198-16	TP3-WC-1	Solid	1-Dodecanol, 2-octyl-	*	53.800	J		
P4198-16	TP3-WC-1	Solid	1-Phenoxypropan-2-ol	*	64.600	J		

Hit Summary Sheet
SW-846

SDG No.: BF092624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4198-16	TP3-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	150.000	A			
P4198-16	TP3-WC-1	Solid	Butane, 2-methoxy-2-methyl-	3,300.000	J			
P4198-16	TP3-WC-1	Solid	n-Hexadecanoic acid	73.500	J			
P4198-16	TP3-WC-1	Solid	unknown10.004	46.800	J			
P4198-16	TP3-WC-1	Solid	unknown3.387	89.200	J			
Total Tics :					3,777.90			
Total Concentration:					3,777.90			
Client ID : TP4-WC-1								
P4198-21	TP4-WC-1	Solid	(S)-(+)-1,2-Propanediol	73.000	J			
P4198-21	TP4-WC-1	Solid	1-Phenoxypropan-2-ol	47.000	J			
P4198-21	TP4-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P4198-21	TP4-WC-1	Solid	Butane, 2-methoxy-2-methyl-	2,400.000	J			
Total Tics :					2,630.00			
Total Concentration:					2,630.00			
Client ID : TP5-WC-1								
P4198-26	TP5-WC-1	Solid	(S)-(+)-1,2-Propanediol	160.000	J			
P4198-26	TP5-WC-1	Solid	1-Phenoxypropan-2-ol	100.000	J			
P4198-26	TP5-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P4198-26	TP5-WC-1	Solid	Butane, 2-methoxy-2-methyl-	5,000.000	J			
P4198-26	TP5-WC-1	Solid	Ethanol, 2-(tetradecyloxy)-	78.200	J			
P4198-26	TP5-WC-1	Solid	n-Hexadecanoic acid	69.800	J			
P4198-26	TP5-WC-1	Solid	unknown10.004	72.100	J			
Total Tics :					5,700.10			
Total Concentration:					5,700.10			



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.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 15:31

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	PB163697BL	81130	6.88	310840	8.16	172665	9.91
02	PB163697BS	82403	6.88	310214	8.16	175082	9.92
03	PB163677BS	76718	6.88	291390	8.16	157795	9.92
04	PB163677BSD	72760	6.88	272741	8.16	145233	9.92
05	PB163677BL	75782	6.88	282535	8.16	155940	9.91
06	FB-NC-SYS2	68783	6.88	258808	8.16	143953	9.91
07	FB-1C-SYS2	71167	6.88	267168	8.16	146975	9.91
08	FB-2C-SYS2	67959	6.88	251539	8.16	137339	9.91
09	FB-NC-SYS1	65147	6.88	242859	8.16	131484	9.91
10	FB-1C-SYS1	69863	6.88	259638	8.16	140424	9.91
11	FB-2C-SYS1	61781	6.88	231827	8.16	124772	9.91
12	TP-T	68787	6.88	256464	8.16	140130	9.91
13	TP-TMS	68701	6.88	254478	8.16	143007	9.92
14	TP-TMSD	63565	6.88	235838	8.16	128778	9.92
15	TP2-WC-1	65854	6.88	240639	8.16	130658	9.91
16	TP1-WC-1	66213	6.88	239252	8.16	123896	9.92
17	TP1-5-WC-1	69142	6.88	254099	8.16	136720	9.91
18	TP3-WC-1	64785	6.88	245186	8.16	132162	9.91
19	TP5-WC-1	47656	6.88	176434	8.16	96030	9.91
20	TP4-WC-1	64936	6.88	243878	8.16	131428	9.91
21	EO-01-092524	85318	6.88	317926	8.16	163326	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 01:42

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDCCC040

Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BF139547.D

Time Analyzed: 15:31

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	98137	6.881	356955	8.16	194544	9.92
	UPPER LIMIT	196274	7.381	713910	8.663	389088	10.416
	LOWER LIMIT	49068.5	6.381	178477.5	7.663	97272	9.416
	EPA SAMPLE NO.						
01	PB163697BL	81130	6.88	310840	8.16	172665	9.91
02	PB163697BS	82403	6.88	310214	8.16	175082	9.92
03	PB163677BS	76718	6.88	291390	8.16	157795	9.92
04	PB163677BSD	72760	6.88	272741	8.16	145233	9.92
05	PB163677BL	75782	6.88	282535	8.16	155940	9.91
06	FB-NC-SYS2	68783	6.88	258808	8.16	143953	9.91
07	FB-1C-SYS2	71167	6.88	267168	8.16	146975	9.91
08	FB-2C-SYS2	67959	6.88	251539	8.16	137339	9.91
09	FB-NC-SYS1	65147	6.88	242859	8.16	131484	9.91
10	FB-1C-SYS1	69863	6.88	259638	8.16	140424	9.91
11	FB-2C-SYS1	61781	6.88	231827	8.16	124772	9.91
12	TP-T	68787	6.88	256464	8.16	140130	9.91
13	TP-TMS	68701	6.88	254478	8.16	143007	9.92
14	TP-TMSD	63565	6.88	235838	8.16	128778	9.92
15	TP2-WC-1	65854	6.88	240639	8.16	130658	9.91
16	TP1-WC-1	66213	6.88	239252	8.16	123896	9.92
17	TP1-5-WC-1	69142	6.88	254099	8.16	136720	9.91
18	TP3-WC-1	64785	6.88	245186	8.16	132162	9.91
19	TP5-WC-1	47656 *	6.88	176434 *	8.16	96030 *	9.91
20	TP4-WC-1	64936	6.88	243878	8.16	131428	9.91
21	EO-01-092524	85318	6.88	317926	8.16	163326	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BF139547.D Time Analyzed: 01:42

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	98137	6.881	356955	8.16	194544	9.92
UPPER LIMIT	196274	7.381	713910	8.663	389088	10.416
LOWER LIMIT	49068.5	6.381	178477.5	7.663	97272	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.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 15:31

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	PB163697BL	326485	11.40	194540	14.04	150997	15.51
02	PB163697BS	312559	11.40	154736	14.04	160763	15.51
03	PB163677BS	273650	11.40	141027	14.04	157414	15.51
04	PB163677BSD	254802	11.40	129364	14.04	149417	15.51
05	PB163677BL	296134	11.40	186522	14.03	150030	15.51
06	FB-NC-SYS2	261366	11.40	137367	14.03	128950	15.51
07	FB-1C-SYS2	268928	11.40	137114	14.03	138036	15.51
08	FB-2C-SYS2	251077	11.40	143442	14.03	132423	15.51
09	FB-NC-SYS1	248563	11.40	156570	14.03	133422	15.51
10	FB-1C-SYS1	265704	11.40	148610	14.03	134445	15.51
11	FB-2C-SYS1	233417	11.40	131782	14.03	124668	15.50
12	TP-T	256600	11.40	134951	14.03	134706	15.51
13	TP-TMS	283022	11.40	153496	14.04	158260	15.51
14	TP-TMSD	255931	11.40	131459	14.04	139714	15.51
15	TP2-WC-1	237670	11.40	142564	14.03	141536	15.51
16	TP1-WC-1	211255	11.40	118239	14.03	143587	15.51
17	TP1-5-WC-1	253077	11.40	148456	14.03	153585	15.51
18	TP3-WC-1	244873	11.40	144217	14.03	139394	15.50
19	TP5-WC-1	179508	11.40	100370	14.03	102501	15.50
20	TP4-WC-1	256777	11.40	147707	14.03	145098	15.50
21	EO-01-092524	259641	11.40	165016	14.03	142687	15.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BF139349.D Time Analyzed: 01:42

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.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 26 2024 12:00AM

Lab File ID: BF139547.D Time Analyzed: 15:31

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	331270	11.404	182508	14.039	210199	15.515
	UPPER LIMIT	662540	11.904	365016	14.539	420398	16.015
	LOWER LIMIT	165635	10.904	91254	13.539	105099.5	15.015
	EPA SAMPLE NO.						
01	PB163697BL	326485	11.40	194540	14.04	150997	15.51
02	PB163697BS	312559	11.40	154736	14.04	160763	15.51
03	PB163677BS	273650	11.40	141027	14.04	157414	15.51
04	PB163677BSD	254802	11.40	129364	14.04	149417	15.51
05	PB163677BL	296134	11.40	186522	14.03	150030	15.51
06	FB-NC-SYS2	261366	11.40	137367	14.03	128950	15.51
07	FB-1C-SYS2	268928	11.40	137114	14.03	138036	15.51
08	FB-2C-SYS2	251077	11.40	143442	14.03	132423	15.51
09	FB-NC-SYS1	248563	11.40	156570	14.03	133422	15.51
10	FB-1C-SYS1	265704	11.40	148610	14.03	134445	15.51
11	FB-2C-SYS1	233417	11.40	131782	14.03	124668	15.50
12	TP-T	256600	11.40	134951	14.03	134706	15.51
13	TP-TMS	283022	11.40	153496	14.04	158260	15.51
14	TP-TMSD	255931	11.40	131459	14.04	139714	15.51
15	TP2-WC-1	237670	11.40	142564	14.03	141536	15.51
16	TP1-WC-1	211255	11.40	118239	14.03	143587	15.51
17	TP1-5-WC-1	253077	11.40	148456	14.03	153585	15.51
18	TP3-WC-1	244873	11.40	144217	14.03	139394	15.50
19	TP5-WC-1	179508	11.40	100370	14.03	102501 *	15.50
20	TP4-WC-1	256777	11.40	147707	14.03	145098	15.50
21	EO-01-092524	259641	11.40	165016	14.03	142687	15.51

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF092624 SAS No.: BF092624 SDG NO.: BF092624

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 27 2024 12:00AM

Lab File ID: BF139547.D Time Analyzed: 01:42

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	331270	11.404	182508	14.039	210199	15.515
UPPER LIMIT	662540	11.904	365016	14.539	420398	16.015
LOWER LIMIT	165635	10.904	91254	13.539	105099.5	15.015
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.: **BF092624**

Client: _____

Analytical Method: **625.1**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163677BS	n-Nitrosodimethylamine	50	45.3	ug/L	91				52	110	
	Pyridine	50	54.2	ug/L	108				55	145	
	Benzaldehyde	50	12.1	ug/L	24				10	110	
	Aniline	50	62.6	ug/L	125				50	150	
	Phenol	50	52.4	ug/L	105				48	130	
	bis(2-Chloroethyl)ether	50	52.2	ug/L	104				52	130	
	2-Chlorophenol	50	52.8	ug/L	106				55	130	
	1,2-Dichlorobenzene	50	50.4	ug/L	101				32	129	
	1,3-Dichlorobenzene	50	49.4	ug/L	99				1	172	
	1,4-Dichlorobenzene	50	50	ug/L	100				20	124	
	Benzyl Alcohol	50	49.8	ug/L	100				10	156	
	2-Methylphenol	50	52.8	ug/L	106				15	153	
	2,2-oxybis(1-Chloropropane)	50	62.4	ug/L	125				63	139	
	Acetophenone	50	46.7	ug/L	93				21	128	
	3+4-Methylphenols	50	48.8	ug/L	98				10	156	
	N-Nitroso-di-n-propylamine	50	53.1	ug/L	106				59	170	
	Hexachloroethane	50	50.1	ug/L	100				55	130	
	Nitrobenzene	50	46.8	ug/L	94				54	158	
	Isophorone	50	52.3	ug/L	105				52	180	
	2-Nitrophenol	50	54.3	ug/L	109				61	163	
	2,4-Dimethylphenol	50	62.1	ug/L	124				58	130	
	bis(2-Chloroethoxy)methane	50	52.7	ug/L	105				52	164	
	2,4-Dichlorophenol	50	50.9	ug/L	102				64	130	
	1,2,4-Trichlorobenzene	50	47	ug/L	94				44	142	
	Benzoic acid	50	46.8	ug/L	94				10	159	
	Naphthalene	50	49.7	ug/L	99				70	130	
	4-Chloroaniline	50	24.2	ug/L	48				10	126	
	Hexachlorobutadiene	50	45.7	ug/L	91				68	130	
	Caprolactam	50	52.5	ug/L	105				10	160	
	4-Chloro-3-methylphenol	50	48.6	ug/L	97				68	130	
	2-Methylnaphthalene	50	50.4	ug/L	101				25	124	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		21	137	
	2,4,6-Trichlorophenol	50	50.3	ug/L	101				69	130	
	2,4,5-Trichlorophenol	50	50	ug/L	100				74	100	
	1,1-Biphenyl	50	48.9	ug/L	98				20	125	
	2-Chloronaphthalene	50	49.5	ug/L	99				70	130	
	2-Nitroaniline	50	48.7	ug/L	97				61	112	
	Dimethylphthalate	50	50.9	ug/L	102				50	130	
	Acenaphthylene	50	53.6	ug/L	107				60	130	
	2,6-Dinitrotoluene	50	50.6	ug/L	101				68	137	
	3-Nitroaniline	50	34.7	ug/L	69				35	106	
	Acenaphthene	50	55.2	ug/L	110				70	130	
	Total PAH	800	844.9	ug/L	106				70	130	
	2,4-Dinitrophenol	100	100	ug/L	100				39	173	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF092624**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163677BS	4-Nitrophenol	100	87.6	ug/L	88				35	130	
	Dibenzofuran	50	49.4	ug/L	99				29	125	
	2,4-Dinitrotoluene/2,6-Dinitrotol	100	100.7	ug/L	101				53	130	
	2,4-Dinitrotoluene	50	50.1	ug/L	100				53	130	
	Diethylphthalate	50	48.8	ug/L	98				47	130	
	4-Chlorophenyl-phenylether	50	47.3	ug/L	95				57	145	
	Fluorene	50	48.1	ug/L	96				70	130	
	4-Nitroaniline	50	46.3	ug/L	93				69	101	
	4,6-Dinitro-2-methylphenol	50	57.9	ug/L	116				56	130	
	N-Nitrosodiphenylamine	50	55.6	ug/L	111		*		63	100	
	Azobenzene	50	50.7	ug/L	101				58	105	
	4-Bromophenyl-phenylether	50	54.4	ug/L	109				70	130	
	Hexachlorobenzene	50	51.7	ug/L	103				38	142	
	Atrazine	50	72.6	ug/L	145		*		51	130	
	Pentachlorophenol	100	94	ug/L	94				42	152	
	Phenanthrene	50	53.3	ug/L	107				67	130	
	Anthracene	50	55.2	ug/L	110				58	130	
	Carbazole	50	49.3	ug/L	99				60	125	
	Di-n-butylphthalate	50	51.6	ug/L	103				52	130	
	Fluoranthene	50	45.9	ug/L	92				47	130	
	Benzidine	100	110	ug/L	110				10	133	
	Pyrene	50	54.3	ug/L	109				70	130	
	Butylbenzylphthalate	50	54.9	ug/L	110				43	140	
	3,3-Dichlorobenzidine	50	44.6	ug/L	89				18	213	
	Benzo(a)anthracene	50	52.8	ug/L	106				42	133	
	Chrysene	50	55.1	ug/L	110				44	140	
	bis(2-Ethylhexyl)phthalate	50	52.8	ug/L	106				43	137	
	Di-n-octyl phthalate	50	60	ug/L	120				21	132	
	Benzo(b)fluoranthene	50	52.2	ug/L	104				42	140	
	Benzo(k)fluoranthene	50	47.6	ug/L	95				25	146	
	Benzo(a)pyrene	50	57	ug/L	114				32	148	
	Indeno(1,2,3-cd)pyrene	50	57	ug/L	114				13	151	
	Dibenz(a,h)anthracene	50	56	ug/L	112				13	200	
	Benzo(g,h,i)perylene	50	51.9	ug/L	104				13	195	
	1,2,4,5-Tetrachlorobenzene	50	49.1	ug/L	98				70	130	
	2,3,4,6-Tetrachlorophenol	50	49.9	ug/L	100				70	130	
	1,4-Dioxane	50	44.5	ug/L	89				70	130	
PB163677BSD	n-Nitrosodimethylamine	50	46.7	ug/L	93	3			52	110	20
	Pyridine	50	54.9	ug/L	110	1			55	145	20
	Benzaldehyde	50	12.1	ug/L	24	0			10	110	20
	Aniline	50	64.1	ug/L	128	2			50	150	20
	Phenol	50	54	ug/L	108	3			48	130	20
	bis(2-Chloroethyl)ether	50	52.6	ug/L	105	1			52	130	20
	2-Chlorophenol	50	54.3	ug/L	109	3			55	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF092624**

Client: _____

Analytical Method: **625.1**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163677BSD	1,2-Dichlorobenzene	50	52	ug/L	104	3			32	129	20
	1,3-Dichlorobenzene	50	50	ug/L	100	1			1	172	20
	1,4-Dichlorobenzene	50	51	ug/L	102	2			20	124	20
	Benzyl Alcohol	50	50.6	ug/L	101	2			10	156	20
	2-Methylphenol	50	53.6	ug/L	107	2			15	153	20
	2,2-oxybis(1-Chloropropane)	50	63.3	ug/L	127	1			63	139	20
	Acetophenone	50	48.3	ug/L	97	3			21	128	20
	3+4-Methylphenols	50	50.1	ug/L	100	3			10	156	20
	N-Nitroso-di-n-propylamine	50	53.5	ug/L	107	1			59	170	20
	Hexachloroethane	50	50.6	ug/L	101	1			55	130	20
	Nitrobenzene	50	48.3	ug/L	97	3			54	158	20
	Isophorone	50	54.2	ug/L	108	4			52	180	20
	2-Nitrophenol	50	57	ug/L	114	5			61	163	20
	2,4-Dimethylphenol	50	64.4	ug/L	129	4			58	130	20
	bis(2-Chloroethoxy)methane	50	55	ug/L	110	4			52	164	20
	2,4-Dichlorophenol	50	51.9	ug/L	104	2			64	130	20
	1,2,4-Trichlorobenzene	50	49	ug/L	98	4			44	142	20
	Benzoic acid	50	48.6	ug/L	97	4			10	159	20
	Naphthalene	50	51.8	ug/L	104	4			70	130	20
	4-Chloroaniline	50	25.6	ug/L	51	6			10	126	20
	Hexachlorobutadiene	50	47	ug/L	94	3			68	130	20
	Caprolactam	50	54.9	ug/L	110	4			10	160	20
	4-Chloro-3-methylphenol	50	50	ug/L	100	3			68	130	20
	2-Methylnaphthalene	50	52.4	ug/L	105	4			25	124	20
	Hexachlorocyclopentadiene	100	180	ug/L	180	6	*		21	137	20
	2,4,6-Trichlorophenol	50	53.4	ug/L	107	6			69	130	20
	2,4,5-Trichlorophenol	50	53.4	ug/L	107	7	*		74	100	20
	1,1-Biphenyl	50	51.8	ug/L	104	6			20	125	20
	2-Chloronaphthalene	50	52.1	ug/L	104	5			70	130	20
	2-Nitroaniline	50	51.8	ug/L	104	6			61	112	20
	Dimethylphthalate	50	53.2	ug/L	106	4			50	130	20
	Acenaphthylene	50	56.6	ug/L	113	5			60	130	20
	2,6-Dinitrotoluene	50	52.7	ug/L	105	4			68	137	20
	3-Nitroaniline	50	36.2	ug/L	72	4			35	106	20
	Acenaphthene	50	57.4	ug/L	115	4			70	130	20
	Total PAH	800	875.3	ug/L	109	4			70	130	20
	2,4-Dinitrophenol	100	110	ug/L	110	10			39	173	20
	4-Nitrophenol	100	91.1	ug/L	91	4			35	130	20
	Dibenzofuran	50	52.3	ug/L	105	6			29	125	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	105.2	ug/L	105	4			53	130	20
	2,4-Dinitrotoluene	50	52.5	ug/L	105	5			53	130	20
	Diethylphthalate	50	51.7	ug/L	103	6			47	130	20
	4-Chlorophenyl-phenylether	50	50.4	ug/L	101	6			57	145	20
	Fluorene	50	50.2	ug/L	100	4			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF092624**

Client:

Analytical Method: **625.1**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB163677BSD	4-Nitroaniline	50	47.4	ug/L	95	2			69	101	20
	4,6-Dinitro-2-methylphenol	50	60.3	ug/L	121	4			56	130	20
	N-Nitrosodiphenylamine	50	57.5	ug/L	115	3	*		63	100	20
	Azobenzene	50	53.1	ug/L	106	5	*		58	105	20
	4-Bromophenyl-phenylether	50	56.8	ug/L	114	4			70	130	20
	Hexachlorobenzene	50	52.9	ug/L	106	2			38	142	20
	Atrazine	50	73.5	ug/L	147	1	*		51	130	20
	Pentachlorophenol	100	96.7	ug/L	97	3			42	152	20
	Phenanthrene	50	55	ug/L	110	3			67	130	20
	Anthracene	50	57.7	ug/L	115	4			58	130	20
	Carbazole	50	51.1	ug/L	102	4			60	125	20
	Di-n-butylphthalate	50	53.3	ug/L	107	3			52	130	20
	Fluoranthene	50	47.7	ug/L	95	4			47	130	20
	Benzidine	100	120	ug/L	120	9			10	133	20
	Pyrene	50	56.4	ug/L	113	4			70	130	20
	Butylbenzylphthalate	50	56.6	ug/L	113	3			43	140	20
	3,3-Dichlorobenzidine	50	47	ug/L	94	5			18	213	20
	Benzo(a)anthracene	50	56	ug/L	112	6			42	133	20
	Chrysene	50	58.1	ug/L	116	5			44	140	20
	bis(2-Ethylhexyl)phthalate	50	55.2	ug/L	110	4			43	137	20
	Di-n-octyl phthalate	50	63	ug/L	126	5			21	132	20
	Benzo(b)fluoranthene	50	54.8	ug/L	110	5			42	140	20
	Benzo(k)fluoranthene	50	47.2	ug/L	94	1			25	146	20
	Benzo(a)pyrene	50	58.7	ug/L	117	3			32	148	20
	Indeno(1,2,3-cd)pyrene	50	57.7	ug/L	115	1			13	151	20
	Dibenz(a,h)anthracene	50	57.3	ug/L	115	2			13	200	20
	Benzo(g,h,i)perylene	50	52.7	ug/L	105	2			13	195	20
	1,2,4,5-Tetrachlorobenzene	50	51.6	ug/L	103	5			70	130	20
	2,3,4,6-Tetrachlorophenol	50	53	ug/L	106	6			70	130	20
	1,4-Dioxane	50	45.5	ug/L	91	2			70	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF092624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163697BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1700	ug/Kg	100		*		28	98	
	Benzaldehyde	1700	310	ug/Kg	18				10	133	
	Aniline	1700	1900	ug/Kg	112		*		38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1900	ug/Kg	112		*		51	100	
	Acetophenone	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1700	ug/Kg	100		*		66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	5000	ug/Kg	152				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	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	26400	ug/Kg	97				57	104	
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF092624**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163697BS	4-Nitrophenol	3300	2800	ug/Kg	85				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	1400	ug/Kg	82				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	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	2200	ug/Kg	129				47	152	
	Pentachlorophenol	3300	2800	ug/Kg	85				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1600	ug/Kg	94				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	2900	ug/Kg	88				10	98	
	Pyrene	1700	1800	ug/Kg	106		*		59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				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	1700	ug/Kg	100				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	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1400	ug/Kg	82				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163677BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF092624SAS No.: BF092624 SDG NO.: BF092624Lab File ID: BF139552.DLab Sample ID: PB163677BLInstrument ID: BNA_FDate Extracted: 09/25/2024Matrix: (soil/water) WaterDate Analyzed: 09/26/2024Level: (low/med) LOWTime Analyzed: 17:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
FB-NC-SYS2	P4176-01	BF139553.D	09/26/2024
FB-1C-SYS2	P4176-02	BF139554.D	09/26/2024
FB-2C-SYS2	P4176-03	BF139555.D	09/26/2024
FB-NC-SYS1	P4176-04	BF139556.D	09/26/2024
FB-1C-SYS1	P4176-05	BF139557.D	09/26/2024
FB-2C-SYS1	P4176-06	BF139558.D	09/26/2024
PB163677BS	PB163677BS	BF139550.D	09/26/2024
PB163677BSD	PB163677BSD	BF139551.D	09/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163697BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF092624

SAS No.: BF092624 SDG NO.: BF092624

Lab File ID: BF139548.D

Lab Sample ID: PB163697BL

Instrument ID: BNA_F

Date Extracted: 09/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/26/2024

Level: (low/med) LOW

Time Analyzed: 15:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163697BS	PB163697BS	BF139549.D	09/26/2024
TP-T	P4190-01	BF139559.D	09/26/2024
TP-TMS	P4190-01MS	BF139560.D	09/26/2024
TP-TMSD	P4190-01MSD	BF139561.D	09/26/2024
TP2-WC-1	P4198-01	BF139562.D	09/26/2024
TP1-WC-1	P4198-06	BF139563.D	09/26/2024
TP1-5-WC-1	P4198-11	BF139564.D	09/26/2024
TP3-WC-1	P4198-16	BF139565.D	09/27/2024
TP5-WC-1	P4198-26	BF139566.D	09/27/2024
TP4-WC-1	P4198-21	BF139567.D	09/27/2024
EO-01-092524	P4197-01	BF139568.D	09/27/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4190-01MS		Client Sample ID: TP-TMS		DataFile: BF139560.D							
n-Nitrosodimethylamine	1100		990	ug/Kg	90				66	124	
Pyridine	1100		1300	ug/Kg	118				45	119	
Benzaldehyde	1100		250	ug/Kg	23				10	86	
Aniline	1100		1400	ug/Kg	127	*			10	88	
Phenol	1100		1200	ug/Kg	109				67	126	
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100				54	125	
2-Chlorophenol	1100		1100	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1100		1100	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1100		1100	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1100		1100	ug/Kg	100				63	104	
Benzyl Alcohol	1100		1100	ug/Kg	100				47	126	
2-Methylphenol	1100		1100	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1100		1300	ug/Kg	118	*			65	110	
Acetophenone	1100		1000	ug/Kg	91				75	111	
3+4-Methylphenols	1100		1100	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		1000	ug/Kg	91				70	119	
Isophorone	1100		1200	ug/Kg	109				76	122	
2-Nitrophenol	1100		1200	ug/Kg	109				54	145	
2,4-Dimethylphenol	1100		1400	ug/Kg	127				44	135	
bis(2-Chloroethoxy)methane	1100		1200	ug/Kg	109				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		970	ug/Kg	88				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		680	ug/Kg	62				10	91	
Hexachlorobutadiene	1100		960	ug/Kg	87				66	114	
Caprolactam	1100		1300	ug/Kg	118				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2100		3300	ug/Kg	157				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		1100	ug/Kg	100				75	113	
2-Chloronaphthalene	1100		1100	ug/Kg	100				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		1100	ug/Kg	100				70	113	
Acenaphthylene	1100		1200	ug/Kg	109				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		970	ug/Kg	88				30	99	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		18760	ug/Kg	107				70	121	
2,4-Dinitrophenol	2100		2300	ug/Kg	110				10	155	
4-Nitrophenol	2100		2300	ug/Kg	110				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1200	ug/Kg	109				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1100	ug/Kg	100				68	116	
4-Nitroaniline	1100		1200	ug/Kg	109				55	120	
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109				10	160	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1500	ug/Kg	136	*			79	127	
Pentachlorophenol	2100		2000	ug/Kg	95				47	128	
Phenanthrene	1100		1200	ug/Kg	109				52	128	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1200	ug/Kg	109				59	119	
Di-n-butylphthalate	1100		1200	ug/Kg	109				69	118	
Fluoranthene	1100		1200	ug/Kg	109				44	125	
Benzidine	2100		2700	ug/Kg	129	*			10	119	
Pyrene	1100		1300	ug/Kg	118				26	142	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		960	ug/Kg	87				33	116	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1200	ug/Kg	109				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				42	169	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		960	ug/Kg	87				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1200	ug/Kg	109				40	129	
Dibenz(a,h)anthracene	1100		1200	ug/Kg	109				43	123	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		1100	ug/Kg	100				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				69	112	
1-Methylnaphthalene	1100		1100	ug/Kg	100				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4190-01MSD		Client Sample ID: TP-TMSD		DataFile: BF139561.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100		11		66	124	20
Pyridine	1100		1400	ug/Kg	127	*	7		45	119	20
Benzaldehyde	1100		280	ug/Kg	25		8		10	86	20
Aniline	1100		1600	ug/Kg	145	*	13		10	88	20
Phenol	1100		1300	ug/Kg	118		8		67	126	20
bis(2-Chloroethyl)ether	1100		1200	ug/Kg	109		9		54	125	20
2-Chlorophenol	1100		1300	ug/Kg	118	*	17		79	107	20
1,2-Dichlorobenzene	1100		1200	ug/Kg	109	*	9		61	105	20
1,3-Dichlorobenzene	1100		1200	ug/Kg	109	*	9		62	101	20
1,4-Dichlorobenzene	1100		1200	ug/Kg	109	*	9		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		9		47	126	20
2-Methylphenol	1100		1300	ug/Kg	118		17		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1400	ug/Kg	127	*	7		65	110	20
Acetophenone	1100		1100	ug/Kg	100		9		75	111	20
3+4-Methylphenols	1100		1200	ug/Kg	109	*	9		66	104	20
N-Nitroso-di-n-propylamine	1100		1200	ug/Kg	109		9		59	119	20
Hexachloroethane	1100		1100	ug/Kg	100		9		65	117	20
Nitrobenzene	1100		1100	ug/Kg	100		9		70	119	20
Isophorone	1100		1300	ug/Kg	118		8		76	122	20
2-Nitrophenol	1100		1300	ug/Kg	118		8		54	145	20
2,4-Dimethylphenol	1100		1500	ug/Kg	136	*	7		44	135	20
bis(2-Chloroethoxy)methane	1100		1300	ug/Kg	118	*	8		68	112	20
2,4-Dichlorophenol	1100		1300	ug/Kg	118		17		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		9		57	103	20
Benzoic acid	1100		1000	ug/Kg	91		3		50	104	20
Naphthalene	1100		1200	ug/Kg	109		9		72	110	20
4-Chloroaniline	1100		800	ug/Kg	73		16		10	91	20
Hexachlorobutadiene	1100		1000	ug/Kg	91		4		66	114	20
Caprolactam	1100		1400	ug/Kg	127		7		51	134	20
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109		9		57	132	20
2-Methylnaphthalene	1100		1200	ug/Kg	109		9		59	123	20
Hexachlorocyclopentadiene	2100		3600	ug/Kg	171		9		10	175	20
2,4,6-Trichlorophenol	1100		1300	ug/Kg	118	*	17		72	117	20
2,4,5-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109		9		75	113	20
2-Chloronaphthalene	1100		1200	ug/Kg	109		9		67	118	20
2-Nitroaniline	1100		1300	ug/Kg	118		17		69	127	20
Dimethylphthalate	1100		1300	ug/Kg	118	*	17		70	113	20
Acenaphthylene	1100		1400	ug/Kg	127	*	15		79	118	20
2,6-Dinitrotoluene	1100		1300	ug/Kg	118		17		70	125	20
3-Nitroaniline	1100		1100	ug/Kg	100	*	13		30	99	20
Acenaphthene	1100		1400	ug/Kg	127	*	15		70	121	20
Total PAH	17600		21100	ug/Kg	120		11		70	121	20
2,4-Dinitrophenol	2100		2600	ug/Kg	124		12		10	155	20
4-Nitrophenol	2100		2600	ug/Kg	124		12		45	133	20
Dibenzofuran	1100		1300	ug/Kg	118	*	17		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF092624

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1300	ug/Kg	118		8		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2600	ug/Kg	118		12		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1200	ug/Kg	109	*	18		71	108	20
Fluorene	1100		1200	ug/Kg	109		9		68	116	20
4-Nitroaniline	1100		1300	ug/Kg	118		8		55	120	20
4,6-Dinitro-2-methylphenol	1100		1300	ug/Kg	118		8		10	160	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		17		73	118	20
Azobenzene	1100		1300	ug/Kg	118	*	17		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		9		65	121	20
Hexachlorobenzene	1100		1200	ug/Kg	109		9		67	118	20
Atrazine	1100		1700	ug/Kg	155	*	13		79	127	20
Pentachlorophenol	2100		2200	ug/Kg	105		10		47	128	20
Phenanthrene	1100		1300	ug/Kg	118		8		52	128	20
Anthracene	1100		1300	ug/Kg	118		8		62	124	20
Carbazole	1100		1300	ug/Kg	118		8		59	119	20
Di-n-butylphthalate	1100		1300	ug/Kg	118		8		69	118	20
Fluoranthene	1100		1300	ug/Kg	118		8		44	125	20
Benzydine	2100		3200	ug/Kg	152	*	16		10	119	20
Pyrene	1100		1500	ug/Kg	136		14		26	142	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	7		64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		14		33	116	20
Benzo(a)anthracene	1100		1300	ug/Kg	118	*	8		71	114	20
Chrysene	1100		1300	ug/Kg	118		8		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		9		42	169	20
Di-n-octyl phthalate	1100		1200	ug/Kg	109		9		23	175	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		8		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		14		57	134	20
Benzo(a)pyrene	1100		1400	ug/Kg	127		15		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1400	ug/Kg	127		15		40	129	20
Dibenz(a,h)anthracene	1100		1400	ug/Kg	127	*	15		43	123	20
Benzo(g,h,i)perylene	1100		1300	ug/Kg	118		17		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		9		69	124	20
1,4-Dioxane	1100		1200	ug/Kg	109		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1300	ug/Kg	118	*	17		69	112	20
1-Methylnaphthalene	1100		1200	ug/Kg	109		9		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF092624**

Client: _____

Analytical Method: **625.1**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4176-01	FB-NC-SYS2	BF139553.D	2-Fluorophenol	100	50.08	50	*	60	140
			Phenol-d6	100	39.49	39	*	60	140
			Nitrobenzene-d5	100	96.32	96		60	140
			2-Fluorobiphenyl	100	83.36	83		60	140
			2,4,6-Tribromophenol	100	91.01	91		60	140
			Terphenyl-d14	100	110.48	110		60	140
P4176-02	FB-1C-SYS2	BF139554.D	2-Fluorophenol	100	45.72	46	*	60	140
			Phenol-d6	100	36.53	37	*	60	140
			Nitrobenzene-d5	100	87.79	88		60	140
			2-Fluorobiphenyl	100	74.23	74		60	140
			2,4,6-Tribromophenol	100	84.49	84		60	140
			Terphenyl-d14	100	110.28	110		60	140
P4176-03	FB-2C-SYS2	BF139555.D	2-Fluorophenol	100	47.96	48	*	60	140
			Phenol-d6	100	38.51	39	*	60	140
			Nitrobenzene-d5	100	90.00	90		60	140
			2-Fluorobiphenyl	100	72.80	73		60	140
			2,4,6-Tribromophenol	100	83.26	83		60	140
			Terphenyl-d14	100	111.24	111		60	140
P4176-04	FB-NC-SYS1	BF139556.D	2-Fluorophenol	100	38.90	39	*	60	140
			Phenol-d6	100	30.07	30	*	60	140
			Nitrobenzene-d5	100	80.45	80		60	140
			2-Fluorobiphenyl	100	70.38	70		60	140
			2,4,6-Tribromophenol	100	82.90	83		60	140
			Terphenyl-d14	100	101.35	101		60	140
P4176-05	FB-1C-SYS1	BF139557.D	2-Fluorophenol	100	43.18	43	*	60	140
			Phenol-d6	100	35.11	35	*	60	140
			Nitrobenzene-d5	100	82.54	83		60	140
			2-Fluorobiphenyl	100	70.80	71		60	140
			2,4,6-Tribromophenol	100	83.92	84		60	140
			Terphenyl-d14	100	108.72	109		60	140
P4176-06	FB-2C-SYS1	BF139558.D	2-Fluorophenol	100	47.75	48	*	60	140
			Phenol-d6	100	37.57	38	*	60	140
			Nitrobenzene-d5	100	93.96	94		60	140
			2-Fluorobiphenyl	100	82.37	82		60	140
			2,4,6-Tribromophenol	100	92.99	93		60	140
			Terphenyl-d14	100	118.10	118		60	140
PB163677BL	PB163677BL	BF139552.D	2-Fluorophenol	100	97.67	98		60	140
			Phenol-d6	100	98.86	99		60	140
			Nitrobenzene-d5	100	95.40	95		60	140
			2-Fluorobiphenyl	100	92.46	92		60	140
			2,4,6-Tribromophenol	100	85.76	86		60	140
			Terphenyl-d14	100	101.23	101		60	140
PB163677BS	PB163677BS	BF139550.D	2-Fluorophenol	100	96.92	97		60	140
			Phenol-d6	100	95.56	96		60	140
			Nitrobenzene-d5	100	91.42	91		60	140
			2-Fluorobiphenyl	100	89.23	89		60	140
			2,4,6-Tribromophenol	100	86.63	87		60	140
			Terphenyl-d14	100	98.23	98		60	140
PB163677BSD	PB163677BSD	BF139551.D	2-Fluorophenol	100	99.70	100		60	140

Surrogate Summary

SW-846

SDG No.: BF092624

Client: _____

Analytical Method: 625.1

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163677BSD	PB163677BSD	BF139551.D	Phenol-d6	100	97.47	97		60	140
			Nitrobenzene-d5	100	94.48	94		60	140
			2-Fluorobiphenyl	100	93.88	94		60	140
			2,4,6-Tribromophenol	100	91.67	92		60	140
			Terphenyl-d14	100	104.17	104		60	140

Surrogate Summary

SW-846

SDG No.: **BF092624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4190-01	TP-T	BF139559.D	2-Fluorophenol	150	90.42	60		18	112
			Phenol-d6	150	93.20	62		15	107
			Nitrobenzene-d5	100	59.44	59		18	107
			2-Fluorobiphenyl	100	60.75	61		20	109
			2,4,6-Tribromophenol	150	78.66	52		10	116
			Terphenyl-d14	100	73.16	73		10	105
P4190-01MS	TP-TMS	BF139560.D	2-Fluorophenol	150	80.89	54		18	112
			Phenol-d6	150	84.21	56		15	107
			Nitrobenzene-d5	100	54.23	54		18	107
			2-Fluorobiphenyl	100	54.26	54		20	109
			2,4,6-Tribromophenol	150	81.37	54		10	116
			Terphenyl-d14	100	66.47	66		10	105
P4190-01MSD	TP-TMSD	BF139561.D	2-Fluorophenol	150	90.37	60		18	112
			Phenol-d6	150	94.32	63		15	107
			Nitrobenzene-d5	100	59.60	60		18	107
			2-Fluorobiphenyl	100	61.31	61		20	109
			2,4,6-Tribromophenol	150	90.85	61		10	116
			Terphenyl-d14	100	75.40	75		10	105
P4197-01	EO-01-092524	BF139568.D	2-Fluorophenol	150	90.62	60		18	112
			Phenol-d6	150	93.72	62		15	107
			Nitrobenzene-d5	100	60.31	60		18	107
			2-Fluorobiphenyl	100	65.11	65		20	109
			2,4,6-Tribromophenol	150	63.79	43		10	116
			Terphenyl-d14	100	61.41	61		10	105
P4198-01	TP2-WC-1	BF139562.D	2-Fluorophenol	150	90.33	60		18	112
			Phenol-d6	150	92.48	62		15	107
			Nitrobenzene-d5	100	60.49	60		18	107
			2-Fluorobiphenyl	100	59.52	60		20	109
			2,4,6-Tribromophenol	150	80.43	54		10	116
			Terphenyl-d14	100	65.41	65		10	105
P4198-06	TP1-WC-1	BF139563.D	2-Fluorophenol	150	102.64	68		18	112
			Phenol-d6	150	102.85	69		15	107
			Nitrobenzene-d5	100	69.51	70		18	107
			2-Fluorobiphenyl	100	70.78	71		20	109
			2,4,6-Tribromophenol	150	90.57	60		10	116
			Terphenyl-d14	100	71.92	72		10	105
P4198-11	TP1-5-WC-1	BF139564.D	2-Fluorophenol	150	82.24	55		18	112
			Phenol-d6	150	87.41	58		15	107
			Nitrobenzene-d5	100	53.12	53		18	107
			2-Fluorobiphenyl	100	53.71	54		20	109
			2,4,6-Tribromophenol	150	75.55	50		10	116
			Terphenyl-d14	100	60.83	61		10	105
P4198-16	TP3-WC-1	BF139565.D	2-Fluorophenol	150	105.32	70		18	112
			Phenol-d6	150	108.57	72		15	107
			Nitrobenzene-d5	100	64.84	65		18	107
			2-Fluorobiphenyl	100	61.11	61		20	109
			2,4,6-Tribromophenol	150	90.39	60		10	116
			Terphenyl-d14	100	73.93	74		10	105
P4198-21	TP4-WC-1	BF139567.D	2-Fluorophenol	150	88.80	59		18	112

Surrogate Summary

SW-846

SDG No.: **BF092624**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4198-21	TP4-WC-1	BF139567.D	Phenol-d6	150	91.07	61		15	107
			Nitrobenzene-d5	100	54.90	55		18	107
			2-Fluorobiphenyl	100	54.23	54		20	109
			2,4,6-Tribromophenol	150	73.99	49		10	116
			Terphenyl-d14	100	64.14	64		10	105
P4198-26	TP5-WC-1	BF139566.D	2-Fluorophenol	150	145.80	97		18	112
			Phenol-d6	150	149.15	99		15	107
			Nitrobenzene-d5	100	93.73	94		18	107
			2-Fluorobiphenyl	100	87.41	87		20	109
			2,4,6-Tribromophenol	150	126.29	84		10	116
PB163697BL	PB163697BL	BF139548.D	Terphenyl-d14	100	102.89	103		10	105
			2-Fluorophenol	150	137.74	92		18	112
			Phenol-d6	150	137.02	91		15	107
			Nitrobenzene-d5	100	90.37	90		18	107
			2-Fluorobiphenyl	100	88.41	88		20	109
PB163697BS	PB163697BS	BF139549.D	2,4,6-Tribromophenol	150	123.34	82		10	116
			Terphenyl-d14	100	98.67	99		10	105
			2-Fluorophenol	150	127.05	85		18	112
			Phenol-d6	150	125.78	84		15	107
			Nitrobenzene-d5	100	84.84	85		18	107
			2-Fluorobiphenyl	100	81.28	81		20	109
			2,4,6-Tribromophenol	150	115.74	77		10	116
			Terphenyl-d14	100	95.83	96		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF092624

Lab Code: CHEM

SAS No.: BF092624

SDG NO.: BF092624

Lab File ID: BF139546.D

DFTPP Injection Date: 09/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.7
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	40.5
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	6.6
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	87.6
443	15.0 - 24.0% of mass 442	17.3 (19.7) 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	BF139547.D	09/26/2024	14:54
PB163697BL	PB163697BL	BF139548.D	09/26/2024	15:31
PB163697BS	PB163697BS	BF139549.D	09/26/2024	15:59
PB163677BS	PB163677BS	BF139550.D	09/26/2024	16:27
PB163677BSD	PB163677BSD	BF139551.D	09/26/2024	16:56
PB163677BL	PB163677BL	BF139552.D	09/26/2024	17:25
FB-NC-SYS2	P4176-01	BF139553.D	09/26/2024	18:30
FB-1C-SYS2	P4176-02	BF139554.D	09/26/2024	18:59
FB-2C-SYS2	P4176-03	BF139555.D	09/26/2024	19:28
FB-NC-SYS1	P4176-04	BF139556.D	09/26/2024	19:57
FB-1C-SYS1	P4176-05	BF139557.D	09/26/2024	20:26
FB-2C-SYS1	P4176-06	BF139558.D	09/26/2024	20:55
TP-T	P4190-01	BF139559.D	09/26/2024	21:24
TP-TMS	P4190-01MS	BF139560.D	09/26/2024	21:52
TP-TMSD	P4190-01MSD	BF139561.D	09/26/2024	22:21
TP2-WC-1	P4198-01	BF139562.D	09/26/2024	22:50
TP1-WC-1	P4198-06	BF139563.D	09/26/2024	23:19
TP1-5-WC-1	P4198-11	BF139564.D	09/26/2024	23:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF092624

Lab Code: CHEM

SAS No.: BF092624

SDG NO.: BF092624

Lab File ID: BF139546.D

DFTPP Injection Date: 09/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 14:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47.7
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	40.5
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	6.6
275	10.0 - 60.0% of mass 198	26.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.9
442	Greater than 50% of mass 198	87.6
443	15.0 - 24.0% of mass 442	17.3 (19.7) 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
TP3-WC-1	P4198-16	BF139565.D	09/27/2024	00:16
TP5-WC-1	P4198-26	BF139566.D	09/27/2024	00:45
TP4-WC-1	P4198-21	BF139567.D	09/27/2024	01:14
EO-01-092524	P4197-01	BF139568.D	09/27/2024	01:42