

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF100224 SAS No.: BF100224 SDG No.: BF100224

Instrument ID: BNA_F Calibration Date/Time: 10/2/2024 1:09:45

Lab File ID: BF139595.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	0.794	0.755		-4.912	
Pyridine	1.213	1.193		-1.649	
2-Fluorophenol	1.154	1.114		-3.466	
Benzaldehyde	0.822	0.765		-6.934	
Aniline	1.377	1.310		-4.866	
Phenol-d6	1.552	1.492		-3.866	
Phenol	1.632	1.579		-3.248	20.0
bis(2-Chloroethyl) ether	1.329	1.217		-8.427	
2-Chlorophenol	1.236	1.200		-2.913	
1,2-Dichlorobenzene	1.320	1.263		-4.318	
1,3-Dichlorobenzene	1.391	1.337		-3.882	
1,4-Dichlorobenzene	1.409	1.344		-4.613	20.0
Benzyl Alcohol	1.186	1.148		-3.204	
2-Methylphenol	1.032	1.002		-2.907	
2,2-oxybis(1-Chloropropane)	2.300	2.226		-3.217	
Acetophenone	0.475	0.457		-3.789	
3+4-Methylphenols	1.296	1.243		-4.09	
n-Nitroso-di-n-propylamine	0.998	0.962	0.050	-3.607	
Nitrobenzene-d5	0.395	0.383		-3.038	
Hexachloroethane	0.525	0.503		-4.19	
Nitrobenzene	0.409	0.400		-2.2	
Isophorone	0.702	0.683		-2.707	
2-Nitrophenol	0.176	0.175		-0.568	20.0
2,4-Dimethylphenol	0.215	0.214		-0.465	
bis(2-Chloroethoxy) methane	0.419	0.409		-2.387	
2,4-Dichlorophenol	0.281	0.277		-1.423	20.0
1,2,4-Trichlorobenzene	0.318	0.312		-1.887	
Benzoic acid	0.214	0.225		5.14	
Naphthalene	1.023	0.994		-2.835	
4-Chloroaniline	0.346	0.333		-3.757	
Hexachlorobutadiene	0.205	0.201		-1.951	20.0
Caprolactam	0.092	0.092		0.0	
4-Chloro-3-methylphenol	0.318	0.312		-1.887	20.0
2-Methylnaphthalene	0.666	0.648		-2.703	
Hexachlorocyclopentadiene	0.170	0.175	0.050	2.941	
2,4,6-Trichlorophenol	0.374	0.361		-3.476	20.0
2-Fluorobiphenyl	1.303	1.218		-6.523	
2,4,5-Trichlorophenol	0.404	0.382		-5.446	
1,1-Biphenyl	1.488	1.410		-5.242	

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Lab File ID: BF139595.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.115	1.062		-4.753	
2-Nitroaniline	0.400	0.390		-2.5	
Dimethylphthalate	1.309	1.253		-4.278	
Acenaphthylene	1.696	1.616		-4.717	
2,6-Dinitrotoluene	0.296	0.293		-1.014	
3-Nitroaniline	0.302	0.298		-1.325	
Acenaphthene	1.164	1.105		-5.069	20.0
2,4-Dinitrophenol	0.159	0.154	0.050	-3.145	
4-Nitrophenol	0.230	0.227	0.050	-1.304	
Dibenzofuran	1.630	1.532		-6.012	
2,4-Dinitrotoluene	0.387	0.374		-3.359	
Diethylphthalate	1.352	1.306		-3.402	
4-Chlorophenyl-phenylether	0.650	0.608		-6.462	
Fluorene	1.298	1.222		-5.855	
4-Nitroaniline	0.309	0.299		-3.236	
4,6-Dinitro-2-methylphenol	0.113	0.114		0.885	
n-Nitrosodiphenylamine	0.590	0.557		-5.593	20.0
Azobenzene	1.360	1.316		-3.235	
2,4,6-Tribromophenol	0.193	0.184		-4.663	
4-Bromophenyl-phenylether	0.205	0.194		-5.366	
Hexachlorobenzene	0.228	0.218		-4.386	
Atrazine	0.158	0.129		-18.354	
Pentachlorophenol	0.135	0.135		0.0	20.0
Phenanthrene	0.943	0.902		-4.348	
Anthracene	0.933	0.884		-5.252	
Carbazole	0.896	0.862		-3.795	
Di-n-butylphthalate	1.090	1.083		-0.642	
Fluoranthene	1.031	1.011		-1.94	20.0
Benzidine	0.353	0.338		-4.249	
Pyrene	1.789	1.722		-3.745	
Terphenyl-d14	1.219	1.153		-5.414	
Butylbenzylphthalate	0.640	0.659		2.969	
3,3-Dichlorobenzidine	0.402	0.380		-5.473	
Benzo(a)anthracene	1.315	1.232		-6.312	
Chrysene	1.202	1.169		-2.745	
Bis(2-ethylhexyl)phthalate	0.799	0.852		6.633	
Di-n-octyl phthalate	1.174	1.199		2.129	20.0
Benzo(b)fluoranthene	1.293	1.211		-6.342	
Benzo(k)fluoranthene	1.097	1.096		-0.091	

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Instrument ID: BNA_F Calibration Date/Time: 10/2/2024 1:09:45

Lab File ID: BF139595.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	1.020	1.004		-1.569	20.0
Indeno(1,2,3-cd)pyrene	1.177	1.200		1.954	
Dibenzo(a,h)anthracene	0.976	0.999		2.357	
Benzo(g,h,i)perylene	0.979	1.015		3.677	
1,2,4,5-Tetrachlorobenzene	0.555	0.531		-4.324	
1,4-Dioxane	0.499	0.480		-3.808	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.318		-2.454	
1-Methylnaphthalene	0.651	0.633		-2.765	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BL	SDG No.:	BF100224
Lab Sample ID:	PB163784BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139596.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BL	SDG No.:	BF100224
Lab Sample ID:	PB163784BL	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
BF139596.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BL	SDG No.:	BF100224
Lab Sample ID:	PB163784BL	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
BF139596.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	138.123		18-112		92	SPK: -150
13127-88-3	Phenol-d6	137.589		15-107		92	SPK: -150
4165-60-0	Nitrobenzene-d5	90.982		18-107		91	SPK: -100
321-60-8	2-Fluorobiphenyl	87.786		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BL	SDG No.:	BF100224
Lab Sample ID:	PB163784BL	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
BF139596.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.555		10-116		91	SPK: -150
1718-51-0	Terphenyl-d14	81.809		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97757	6.863				
1146-65-2	Naphthalene-d8	379209	8.145				
15067-26-2	Acenaphthene-d10	224193	9.898				
1517-22-2	Phenanthrene-d10	451052	11.386				
1719-03-5	Chrysene-d12	325892	14.027				
1520-96-3	Perylene-d12	258263	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	230	J			2.228	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.104	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	150	J			17.062	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BS	SDG No.:	BF100224
Lab Sample ID:	PB163784BS	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
BF139597.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	1300		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	380		180	270	330	ug/Kg
62-53-3	Aniline	1400		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1400		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1400		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1400		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1300		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	730		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BS	SDG No.:	BF100224
Lab Sample ID:	PB163784BS	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
BF139597.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1400		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1400		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	22600		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2700		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1400		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1300		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BS	SDG No.:	BF100224
Lab Sample ID:	PB163784BS	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
BF139597.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1400		83.9	130	170	ug/Kg
120-12-7	Anthracene	1400		84.3	130	170	ug/Kg
86-74-8	Carbazole	1400		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1400		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1400		81.6	130	170	ug/Kg
92-87-5	Benzidine	1900		160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		80.6	130	170	ug/Kg
218-01-9	Chrysene	1300		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.484		18-112		78	SPK: -150
13127-88-3	Phenol-d6	115.157		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	78.209		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	75.271		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	PB163784BS	SDG No.:	BF100224
Lab Sample ID:	PB163784BS	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
BF139597.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	117.428		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	83.295		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119575	6.869				
1146-65-2	Naphthalene-d8	460286	8.151				
15067-26-2	Acenaphthene-d10	270657	9.904				
1517-22-2	Phenanthrene-d10	518410	11.392				
1719-03-5	Chrysene-d12	293993	14.033				
1520-96-3	Perylene-d12	254647	15.504				

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BL	SDG No.:	BF100224
Lab Sample ID:	PB163811BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139598.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BL	SDG No.:	BF100224
Lab Sample ID:	PB163811BL	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
BF139598.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

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

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BL	SDG No.:	BF100224
Lab Sample ID:	PB163811BL	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
BF139598.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	144.076		18-112		96	SPK: -150
13127-88-3	Phenol-d6	142.751		15-107		95	SPK: -150
4165-60-0	Nitrobenzene-d5	95.251		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	93.736		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BL	SDG No.:	BF100224
Lab Sample ID:	PB163811BL	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
BF139598.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.562		10-116		96	SPK: -150
1718-51-0	Terphenyl-d14	89.614		10-105		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93088	6.863				
1146-65-2	Naphthalene-d8	363268	8.145				
15067-26-2	Acenaphthene-d10	211278	9.898				
1517-22-2	Phenanthrene-d10	432501	11.386				
1719-03-5	Chrysene-d12	300819	14.027				
1520-96-3	Perylene-d12	234905	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	250	J			2.234	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.104	

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100224
Lab Sample ID:	PB163811BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139599.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1700		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1000		180	270	330	ug/Kg
62-53-3	Aniline	1800		96.8	130	170	ug/Kg
108-95-2	Phenol	1800		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1800		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1800		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1700		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1800		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1700		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1700		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1700		90.7	130	170	ug/Kg
78-59-1	Isophorone	1700		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1700		240	270	330	ug/Kg
91-20-3	Naphthalene	1700		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	880		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100224
Lab Sample ID:	PB163811BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139599.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1800		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1900		81	130	170	ug/Kg
Total PAH	Total PAH	29000		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1800		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.5	130	170	ug/Kg
86-73-7	Fluorene	1700		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1700		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1800		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1700		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100224
Lab Sample ID:	PB163811BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139599.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1800		83.9	130	170	ug/Kg
120-12-7	Anthracene	1800		84.3	130	170	ug/Kg
86-74-8	Carbazole	1700		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1800		81.6	130	170	ug/Kg
92-87-5	Benzidine	3600	E	160	270	330	ug/Kg
129-00-0	Pyrene	1800		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1900		80.6	130	170	ug/Kg
218-01-9	Chrysene	1700		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1900		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	152.798		18-112		102	SPK: -150
13127-88-3	Phenol-d6	153.441		15-107		102	SPK: -150
4165-60-0	Nitrobenzene-d5	103.478		18-107		103	SPK: -100
321-60-8	2-Fluorobiphenyl	102.156		20-109		102	SPK: -100

Report of Analysis

Client:		Date Collected:	10/1/2024 12:00:00 AM
Project:		Date Received:	10/1/2024 12:00:00 AM
Client Sample ID:	PB163811BS	SDG No.:	BF100224
Lab Sample ID:	PB163811BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139599.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	156.171		10-116		104	SPK: -150
1718-51-0	Terphenyl-d14	111.996	*	10-105		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92492	6.869				
1146-65-2	Naphthalene-d8	356514	8.151				
15067-26-2	Acenaphthene-d10	207013	9.904				
1517-22-2	Phenanthrene-d10	398612	11.392				
1719-03-5	Chrysene-d12	227777	14.033				
1520-96-3	Perylene-d12	194700	15.498				

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:	MANHOLE-119-KEARNY	SDG No.:	BF100224
Lab Sample ID:	P4194-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139600.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

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

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	MANHOLE-119-KEARNY	SDG No.:	BF100224
Lab Sample ID:	P4194-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139600.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

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	6.3		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:	MANHOLE-119-KEARNY	SDG No.:	BF100224
Lab Sample ID:	P4194-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139600.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	73.151		10-139		49	SPK: -150
13127-88-3	Phenol-d6	47.007		10-134		31	SPK: -150
4165-60-0	Nitrobenzene-d5	98.927		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	95.083		52-132		95	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:	MANHOLE-119-KEARNY	SDG No.:	BF100224
Lab Sample ID:	P4194-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139600.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.462		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	98.878		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96372	6.863				
1146-65-2	Naphthalene-d8	356485	8.145				
15067-26-2	Acenaphthene-d10	196275	9.898				
1517-22-2	Phenanthrene-d10	364423	11.386				
1719-03-5	Chrysene-d12	205230	14.027				
1520-96-3	Perylene-d12	178846	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	300	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.6	A			5.075	
000119-61-9	Benzophenone	3	J			10.616	
000057-10-3	n-Hexadecanoic acid	8.9	J			11.91	
000057-11-4	Octadecanoic acid	3.1	J			12.698	
959092-08-1	Pentafluoropropionic acid, pentade	4.3	J			13.88	

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:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139601.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	78	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	78	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	78	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	78	100	ug/Kg
95-57-8	2-Chlorophenol	50.1	U	50.1	78	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	78	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.6	U	51.6	78	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.9	U	51.9	78	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	78	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	78	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	78	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.9	U	47.9	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	78	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	78	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	78	100	ug/Kg
88-75-5	2-Nitrophenol	56.7	U	56.7	78	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	78	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	78	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	78	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	78	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	78	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	78	100	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	78	100	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:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139601.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	78	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	78	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	78	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	78	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	78	100	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	78	100	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	78	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	78	100	ug/Kg
208-96-8	Acenaphthylene	51.9	U	51.9	78	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	78	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	78	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	78	100	ug/Kg
Total PAH	Total PAH	794.6	U	794.6	78	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.6	U	69.6	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	78	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	78	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	78	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	78	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	78	100	ug/Kg
86-73-7	Fluorene	51.3	U	51.3	78	100	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	78	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.2	U	70.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	78	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	78	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	78	100	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	78	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	78	100	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:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139601.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.4	U	46.4	160	200	ug/Kg
85-01-8	Phenanthrene	50.4	U	50.4	78	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	78	100	ug/Kg
86-74-8	Carbazole	48.2	U	48.2	78	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	78	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	78	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	78	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	78	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	78	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	78	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.6	U	54.6	78	100	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	78	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	78	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.8	U	55.8	78	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	78	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	78	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	78	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	78	100	ug/Kg
123-91-1	1,4-Dioxane	66	U	66	78	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	78	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	0	U	18-112		0	SPK: -150
13127-88-3	Phenol-d6	0.426	*	15-107		0	SPK: -150
4165-60-0	Nitrobenzene-d5	61.343		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	66.119		20-109		66	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:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139601.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	0	U	10-116		0	SPK: -150
1718-51-0	Terphenyl-d14	54.212		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88705	6.863				
1146-65-2	Naphthalene-d8	335953	8.145				
15067-26-2	Acenaphthene-d10	168830	9.904				
1517-22-2	Phenanthrene-d10	234696	11.398				
1719-03-5	Chrysene-d12	147761	14.039				
1520-96-3	Perylene-d12	167581	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.146	
000141-79-7	3-Penten-2-one, 4-methyl-	870	A			4.457	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	11700	A			5.145	
017301-30-3	Undecane, 3,8-dimethyl-	88.5	J			9.616	
074685-33-9	3-Eicosene, (E)-	64.2	J			9.769	
	unknown9.810	110	J			9.81	
000544-76-3	Hexadecane	130	J			10.063	
1010309-12-5	Sulfurous acid, 2-propyl tetradecy	96.7	J			10.157	
	unknown10.310	110	J			10.31	
000629-92-5	Nonadecane	130	J			10.369	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	730	J			10.557	
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	430	J			10.828	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	400	J			11.298	

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-1RE	SDG No.:	BF100224
Lab Sample ID:	P4198-26RE	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
BF139602.D	1	9/26/2024 12:00:00 AM	10/2/2024 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-1RE	SDG No.:	BF100224
Lab Sample ID:	P4198-26RE	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
BF139602.D	1	9/26/2024 12:00:00 AM	10/2/2024 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-1RE	SDG No.:	BF100224
Lab Sample ID:	P4198-26RE	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
BF139602.D	1	9/26/2024 12:00:00 AM	10/2/2024 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	149.335		18-112		100	SPK: -150
13127-88-3	Phenol-d6	150.51		15-107		100	SPK: -150
4165-60-0	Nitrobenzene-d5	98.564		18-107		99	SPK: -100
321-60-8	2-Fluorobiphenyl	91.837		20-109		92	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-1RE	SDG No.:	BF100224
Lab Sample ID:	P4198-26RE	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
BF139602.D	1	9/26/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163697

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.078		10-116		95	SPK: -150
1718-51-0	Terphenyl-d14	99.107		10-105		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62067	6.863				
1146-65-2	Naphthalene-d8	231564	8.145				
15067-26-2	Acenaphthene-d10	129487	9.898				
1517-22-2	Phenanthrene-d10	241426	11.386				
1719-03-5	Chrysene-d12	139282	14.027				
1520-96-3	Perylene-d12	117372	15.492				

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.:	BF100224
Lab Sample ID:	P4190-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139603.D	1	8/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163743

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

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-T	SDG No.:	BF100224
Lab Sample ID:	P4190-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139603.D	1	8/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163743

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

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	TP-T	SDG No.:	BF100224
Lab Sample ID:	P4190-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139603.D	1	8/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130		18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.583		10-139		90	SPK: -150
13127-88-3	Phenol-d6	125.572		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	97.733		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	95.253		52-132		95	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.:	BF100224
Lab Sample ID:	P4190-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139603.D	1	8/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163743

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.872		44-137		94	SPK: -150
1718-51-0	Terphenyl-d14	105.041		48-125		105	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94894	6.863				
1146-65-2	Naphthalene-d8	361148	8.145				
15067-26-2	Acenaphthene-d10	201851	9.898				
1517-22-2	Phenanthrene-d10	381500	11.386				
1719-03-5	Chrysene-d12	211227	14.027				
1520-96-3	Perylene-d12	183261	15.498				

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:	TEST-PIT-NORTH	SDG No.:	BF100224
Lab Sample ID:	P4212-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139604.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.7	U	59.7	190	230	ug/Kg
110-86-1	Pyridine	54.9	U	54.9	89.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.6	U	66.6	89.4	120	ug/Kg
108-95-2	Phenol	57	U	57	89.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.6	U	57.6	89.4	120	ug/Kg
95-57-8	2-Chlorophenol	57.4	U	57.4	89.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.2	U	58.2	89.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.1	U	59.1	89.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.5	U	59.5	89.4	120	ug/Kg
100-51-6	Benzyl Alcohol	57.1	U	57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	55.4	U	55.4	89.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.5	U	62.5	89.4	120	ug/Kg
98-86-2	Acetophenone	59.8	U	59.8	89.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.9	U	54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.7	U	27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	57.1	U	57.1	89.4	120	ug/Kg
98-95-3	Nitrobenzene	62.4	U	62.4	89.4	120	ug/Kg
78-59-1	Isophorone	58.2	U	58.2	89.4	120	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	89.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.1	U	64.1	89.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	59	89.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.9	U	51.9	89.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.7	U	58.7	89.4	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.8	U	56.8	89.4	120	ug/Kg
106-47-8	4-Chloroaniline	56.8	U	56.8	89.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.3	U	57.3	89.4	120	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:	TEST-PIT-NORTH	SDG No.:	BF100224
Lab Sample ID:	P4212-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139604.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.7	U	59.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.3	U	53.3	89.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.7	U	56.7	89.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.1	U	49.1	89.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.9	U	50.9	89.4	120	ug/Kg
92-52-4	1,1-Biphenyl	60.1	U	60.1	89.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.3	U	57.3	89.4	120	ug/Kg
88-74-4	2-Nitroaniline	65.3	U	65.3	89.4	120	ug/Kg
131-11-3	Dimethylphthalate	56.2	U	56.2	89.4	120	ug/Kg
208-96-8	Acenaphthylene	59.5	U	59.5	89.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.2	U	57.2	89.4	120	ug/Kg
99-09-2	3-Nitroaniline	61.3	U	61.3	89.4	120	ug/Kg
83-32-9	Acenaphthene	55.8	U	55.8	89.4	120	ug/Kg
Total PAH	Total PAH	911.4	U	911.4	89.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.8	U	79.8	190	230	ug/Kg
132-64-9	Dibenzofuran	58	U	58	89.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.5	U	116.5	89.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.3	U	59.3	89.4	120	ug/Kg
84-66-2	Diethylphthalate	55.1	U	55.1	89.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.9	U	58.9	89.4	120	ug/Kg
86-73-7	Fluorene	58.8	U	58.8	89.4	120	ug/Kg
100-01-6	4-Nitroaniline	73.6	U	73.6	89.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.5	U	80.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.1	U	56.1	89.4	120	ug/Kg
103-33-3	Azobenzene	54.7	U	54.7	89.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.3	U	54.3	89.4	120	ug/Kg
118-74-1	Hexachlorobenzene	58.5	U	58.5	89.4	120	ug/Kg
1912-24-9	Atrazine	62.9	U	62.9	89.4	120	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:	TEST-PIT-NORTH	SDG No.:	BF100224
Lab Sample ID:	P4212-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139604.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.2	U	53.2	190	230	ug/Kg
85-01-8	Phenanthrene	57.8	U	57.8	89.4	120	ug/Kg
120-12-7	Anthracene	58	U	58	89.4	120	ug/Kg
86-74-8	Carbazole	55.2	U	55.2	89.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	58	U	58	89.4	120	ug/Kg
206-44-0	Fluoranthene	56.2	U	56.2	89.4	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.1	U	57.1	89.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.6	U	66.6	89.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.8	U	67.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.5	U	55.5	89.4	120	ug/Kg
218-01-9	Chrysene	54.7	U	54.7	89.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.6	U	62.6	89.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.6	U	75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.8	U	55.8	89.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.8	U	56.8	89.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	89.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.7	U	53.7	89.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.8	U	55.8	89.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.1	U	55.1	89.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.7	U	59.7	89.4	120	ug/Kg
123-91-1	1,4-Dioxane	75.6	U	75.6	89.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.4	U	51.4	89.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.2	U	57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.852		18-112		69	SPK: -150
13127-88-3	Phenol-d6	102.689		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	69.675		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	69.567		20-109		70	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:	TEST-PIT-NORTH	SDG No.:	BF100224
Lab Sample ID:	P4212-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139604.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.183		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	78.245		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92777	6.863				
1146-65-2	Naphthalene-d8	349381	8.145				
15067-26-2	Acenaphthene-d10	195780	9.898				
1517-22-2	Phenanthrene-d10	362113	11.386				
1719-03-5	Chrysene-d12	198150	14.027				
1520-96-3	Perylene-d12	178549	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2600	J			2.163	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.081	
000119-61-9	Benzophenone	300	J			10.616	
000057-10-3	n-Hexadecanoic acid	210	J			11.916	
1000406-04-8	Pentadecafluorooctanoic acid, octa	210	J			13.868	
000630-06-8	Hexatriacontane	61.4	J			14.492	

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:	TEST-PIT-NORTHMS	SDG No.:	BF100224
Lab Sample ID:	P4212-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139605.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		59.6	190	230	ug/Kg
110-86-1	Pyridine	1100		54.9	89.3	120	ug/Kg
100-52-7	Benzaldehyde	290		130	190	230	ug/Kg
62-53-3	Aniline	910		66.6	89.3	120	ug/Kg
108-95-2	Phenol	1100		56.9	89.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		57.5	89.3	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.4	89.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.1	89.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		59.1	89.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		59.4	89.3	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.4	89.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		62.4	89.3	120	ug/Kg
98-86-2	Acetophenone	1000		59.7	89.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.7	54.9	54.9	ug/Kg
67-72-1	Hexachloroethane	1000		57	89.3	120	ug/Kg
98-95-3	Nitrobenzene	1000		62.4	89.3	120	ug/Kg
78-59-1	Isophorone	1100		58.1	89.3	120	ug/Kg
88-75-5	2-Nitrophenol	1100		64.9	89.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64	89.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		58.9	89.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.9	89.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		58.7	89.3	120	ug/Kg
65-85-0	Benzoic acid	1000		160	190	230	ug/Kg
91-20-3	Naphthalene	1000		56.7	89.3	120	ug/Kg
106-47-8	4-Chloroaniline	230		56.7	89.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		57.2	89.3	120	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:	TEST-PIT-NORTHMS	SDG No.:	BF100224
Lab Sample ID:	P4212-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139605.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.2	89.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.7	89.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49	89.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.8	89.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		60	89.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.2	89.3	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.2	89.3	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56.1	89.3	120	ug/Kg
208-96-8	Acenaphthylene	1100		59.4	89.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.1	89.3	120	ug/Kg
99-09-2	3-Nitroaniline	680		61.3	89.3	120	ug/Kg
83-32-9	Acenaphthene	1200		55.7	89.3	120	ug/Kg
Total PAH	Total PAH	17600		910	89.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2300	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2200	E	79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58	89.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		116.3	89.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.2	89.3	120	ug/Kg
84-66-2	Diethylphthalate	1100		55	89.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58.8	89.3	120	ug/Kg
86-73-7	Fluorene	1000		58.7	89.3	120	ug/Kg
100-01-6	4-Nitroaniline	1100		73.5	89.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		56	89.3	120	ug/Kg
103-33-3	Azobenzene	1300		54.7	89.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		54.2	89.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		58.4	89.3	120	ug/Kg
1912-24-9	Atrazine	1300		62.8	89.3	120	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:	TEST-PIT-NORTHMS	SDG No.:	BF100224
Lab Sample ID:	P4212-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139605.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	1100		57.7	89.3	120	ug/Kg
120-12-7	Anthracene	1100		58	89.3	120	ug/Kg
86-74-8	Carbazole	1100		55.2	89.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		57.9	89.3	120	ug/Kg
206-44-0	Fluoranthene	1000		56.1	89.3	120	ug/Kg
92-87-5	Benzidine	1500		110	190	230	ug/Kg
129-00-0	Pyrene	1100		57	89.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1300		66.5	89.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730		67.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.4	89.3	120	ug/Kg
218-01-9	Chrysene	1100		54.6	89.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		62.5	89.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		55.7	89.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		56.7	89.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		63.9	89.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		53.6	89.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		55.8	89.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		55	89.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.6	89.3	120	ug/Kg
123-91-1	1,4-Dioxane	1000		75.6	89.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		51.3	89.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	990		57.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.777		18-112		63	SPK: -150
13127-88-3	Phenol-d6	95.157		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	64.71		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	65.469		20-109		65	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:	TEST-PIT-NORTHMS	SDG No.:	BF100224
Lab Sample ID:	P4212-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
Sample Wt/Vol:	50.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139605.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.71		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	74.84		10-105		75	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101481	6.863				
1146-65-2	Naphthalene-d8	387558	8.151				
15067-26-2	Acenaphthene-d10	214773	9.904				
1517-22-2	Phenanthrene-d10	405363	11.392				
1719-03-5	Chrysene-d12	210858	14.033				
1520-96-3	Perylene-d12	195170	15.498				

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:	TEST-PIT-NORTHMSD	SDG No.:	BF100224
Lab Sample ID:	P4212-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139606.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200		59.6	190	230	ug/Kg
110-86-1	Pyridine	1200		54.9	89.3	120	ug/Kg
100-52-7	Benzaldehyde	320		130	190	230	ug/Kg
62-53-3	Aniline	970		66.6	89.3	120	ug/Kg
108-95-2	Phenol	1200		57	89.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57.5	89.3	120	ug/Kg
95-57-8	2-Chlorophenol	1200		57.4	89.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.1	89.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.1	89.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		59.4	89.3	120	ug/Kg
100-51-6	Benzyl Alcohol	1200		57	190	230	ug/Kg
95-48-7	2-Methylphenol	1200		55.4	89.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		62.5	89.3	120	ug/Kg
98-86-2	Acetophenone	1200		59.7	89.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	1200		54.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1200		27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	1100		57	89.3	120	ug/Kg
98-95-3	Nitrobenzene	1100		62.4	89.3	120	ug/Kg
78-59-1	Isophorone	1200		58.1	89.3	120	ug/Kg
88-75-5	2-Nitrophenol	1200		64.9	89.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64	89.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59	89.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		51.9	89.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.7	89.3	120	ug/Kg
65-85-0	Benzoic acid	1100		160	190	230	ug/Kg
91-20-3	Naphthalene	1100		56.8	89.3	120	ug/Kg
106-47-8	4-Chloroaniline	270		56.8	89.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	1100		57.2	89.3	120	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:	TEST-PIT-NORTHMSD	SDG No.:	BF100224
Lab Sample ID:	P4212-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139606.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1200		59.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		53.3	89.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.7	89.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3700	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.1	89.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.8	89.3	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.1	89.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.2	89.3	120	ug/Kg
88-74-4	2-Nitroaniline	1200		65.3	89.3	120	ug/Kg
131-11-3	Dimethylphthalate	1200		56.1	89.3	120	ug/Kg
208-96-8	Acenaphthylene	1200		59.4	89.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.2	89.3	120	ug/Kg
99-09-2	3-Nitroaniline	730		61.3	89.3	120	ug/Kg
83-32-9	Acenaphthene	1300		55.7	89.3	120	ug/Kg
Total PAH	Total PAH	19100		910.3	89.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	2500	E	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2400	E	79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	1200		58	89.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		59.2	89.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2300		116.4	89.3	240	ug/Kg
84-66-2	Diethylphthalate	1200		55	89.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.8	89.3	120	ug/Kg
86-73-7	Fluorene	1100		58.7	89.3	120	ug/Kg
100-01-6	4-Nitroaniline	1200		73.5	89.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		56.1	89.3	120	ug/Kg
103-33-3	Azobenzene	1400		54.7	89.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		54.2	89.3	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58.4	89.3	120	ug/Kg
1912-24-9	Atrazine	1400		62.8	89.3	120	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:	TEST-PIT-NORTHMSD	SDG No.:	BF100224
Lab Sample ID:	P4212-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139606.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2100	E	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	1200		57.7	89.3	120	ug/Kg
120-12-7	Anthracene	1200		58	89.3	120	ug/Kg
86-74-8	Carbazole	1200		55.2	89.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.9	89.3	120	ug/Kg
206-44-0	Fluoranthene	1100		56.1	89.3	120	ug/Kg
92-87-5	Benzidine	1600		110	190	230	ug/Kg
129-00-0	Pyrene	1200		57	89.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	1400		66.5	89.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830		67.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55.4	89.3	120	ug/Kg
218-01-9	Chrysene	1200		54.6	89.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		62.5	89.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		55.7	89.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56.8	89.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		63.9	89.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		53.7	89.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		55.8	89.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		55	89.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.6	89.3	120	ug/Kg
123-91-1	1,4-Dioxane	1100		75.6	89.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		51.3	89.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	1100		57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	102.977		18-112		69	SPK: -150
13127-88-3	Phenol-d6	103.068		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	71.036		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	69.524		20-109		70	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:	TEST-PIT-NORTHMSD	SDG No.:	BF100224
Lab Sample ID:	P4212-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139606.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100.763		10-116		67	SPK: -150
1718-51-0	Terphenyl-d14	80.074		10-105		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92638	6.863				
1146-65-2	Naphthalene-d8	349946	8.151				
15067-26-2	Acenaphthene-d10	197793	9.904				
1517-22-2	Phenanthrene-d10	372524	11.392				
1719-03-5	Chrysene-d12	193895	14.033				
1520-96-3	Perylene-d12	180833	15.498				

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:	DRUM-2	SDG No.:	BF100224
Lab Sample ID:	P4209-02	Matrix:	Water
Analytical Method:	8270E	% 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
BF139607.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

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	2.5	2.5	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:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	DRUM-2	SDG No.:	BF100224
Lab Sample ID:	P4209-02	Matrix:	Water
Analytical Method:	8270E	% 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
BF139607.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

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:	9/26/2024 12:00:00 AM
Project:		Date Received:	9/26/2024 12:00:00 AM
Client Sample ID:	DRUM-2	SDG No.:	BF100224
Lab Sample ID:	P4209-02	Matrix:	Water
Analytical Method:	8270E	% 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
BF139607.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

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
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	70.4		10-139		47	SPK: -150
13127-88-3	Phenol-d6	45.468		10-134		30	SPK: -150
4165-60-0	Nitrobenzene-d5	92.414		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	87.596		52-132		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:	DRUM-2	SDG No.:	BF100224
Lab Sample ID:	P4209-02	Matrix:	Water
Analytical Method:	8270E	% 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
BF139607.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163732

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	138.436		44-137		92	SPK: -150
1718-51-0	Terphenyl-d14	100.129		48-125		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94995	6.863				
1146-65-2	Naphthalene-d8	357908	8.145				
15067-26-2	Acenaphthene-d10	195729	9.898				
1517-22-2	Phenanthrene-d10	366035	11.386				
1719-03-5	Chrysene-d12	205825	14.027				
1520-96-3	Perylene-d12	182466	15.492				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	270	J			2.158	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.1	A			5.075	
000119-61-9	Benzophenone	3.5	J			10.616	

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:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139608.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139608.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139608.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	43.5	J	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.318		10-139		92	SPK: -150
13127-88-3	Phenol-d6	123.518		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	101.758		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	98.002		52-132		98	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:	CONCRETE-WC-1	SDG No.:	BF100224
Lab Sample ID:	P4214-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139608.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.978		44-137		99	SPK: -150
1718-51-0	Terphenyl-d14	107.425		48-125		107	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102779	6.869				
1146-65-2	Naphthalene-d8	386330	8.145				
15067-26-2	Acenaphthene-d10	213822	9.898				
1517-22-2	Phenanthrene-d10	392143	11.386				
1719-03-5	Chrysene-d12	215468	14.021				
1520-96-3	Perylene-d12	197977	15.492				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139609.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139609.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139609.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	1500	E	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.028		10-139		90	SPK: -150
13127-88-3	Phenol-d6	124.509		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	98.391		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	93.851		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139609.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	139.598		44-137		93	SPK: -150
1718-51-0	Terphenyl-d14	104.338		48-125		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101112	6.863				
1146-65-2	Naphthalene-d8	394179	8.145				
15067-26-2	Acenaphthene-d10	218030	9.898				
1517-22-2	Phenanthrene-d10	410414	11.386				
1719-03-5	Chrysene-d12	231616	14.027				
1520-96-3	Perylene-d12	202388	15.498				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TR-04-092724	SDG No.:	BF100224
Lab Sample ID:	P4225-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139610.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	51.9	U	51.9	84.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	62.9	U	62.9	84.4	110	ug/Kg
108-95-2	Phenol	53.8	U	53.8	84.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.4	U	54.4	84.4	110	ug/Kg
95-57-8	2-Chlorophenol	54.2	U	54.2	84.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.9	U	55.9	84.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.4	110	ug/Kg
100-51-6	Benzyl Alcohol	53.9	U	53.9	180	210	ug/Kg
95-48-7	2-Methylphenol	52.4	U	52.4	84.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	84.4	110	ug/Kg
98-86-2	Acetophenone	56.4	U	56.4	84.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.8	U	51.8	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52	52	ug/Kg
67-72-1	Hexachloroethane	53.9	U	53.9	84.4	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.4	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.4	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.5	U	60.5	84.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.7	U	55.7	84.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	84.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.5	U	55.5	84.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.4	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.1	U	54.1	84.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TR-04-092724	SDG No.:	BF100224
Lab Sample ID:	P4225-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139610.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.3	U	50.3	84.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.1	U	48.1	84.4	110	ug/Kg
92-52-4	1,1-Biphenyl	56.8	U	56.8	84.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.1	U	54.1	84.4	110	ug/Kg
88-74-4	2-Nitroaniline	61.7	U	61.7	84.4	110	ug/Kg
131-11-3	Dimethylphthalate	53.1	U	53.1	84.4	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	84.4	110	ug/Kg
99-09-2	3-Nitroaniline	57.9	U	57.9	84.4	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.4	110	ug/Kg
Total PAH	Total PAH	860.7	U	860.7	84.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.3	U	75.3	180	210	ug/Kg
132-64-9	Dibenzofuran	54.8	U	54.8	84.4	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	84.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	110	U	110	84.4	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	84.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.6	U	55.6	84.4	110	ug/Kg
86-73-7	Fluorene	55.5	U	55.5	84.4	110	ug/Kg
100-01-6	4-Nitroaniline	69.5	U	69.5	84.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53	U	53	84.4	110	ug/Kg
103-33-3	Azobenzene	51.7	U	51.7	84.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.2	U	51.2	84.4	110	ug/Kg
118-74-1	Hexachlorobenzene	55.2	U	55.2	84.4	110	ug/Kg
1912-24-9	Atrazine	59.4	U	59.4	84.4	110	ug/Kg



Client:			Date Collected:	9/27/2024 12:00:00 AM		
Project:			Date Received:	9/27/2024 12:00:00 AM		
Client Sample ID:	TR-04-092724		SDG No.:	BF100224		
Lab Sample ID:	P4225-01		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	7.7		
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
BF139610.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.2	U	50.2	180	210	ug/Kg
85-01-8	Phenanthrene	54.6	U	54.6	84.4	110	ug/Kg
120-12-7	Anthracene	54.8	U	54.8	84.4	110	ug/Kg
86-74-8	Carbazole	52.2	U	52.2	84.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	84.4	110	ug/Kg
206-44-0	Fluoranthene	53.1	U	53.1	84.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	53.9	U	53.9	84.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.9	U	62.9	84.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.4	U	52.4	84.4	110	ug/Kg
218-01-9	Chrysene	51.6	U	51.6	84.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	84.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.4	U	71.4	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.7	U	52.7	84.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.7	U	53.7	84.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.4	U	60.4	84.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.7	U	50.7	84.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.7	U	52.7	84.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	84.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.4	110	ug/Kg
123-91-1	1,4-Dioxane	71.4	U	71.4	84.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.5	U	48.5	84.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	27.419		18-112		18	SPK: -150
13127-88-3	Phenol-d6	36.398		15-107		24	SPK: -150
4165-60-0	Nitrobenzene-d5	22.612		18-107		23	SPK: -100
321-60-8	2-Fluorobiphenyl	38.029		20-109		38	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TR-04-092724	SDG No.:	BF100224
Lab Sample ID:	P4225-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139610.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.161		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	44.27		10-105		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93708	6.863				
1146-65-2	Naphthalene-d8	348778	8.145				
15067-26-2	Acenaphthene-d10	181052	9.898				
1517-22-2	Phenanthrene-d10	282837	11.386				
1719-03-5	Chrysene-d12	175197	14.027				
1520-96-3	Perylene-d12	167932	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			10.61	
000057-10-3	n-Hexadecanoic acid	120	J			11.91	
1000130-97-9	E-15-Heptadecenal	87	J			13.874	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	EO-02-093024	SDG No.:	BF100224
Lab Sample ID:	P4234-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF139611.D	2	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	430	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	240	U	240	350	430	ug/Kg
62-53-3	Aniline	130	U	130	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	430	ug/Kg
95-48-7	2-Methylphenol	110	U	110	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	52.8	U	52.8	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	99	U	99	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	310	U	310	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	EO-02-093024	SDG No.:	BF100224
Lab Sample ID:	P4234-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF139611.D	2	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	93.6	U	93.6	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97	U	97	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	9240	U	1740	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	J	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	EO-02-093024	SDG No.:	BF100224
Lab Sample ID:	P4234-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF139611.D	2	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	U	100	350	430	ug/Kg
85-01-8	Phenanthrene	970		110	170	220	ug/Kg
120-12-7	Anthracene	260		110	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	1600		110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	430	ug/Kg
129-00-0	Pyrene	1200		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	980		110	170	220	ug/Kg
218-01-9	Chrysene	810		100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	410		110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	920		120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	110	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450		100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	97.9	U	97.9	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.194		18-112		48	SPK: -150
13127-88-3	Phenol-d6	69.338		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	47.508		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	52.476		20-109		52	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	EO-02-093024	SDG No.:	BF100224
Lab Sample ID:	P4234-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF139611.D	2	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	53.196		10-116		35	SPK: -150
1718-51-0	Terphenyl-d14	39.838		10-105		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104964	6.863				
1146-65-2	Naphthalene-d8	378018	8.145				
15067-26-2	Acenaphthene-d10	186331	9.898				
1517-22-2	Phenanthrene-d10	274958	11.386				
1719-03-5	Chrysene-d12	195209	14.027				
1520-96-3	Perylene-d12	165501	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.122	
000119-61-9	Benzophenone	120	J			10.61	
000613-12-7	Anthracene, 2-methyl-	160	J			11.886	
002531-84-2	Phenanthrene, 2-methyl-	310	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	400	J			11.998	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	96.1	J			12.186	
000781-43-1	9,10-Dimethylanthracene	110	J			12.439	
	unknown12.475	180	J			12.475	
002381-21-7	Pyrene, 1-methyl-	100	J			13.045	
000243-17-4	11H-Benzo[b]fluorene	170	J			13.157	
003442-78-2	Pyrene, 2-methyl-	110	J			13.263	
000192-97-2	Benzo[e]pyrene	450	J			15.374	

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100224
Lab Sample ID:	P4232-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139612.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100224
Lab Sample ID:	P4232-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139612.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100224
Lab Sample ID:	P4232-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139612.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	200		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.375		10-139		91	SPK: -150
13127-88-3	Phenol-d6	121.044		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	102.52		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	105.13		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP-R	SDG No.:	BF100224
Lab Sample ID:	P4232-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139612.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.109		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	83.088		48-125		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89042	6.869				
1146-65-2	Naphthalene-d8	326063	8.145				
15067-26-2	Acenaphthene-d10	164800	9.904				
1517-22-2	Phenanthrene-d10	256701	11.386				
1719-03-5	Chrysene-d12	169615	14.027				
1520-96-3	Perylene-d12	147569	15.498				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100224
Lab Sample ID:	P4236-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139613.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100224
Lab Sample ID:	P4236-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139613.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

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

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100224
Lab Sample ID:	P4236-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139613.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	23.9	J	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.423		10-139		95	SPK: -150
13127-88-3	Phenol-d6	126.87		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	105.465		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	108.296		52-132		108	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	TP4	SDG No.:	BF100224
Lab Sample ID:	P4236-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139613.D	1	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	134.886		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	87.313		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85306	6.869				
1146-65-2	Naphthalene-d8	311108	8.145				
15067-26-2	Acenaphthene-d10	156673	9.898				
1517-22-2	Phenanthrene-d10	247770	11.386				
1719-03-5	Chrysene-d12	162950	14.027				
1520-96-3	Perylene-d12	142205	15.498				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139614.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.6	U	59.6	190	230	ug/Kg
110-86-1	Pyridine	54.9	U	54.9	89.3	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.6	U	66.6	89.3	120	ug/Kg
108-95-2	Phenol	57	U	57	89.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.5	U	57.5	89.3	120	ug/Kg
95-57-8	2-Chlorophenol	57.4	U	57.4	89.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.1	U	58.1	89.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.1	U	59.1	89.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.4	U	59.4	89.3	120	ug/Kg
100-51-6	Benzyl Alcohol	57	U	57	190	230	ug/Kg
95-48-7	2-Methylphenol	55.4	U	55.4	89.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.4	U	62.4	89.3	120	ug/Kg
98-86-2	Acetophenone	59.7	U	59.7	89.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.8	U	54.8	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.7	U	27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	57	U	57	89.3	120	ug/Kg
98-95-3	Nitrobenzene	62.4	U	62.4	89.3	120	ug/Kg
78-59-1	Isophorone	58.1	U	58.1	89.3	120	ug/Kg
88-75-5	2-Nitrophenol	64.9	U	64.9	89.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	89.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.9	U	58.9	89.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.9	U	51.9	89.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.7	U	58.7	89.3	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.7	U	56.7	89.3	120	ug/Kg
106-47-8	4-Chloroaniline	56.7	U	56.7	89.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.2	U	57.2	89.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139614.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.6	U	59.6	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.2	U	53.2	89.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.7	U	56.7	89.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.1	U	49.1	89.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.8	U	50.8	89.3	120	ug/Kg
92-52-4	1,1-Biphenyl	60	U	60	89.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.2	U	57.2	89.3	120	ug/Kg
88-74-4	2-Nitroaniline	65.3	U	65.3	89.3	120	ug/Kg
131-11-3	Dimethylphthalate	56.1	U	56.1	89.3	120	ug/Kg
208-96-8	Acenaphthylene	59.4	U	59.4	89.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.2	U	57.2	89.3	120	ug/Kg
99-09-2	3-Nitroaniline	61.3	U	61.3	89.3	120	ug/Kg
83-32-9	Acenaphthene	55.7	U	55.7	89.3	120	ug/Kg
Total PAH	Total PAH	910.1	U	910.1	89.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.7	U	79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	58	U	58	89.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.4	U	116.4	89.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.2	U	59.2	89.3	120	ug/Kg
84-66-2	Diethylphthalate	55	U	55	89.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.8	U	58.8	89.3	120	ug/Kg
86-73-7	Fluorene	58.7	U	58.7	89.3	120	ug/Kg
100-01-6	4-Nitroaniline	73.5	U	73.5	89.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.4	U	80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.1	U	56.1	89.3	120	ug/Kg
103-33-3	Azobenzene	54.7	U	54.7	89.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.2	U	54.2	89.3	120	ug/Kg
118-74-1	Hexachlorobenzene	58.4	U	58.4	89.3	120	ug/Kg
1912-24-9	Atrazine	62.8	U	62.8	89.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139614.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.1	U	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	57.7	U	57.7	89.3	120	ug/Kg
120-12-7	Anthracene	58	U	58	89.3	120	ug/Kg
86-74-8	Carbazole	55.2	U	55.2	89.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.9	U	57.9	89.3	120	ug/Kg
206-44-0	Fluoranthene	56.1	U	56.1	89.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57	U	57	89.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.5	U	66.5	89.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.7	U	67.7	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.4	U	55.4	89.3	120	ug/Kg
218-01-9	Chrysene	54.6	U	54.6	89.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.5	U	62.5	89.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.6	U	75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.7	U	55.7	89.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	U	56.7	89.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.9	U	63.9	89.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.7	U	53.7	89.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.8	U	55.8	89.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	89.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.6	U	59.6	89.3	120	ug/Kg
123-91-1	1,4-Dioxane	75.6	U	75.6	89.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.3	U	51.3	89.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.2	U	57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.881		18-112		87	SPK: -150
13127-88-3	Phenol-d6	129.382		15-107		86	SPK: -150
4165-60-0	Nitrobenzene-d5	89.006		18-107		89	SPK: -100
321-60-8	2-Fluorobiphenyl	90.061		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF100224
Lab Sample ID:	P4222-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139614.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.339		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	68.303		10-105		68	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78650	6.863				
1146-65-2	Naphthalene-d8	290106	8.145				
15067-26-2	Acenaphthene-d10	146605	9.898				
1517-22-2	Phenanthrene-d10	226313	11.386				
1719-03-5	Chrysene-d12	152436	14.027				
1520-96-3	Perylene-d12	138257	15.498				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2800	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			5.087	
000119-61-9	Benzophenone	210	J			10.616	
000057-10-3	n-Hexadecanoic acid	300	J			11.91	
000057-11-4	Octadecanoic acid	61.1	J			12.698	
1000351-81-2	Hexacosyl pentafluoropropionate	130	J			13.874	
1000163-04-7	Docosa-2,6,10,14,18-pentaen-22-al,	48.8	J			14.874	

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BF100224
Lab Sample ID:	P4222-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139615.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		59.7	190	230	ug/Kg
110-86-1	Pyridine	1100		54.9	89.4	120	ug/Kg
100-52-7	Benzaldehyde	290		130	190	230	ug/Kg
62-53-3	Aniline	780		66.6	89.4	120	ug/Kg
108-95-2	Phenol	1100		57	89.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1000		57.6	89.4	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.4	89.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.2	89.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.1	89.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		59.5	89.4	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.4	89.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		62.5	89.4	120	ug/Kg
98-86-2	Acetophenone	1100		59.8	89.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	1000		57.1	89.4	120	ug/Kg
98-95-3	Nitrobenzene	1000		62.4	89.4	120	ug/Kg
78-59-1	Isophorone	1100		58.2	89.4	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65	89.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		64.1	89.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59	89.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.9	89.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		58.7	89.4	120	ug/Kg
65-85-0	Benzoic acid	940		160	190	230	ug/Kg
91-20-3	Naphthalene	1100		56.8	89.4	120	ug/Kg
106-47-8	4-Chloroaniline	180		56.8	89.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		57.3	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BF100224
Lab Sample ID:	P4222-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139615.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		53.3	89.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1000		56.7	89.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		49.1	89.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.9	89.4	120	ug/Kg
92-52-4	1,1-Biphenyl	1100		60.1	89.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.3	89.4	120	ug/Kg
88-74-4	2-Nitroaniline	1100		65.3	89.4	120	ug/Kg
131-11-3	Dimethylphthalate	1100		56.2	89.4	120	ug/Kg
208-96-8	Acenaphthylene	1200		59.5	89.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.2	89.4	120	ug/Kg
99-09-2	3-Nitroaniline	580		61.3	89.4	120	ug/Kg
83-32-9	Acenaphthene	1100		55.8	89.4	120	ug/Kg
Total PAH	Total PAH	17050		911.4	89.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	980		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1900	E	79.8	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58	89.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		59.3	89.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		116.5	89.4	240	ug/Kg
84-66-2	Diethylphthalate	1100		55.1	89.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		58.9	89.4	120	ug/Kg
86-73-7	Fluorene	1000		58.8	89.4	120	ug/Kg
100-01-6	4-Nitroaniline	870		73.6	89.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	620		80.5	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		56.1	89.4	120	ug/Kg
103-33-3	Azobenzene	1100		54.7	89.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		54.3	89.4	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58.5	89.4	120	ug/Kg
1912-24-9	Atrazine	1400		62.9	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BF100224
Lab Sample ID:	P4222-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139615.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1900	E	53.2	190	230	ug/Kg
85-01-8	Phenanthrene	1100		57.8	89.4	120	ug/Kg
120-12-7	Anthracene	1200		58	89.4	120	ug/Kg
86-74-8	Carbazole	1100		55.2	89.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1100		58	89.4	120	ug/Kg
206-44-0	Fluoranthene	1000		56.2	89.4	120	ug/Kg
92-87-5	Benzidine	1900	E	110	190	230	ug/Kg
129-00-0	Pyrene	930		57.1	89.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		66.6	89.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		67.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1100		55.5	89.4	120	ug/Kg
218-01-9	Chrysene	1100		54.7	89.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62.6	89.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		55.8	89.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56.8	89.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1200		64	89.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		53.7	89.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	950		55.8	89.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	820		55.1	89.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		59.7	89.4	120	ug/Kg
123-91-1	1,4-Dioxane	1000		75.6	89.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		51.4	89.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	970		57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.98		18-112		73	SPK: -150
13127-88-3	Phenol-d6	108.697		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	73.41		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	74.046		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MS	SDG No.:	BF100224
Lab Sample ID:	P4222-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139615.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.155		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	57.644		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89868	6.869				
1146-65-2	Naphthalene-d8	338986	8.151				
15067-26-2	Acenaphthene-d10	171882	9.904				
1517-22-2	Phenanthrene-d10	269474	11.392				
1719-03-5	Chrysene-d12	171902	14.033				
1520-96-3	Perylene-d12	155896	15.498				

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BF100224
Lab Sample ID:	P4222-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139616.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		59.7	190	230	ug/Kg
110-86-1	Pyridine	1100		54.9	89.4	120	ug/Kg
100-52-7	Benzaldehyde	290		130	190	230	ug/Kg
62-53-3	Aniline	820		66.6	89.4	120	ug/Kg
108-95-2	Phenol	1100		57	89.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		57.5	89.4	120	ug/Kg
95-57-8	2-Chlorophenol	1100		57.4	89.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1100		58.2	89.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1100		59.1	89.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1100		59.5	89.4	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		57.1	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		55.4	89.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		62.5	89.4	120	ug/Kg
98-86-2	Acetophenone	1100		59.7	89.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	1100		54.9	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		27.7	55	55	ug/Kg
67-72-1	Hexachloroethane	1000		57.1	89.4	120	ug/Kg
98-95-3	Nitrobenzene	1100		62.4	89.4	120	ug/Kg
78-59-1	Isophorone	1100		58.2	89.4	120	ug/Kg
88-75-5	2-Nitrophenol	1100		65	89.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		64.1	89.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		59	89.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.9	89.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1100		58.7	89.4	120	ug/Kg
65-85-0	Benzoic acid	960		160	190	230	ug/Kg
91-20-3	Naphthalene	1100		56.8	89.4	120	ug/Kg
106-47-8	4-Chloroaniline	190		56.8	89.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		57.3	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BF100224
Lab Sample ID:	P4222-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139616.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		59.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		53.3	89.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	1100		56.7	89.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		49.1	89.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		50.9	89.4	120	ug/Kg
92-52-4	1,1-Biphenyl	1200		60.1	89.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		57.3	89.4	120	ug/Kg
88-74-4	2-Nitroaniline	1200		65.3	89.4	120	ug/Kg
131-11-3	Dimethylphthalate	1200		56.2	89.4	120	ug/Kg
208-96-8	Acenaphthylene	1200		59.5	89.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		57.2	89.4	120	ug/Kg
99-09-2	3-Nitroaniline	620		61.3	89.4	120	ug/Kg
83-32-9	Acenaphthene	1100		55.7	89.4	120	ug/Kg
Total PAH	Total PAH	17700		910.9	89.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1000		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	2000	E	79.7	190	230	ug/Kg
132-64-9	Dibenzofuran	1100		58	89.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2200		116.5	89.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		59.3	89.4	120	ug/Kg
84-66-2	Diethylphthalate	1100		55.1	89.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58.8	89.4	120	ug/Kg
86-73-7	Fluorene	1000		58.8	89.4	120	ug/Kg
100-01-6	4-Nitroaniline	880		73.6	89.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	700		80.4	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		56.1	89.4	120	ug/Kg
103-33-3	Azobenzene	1200		54.7	89.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		54.2	89.4	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		58.4	89.4	120	ug/Kg
1912-24-9	Atrazine	1500		62.8	89.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BF100224
Lab Sample ID:	P4222-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139616.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	53.1	190	230	ug/Kg
85-01-8	Phenanthrene	1200		57.7	89.4	120	ug/Kg
120-12-7	Anthracene	1200		58	89.4	120	ug/Kg
86-74-8	Carbazole	1100		55.2	89.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57.9	89.4	120	ug/Kg
206-44-0	Fluoranthene	1100		56.2	89.4	120	ug/Kg
92-87-5	Benzidine	2000	E	110	190	230	ug/Kg
129-00-0	Pyrene	950		57.1	89.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	1100		66.5	89.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		67.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55.5	89.4	120	ug/Kg
218-01-9	Chrysene	1200		54.6	89.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		62.6	89.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		75.6	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55.7	89.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		56.8	89.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	1300		63.9	89.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960		53.7	89.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		55.8	89.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	830		55.1	89.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		59.7	89.4	120	ug/Kg
123-91-1	1,4-Dioxane	1000		75.6	89.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		51.3	89.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	1000		57.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.97		18-112		74	SPK: -150
13127-88-3	Phenol-d6	110.824		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	76.365		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	78.117		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	TP-5MSD	SDG No.:	BF100224
Lab Sample ID:	P4222-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.8
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
BF139616.D	1	9/30/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163784

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.702		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	59.76		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88261	6.869				
1146-65-2	Naphthalene-d8	325399	8.151				
15067-26-2	Acenaphthene-d10	163866	9.904				
1517-22-2	Phenanthrene-d10	252396	11.392				
1719-03-5	Chrysene-d12	163545	14.033				
1520-96-3	Perylene-d12	150135	15.498				

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RT5376	SDG No.:	BF100224
Lab Sample ID:	P4235-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139617.D	5	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	260	U	260	810	990	ug/Kg
110-86-1	Pyridine	240	U	240	390	510	ug/Kg
100-52-7	Benzaldehyde	550	U	550	810	990	ug/Kg
62-53-3	Aniline	290	U	290	390	510	ug/Kg
108-95-2	Phenol	250	U	250	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	250	U	250	390	510	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	260	U	260	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	390	510	ug/Kg
100-51-6	Benzyl Alcohol	250	U	250	810	990	ug/Kg
95-48-7	2-Methylphenol	240	U	240	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270	U	270	390	510	ug/Kg
98-86-2	Acetophenone	260	U	260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	240	U	240	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	120	U	120	240	240	ug/Kg
67-72-1	Hexachloroethane	250	U	250	390	510	ug/Kg
98-95-3	Nitrobenzene	270	U	270	390	510	ug/Kg
78-59-1	Isophorone	250	U	250	390	510	ug/Kg
88-75-5	2-Nitrophenol	280	U	280	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	260	U	260	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	260	U	260	390	510	ug/Kg
65-85-0	Benzoic acid	710	U	710	810	990	ug/Kg
91-20-3	Naphthalene	250	U	250	390	510	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RT5376	SDG No.:	BF100224
Lab Sample ID:	P4235-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139617.D	5	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	260	U	260	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	230	U	230	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	250	U	250	390	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	220	U	220	390	510	ug/Kg
92-52-4	1,1-Biphenyl	260	U	260	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	390	510	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	390	510	ug/Kg
208-96-8	Acenaphthylene	260	U	260	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	390	510	ug/Kg
99-09-2	3-Nitroaniline	270	U	270	390	510	ug/Kg
83-32-9	Acenaphthene	240	U	240	390	510	ug/Kg
Total PAH	Total PAH	15650	U	3960	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	730	U	730	810	990	ug/Kg
100-02-7	4-Nitrophenol	350	U	350	810	990	ug/Kg
132-64-9	Dibenzofuran	250	U	250	390	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	U	260	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	510	U	510	390	1020	ug/Kg
84-66-2	Diethylphthalate	240	U	240	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	390	510	ug/Kg
86-73-7	Fluorene	260	U	260	390	510	ug/Kg
100-01-6	4-Nitroaniline	320	U	320	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	350	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	240	U	240	390	510	ug/Kg
103-33-3	Azobenzene	240	U	240	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	240	U	240	390	510	ug/Kg
118-74-1	Hexachlorobenzene	250	U	250	390	510	ug/Kg
1912-24-9	Atrazine	270	U	270	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RT5376	SDG No.:	BF100224
Lab Sample ID:	P4235-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139617.D	5	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	230	U	230	810	990	ug/Kg
85-01-8	Phenanthrene	1400		250	390	510	ug/Kg
120-12-7	Anthracene	350	J	250	390	510	ug/Kg
86-74-8	Carbazole	240	U	240	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	390	510	ug/Kg
206-44-0	Fluoranthene	2700		240	390	510	ug/Kg
92-87-5	Benzidine	490	U	490	810	990	ug/Kg
129-00-0	Pyrene	1800		250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	U	300	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	2000		240	390	510	ug/Kg
218-01-9	Chrysene	1700		240	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		250	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	1600		280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	600		230	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	U	240	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	610		240	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	390	510	ug/Kg
123-91-1	1,4-Dioxane	330	U	330	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	220	U	220	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.675		18-112		67	SPK: -150
13127-88-3	Phenol-d6	111.81		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	76.49		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	88.675		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/30/2024 12:00:00 AM
Project:		Date Received:	9/30/2024 12:00:00 AM
Client Sample ID:	RT5376	SDG No.:	BF100224
Lab Sample ID:	P4235-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF139617.D	5	10/1/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163811

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.04		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	71.265		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83651	6.863				
1146-65-2	Naphthalene-d8	305538	8.145				
15067-26-2	Acenaphthene-d10	153488	9.898				
1517-22-2	Phenanthrene-d10	233606	11.386				
1719-03-5	Chrysene-d12	163139	14.027				
1520-96-3	Perylene-d12	151334	15.498				

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:	TEST-PIT-SOUTH	SDG No.:	BF100224
Lab Sample ID:	P4212-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139618.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.4	U	56.4	180	210	ug/Kg
110-86-1	Pyridine	51.9	U	51.9	84.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	62.9	U	62.9	84.4	110	ug/Kg
108-95-2	Phenol	53.8	U	53.8	84.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.4	U	54.4	84.4	110	ug/Kg
95-57-8	2-Chlorophenol	54.2	U	54.2	84.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55	U	55	84.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.9	U	55.9	84.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.2	U	56.2	84.4	110	ug/Kg
100-51-6	Benzyl Alcohol	53.9	U	53.9	180	210	ug/Kg
95-48-7	2-Methylphenol	52.4	U	52.4	84.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	84.4	110	ug/Kg
98-86-2	Acetophenone	56.4	U	56.4	84.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.8	U	51.8	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52	52	ug/Kg
67-72-1	Hexachloroethane	53.9	U	53.9	84.4	110	ug/Kg
98-95-3	Nitrobenzene	59	U	59	84.4	110	ug/Kg
78-59-1	Isophorone	55	U	55	84.4	110	ug/Kg
88-75-5	2-Nitrophenol	61.4	U	61.4	84.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.5	U	60.5	84.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.7	U	55.7	84.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	84.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.5	U	55.5	84.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	84.4	110	ug/Kg
106-47-8	4-Chloroaniline	53.7	U	53.7	84.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.1	U	54.1	84.4	110	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:	TEST-PIT-SOUTH	SDG No.:	BF100224
Lab Sample ID:	P4212-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139618.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.4	U	56.4	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.3	U	50.3	84.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.6	U	53.6	84.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.4	U	46.4	84.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.1	U	48.1	84.4	110	ug/Kg
92-52-4	1,1-Biphenyl	56.8	U	56.8	84.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.1	U	54.1	84.4	110	ug/Kg
88-74-4	2-Nitroaniline	61.7	U	61.7	84.4	110	ug/Kg
131-11-3	Dimethylphthalate	53.1	U	53.1	84.4	110	ug/Kg
208-96-8	Acenaphthylene	56.2	U	56.2	84.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	84.4	110	ug/Kg
99-09-2	3-Nitroaniline	57.9	U	57.9	84.4	110	ug/Kg
83-32-9	Acenaphthene	52.7	U	52.7	84.4	110	ug/Kg
Total PAH	Total PAH	3690		860.7	84.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.3	U	75.3	180	210	ug/Kg
132-64-9	Dibenzofuran	54.8	U	54.8	84.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10	U	110	84.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	84.4	110	ug/Kg
84-66-2	Diethylphthalate	52	U	52	84.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.6	U	55.6	84.4	110	ug/Kg
86-73-7	Fluorene	55.5	U	55.5	84.4	110	ug/Kg
100-01-6	4-Nitroaniline	69.5	U	69.5	84.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76	U	76	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53	U	53	84.4	110	ug/Kg
103-33-3	Azobenzene	51.7	U	51.7	84.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.2	U	51.2	84.4	110	ug/Kg
118-74-1	Hexachlorobenzene	55.2	U	55.2	84.4	110	ug/Kg
1912-24-9	Atrazine	59.4	U	59.4	84.4	110	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:	TEST-PIT-SOUTH	SDG No.:	BF100224
Lab Sample ID:	P4212-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139618.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.2	U	50.2	180	210	ug/Kg
85-01-8	Phenanthrene	550		54.6	84.4	110	ug/Kg
120-12-7	Anthracene	140		54.8	84.4	110	ug/Kg
86-74-8	Carbazole	72.7	J	52.2	84.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.8	U	54.8	84.4	110	ug/Kg
206-44-0	Fluoranthene	700		53.1	84.4	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	500		53.9	84.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.9	U	62.9	84.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	360		52.4	84.4	110	ug/Kg
218-01-9	Chrysene	290		51.6	84.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.1	U	59.1	84.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.4	U	71.4	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		52.7	84.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	170		53.7	84.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	330		60.4	84.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140		50.7	84.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.7	U	52.7	84.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150		52	84.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.4	U	56.4	84.4	110	ug/Kg
123-91-1	1,4-Dioxane	71.4	U	71.4	84.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.5	U	48.5	84.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.798		18-112		55	SPK: -150
13127-88-3	Phenol-d6	80.383		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	56.155		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	57.157		20-109		57	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:	TEST-PIT-SOUTH	SDG No.:	BF100224
Lab Sample ID:	P4212-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF139618.D	1	9/27/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163737

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.79		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	41.904		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92465	6.863				
1146-65-2	Naphthalene-d8	338447	8.145				
15067-26-2	Acenaphthene-d10	166078	9.898				
1517-22-2	Phenanthrene-d10	248361	11.386				
1719-03-5	Chrysene-d12	173843	14.027				
1520-96-3	Perylene-d12	157974	15.504				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.151	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.081	
000119-61-9	Benzophenone	190	J			10.61	
002531-84-2	Phenanthrene, 2-methyl-	230	J			11.916	
000203-64-5	4H-Cyclopenta[def]phenanthrene	96.6	J			11.998	
000192-97-2	Benzo[e]pyrene	160	J			15.374	

Hit Summary Sheet SW-846

SDG No.: BF100224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-T								
P4190-04	TP-T	water	Pentachlorophenol	130.000		18.5	100	ug/L
			Total Svoc :			130.00		
			Total Concentration:			130.00		
Client ID : MANHOLE-119-KEARNY								
P4194-01	MANHOLE-119-KEARN	Water	2-Pentanone, 4-hydroxy-4-methyl *	3.600	A			
P4194-01	MANHOLE-119-KEARN	Water	Benzophenone *	3.000	J			
P4194-01	MANHOLE-119-KEARN	Water	Butane, 2-methoxy-2-methyl- *	300.000	J			
P4194-01	MANHOLE-119-KEARN	Water	n-Hexadecanoic acid *	8.900	J			
P4194-01	MANHOLE-119-KEARN	Water	Octadecanoic acid *	3.100	J			
P4194-01	MANHOLE-119-KEARN	Water	Pentafluoropropionic acid, pentad *	4.300	J			
			Total Tics :			322.90		
P4194-01	MANHOLE-119-KEARN	Water	Acenaphthene	6.300		0.81	5	ug/L
			Total Svoc :			6.30		
			Total Concentration:			329.20		
Client ID : DRUM-2								
P4209-02	DRUM-2	Water	2-Pentanone, 4-hydroxy-4-methyl *	4.100	A			
P4209-02	DRUM-2	Water	Benzophenone *	3.500	J			
P4209-02	DRUM-2	Water	Butane, 2-methoxy-2-methyl- *	270.000	J			
			Total Tics :			277.60		
			Total Concentration:			277.60		
Client ID : TEST-PIT-NORTH								
P4212-01	TEST-PIT-NORTH	Solid	2-Pentanone, 4-hydroxy-4-methyl *	190.000	A			
P4212-01	TEST-PIT-NORTH	Solid	Benzophenone *	300.000	J			
P4212-01	TEST-PIT-NORTH	Solid	Butane, 2-methoxy-2-methyl- *	2,600.000	J			
P4212-01	TEST-PIT-NORTH	Solid	Hexatriacontane *	61.400	J			
P4212-01	TEST-PIT-NORTH	Solid	n-Hexadecanoic acid *	210.000	J			
P4212-01	TEST-PIT-NORTH	Solid	Pentadecafluorooctanoic acid, oct *	210.000	J			
			Total Tics :			3,571.40		
			Total Concentration:			3,571.40		
Client ID : TEST-PIT-SOUTH								
P4212-03	TEST-PIT-SOUTH	Solid	2-Pentanone, 4-hydroxy-4-methyl *	110.000	A			
P4212-03	TEST-PIT-SOUTH	Solid	4H-Cyclopenta[def]phenanthrene *	96.600	J			
P4212-03	TEST-PIT-SOUTH	Solid	Benzo[e]pyrene *	160.000	J			
P4212-03	TEST-PIT-SOUTH	Solid	Benzophenone *	190.000	J			
P4212-03	TEST-PIT-SOUTH	Solid	Butane, 2-methoxy-2-methyl- *	2,000.000	J			
P4212-03	TEST-PIT-SOUTH	Solid	Phenanthrene, 2-methyl- *	230.000	J			

Hit Summary Sheet SW-846

SDG No.: BF100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				2,786.60				
P4212-03	TEST-PIT-SOUTH	Solid	Anthracene	140.000		54.8	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Benzo(a)anthracene	360.000		52.4	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Benzo(a)pyrene	330.000		60.4	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Benzo(b)fluoranthene	360.000		52.7	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Benzo(g,h,i)perylene	150.000		52	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Benzo(k)fluoranthene	170.000		53.7	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Carbazole	72.700	J	52.2	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Chrysene	290.000		51.6	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Fluoranthene	700.000		53.1	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Indeno(1,2,3-cd)pyrene	140.000		50.7	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Phenanthrene	550.000		54.6	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Pyrene	500.000		53.9	110	ug/Kg
P4212-03	TEST-PIT-SOUTH	Solid	Total PAH	3,690.000		860.7	1760	ug/Kg
Total Svoc :				7,452.70				
Total Concentration:				10,239.30				
Client ID : CONCRETE-WC-1								
P4214-01	CONCRETE-WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	11,700.000	A			
P4214-01	CONCRETE-WC-1	Solid	3-Eicosene, (E)- *	64.200	J			
P4214-01	CONCRETE-WC-1	Solid	3-Penten-2-one, 4-methyl- *	870.000	A			
P4214-01	CONCRETE-WC-1	Solid	Butane, 2-methoxy-2-methyl- *	1,900.000	J			
P4214-01	CONCRETE-WC-1	Solid	Hexadecane *	130.000	J			
P4214-01	CONCRETE-WC-1	Solid	Hexadecane, 2,6,10,14-tetramethy *	400.000	J			
P4214-01	CONCRETE-WC-1	Solid	Nonadecane *	130.000	J			
P4214-01	CONCRETE-WC-1	Solid	Pentadecane, 2,6,10,14-tetramethy *	430.000	J			
P4214-01	CONCRETE-WC-1	Solid	Pentadecane, 2,6,10-trimethyl- *	730.000	J			
P4214-01	CONCRETE-WC-1	Solid	Sulfurous acid, 2-propyl tetradecy *	96.700	J			
P4214-01	CONCRETE-WC-1	Solid	Undecane, 3,8-dimethyl- *	88.500	J			
P4214-01	CONCRETE-WC-1	Solid	unknown10.310 *	110.000	J			
P4214-01	CONCRETE-WC-1	Solid	unknown9.810 *	110.000	J			
Total Tics :				16,759.40				
Total Concentration:				16,759.40				
Client ID : CONCRETE-WC-1								
P4214-02	CONCRETE-WC-1	water	Pentachlorophenol	43.500	J	18.5	100	ug/L
Total Svoc :				43.50				
Total Concentration:				43.50				
Client ID : TP-5								
P4222-01	TP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	170.000	A			
P4222-01	TP-5	Solid	Benzophenone *	210.000	J			

Hit Summary Sheet SW-846

SDG No.: BF100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4222-01	TP-5	Solid	Butane, 2-methoxy-2-methyl-	*	2,800.000	J		
P4222-01	TP-5	Solid	Docosa-2,6,10,14,18-pentaen-22-ic	*	48.800	J		
P4222-01	TP-5	Solid	Hexacosyl pentafluoropropionate	*	130.000	J		
P4222-01	TP-5	Solid	n-Hexadecanoic acid	*	300.000	J		
P4222-01	TP-5	Solid	Octadecanoic acid	*	61.100	J		
Total Tics :					3,719.90			
Total Concentration:					3,719.90			
Client ID : TP-5								
P4222-04	TP-5	water	Benzidine		1,500.000	E 40.7	100	ug/L
Total Svoc :					1,500.00			
Total Concentration:					1,500.00			
Client ID : TR-04-092724								
P4225-01	TR-04-092724	Solid	Benzophenone	*	160.000	J		
P4225-01	TR-04-092724	Solid	E-15-Heptadecenal	*	87.000	J		
P4225-01	TR-04-092724	Solid	n-Hexadecanoic acid	*	120.000	J		
Total Tics :					367.00			
Total Concentration:					367.00			
Client ID : TP-R								
P4232-04	TP-R	water	Benzidine		200.000	40.7	100	ug/L
Total Svoc :					200.00			
Total Concentration:					200.00			
Client ID : EO-02-093024								
P4234-01	EO-02-093024	Solid	11H-Benzo[b]fluorene	*	170.000	J		
P4234-01	EO-02-093024	Solid	4H-Cyclopenta[def]phenanthrene	*	400.000	J		
P4234-01	EO-02-093024	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	96.100	J		
P4234-01	EO-02-093024	Solid	9,10-Dimethylanthracene	*	110.000	J		
P4234-01	EO-02-093024	Solid	Anthracene, 2-methyl-	*	160.000	J		
P4234-01	EO-02-093024	Solid	Benzo[e]pyrene	*	450.000	J		
P4234-01	EO-02-093024	Solid	Benzophenone	*	120.000	J		
P4234-01	EO-02-093024	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P4234-01	EO-02-093024	Solid	Phenanthrene, 2-methyl-	*	310.000	J		
P4234-01	EO-02-093024	Solid	Pyrene, 1-methyl-	*	100.000	J		
P4234-01	EO-02-093024	Solid	Pyrene, 2-methyl-	*	110.000	J		
P4234-01	EO-02-093024	Solid	unknown12.475	*	180.000	J		
Total Tics :					3,506.10			
P4234-01	EO-02-093024	Solid	Anthracene		260.000	110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Benzo(a)anthracene		980.000	110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Benzo(a)pyrene		920.000	120	220	ug/Kg
P4234-01	EO-02-093024	Solid	Benzo(b)fluoranthene		1,000.000	110	220	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4234-01	EO-02-093024	Solid	Benzo(g,h,i)perylene	450.000		100	220	ug/Kg
P4234-01	EO-02-093024	Solid	Benzo(k)fluoranthene	410.000		110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Chrysene	810.000		100	220	ug/Kg
P4234-01	EO-02-093024	Solid	Dibenzo(a,h)anthracene	120.000	J	110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Fluoranthene	1,600.000		110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Fluorene	110.000	J	110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Indeno(1,2,3-cd)pyrene	410.000		100	220	ug/Kg
P4234-01	EO-02-093024	Solid	Phenanthrene	970.000		110	220	ug/Kg
P4234-01	EO-02-093024	Solid	Pyrene	1,200.000		110	220	ug/Kg

Total Svoc : 9,240.00

Total Concentration: 12,746.10

Client ID : RT5376

P4235-01	RT5376	Solid	Anthracene	350.000	J	250	510	ug/Kg
P4235-01	RT5376	Solid	Benzo(a)anthracene	2,000.000		240	510	ug/Kg
P4235-01	RT5376	Solid	Benzo(a)pyrene	1,600.000		280	510	ug/Kg
P4235-01	RT5376	Solid	Benzo(b)fluoranthene	2,100.000		240	510	ug/Kg
P4235-01	RT5376	Solid	Benzo(g,h,i)perylene	610.000		240	510	ug/Kg
P4235-01	RT5376	Solid	Benzo(k)fluoranthene	790.000		250	510	ug/Kg
P4235-01	RT5376	Solid	Chrysene	1,700.000		240	510	ug/Kg
P4235-01	RT5376	Solid	Fluoranthene	2,700.000		240	510	ug/Kg
P4235-01	RT5376	Solid	Indeno(1,2,3-cd)pyrene	600.000		230	510	ug/Kg
P4235-01	RT5376	Solid	Phenanthrene	1,400.000		250	510	ug/Kg
P4235-01	RT5376	Solid	Pyrene	1,800.000		250	510	ug/Kg

Total Svoc : 15,650.00

Total Concentration: 15,650.00

Client ID : TP4

P4236-04	TP4	water	Pentachlorophenol	23.900	J	18.5	100	ug/L
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Total Svoc : 23.90

Total Concentration: 23.90



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100124

SAS No.: BF100124

SDG No.: BF100124

Instrument ID: _____

Calibration Date(s): 10/1/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.820	0.790	0.797	0.783	0.784	0.794	1.7
Pyridine		1.305	1.304	1.277	1.163	1.155	1.213	6.6
2-Fluorophenol		1.285	1.218	1.191	1.113	1.096	1.154	6.8
Benzaldehyde		1.008	1.014	0.926	0.787	0.727	0.822	19.7
Aniline		1.562	1.492	1.462	1.276	1.243	1.377	10.6
Phenol-d6		1.719	1.638	1.599	1.490	1.482	1.552	6.5
Phenol		1.798	1.748	1.691	1.602	1.548	1.632	7.3
bis(2-Chloroethyl)ether		1.356	1.331	1.264	1.258	1.236	1.329	9.4
2-Chlorophenol		1.326	1.337	1.289	1.191	1.180	1.236	6.4
1,2-Dichlorobenzene		1.469	1.429	1.393	1.278	1.256	1.320	8.3
1,3-Dichlorobenzene		1.527	1.477	1.450	1.346	1.330	1.391	6.8
1,4-Dichlorobenzene		1.592	1.510	1.451	1.348	1.341	1.409	8.0
Benzyl Alcohol		1.239	1.244	1.233	1.170	1.144	1.186	4.6
2-Methylphenol		1.105	1.073	1.068	1.010	0.992	1.032	4.8
2,2-oxybis(1-Chloropropane)		2.573	2.446	2.391	2.225	2.186	2.300	7.6
Acetophenone		0.530	0.505	0.494	0.451	0.447	0.475	7.4
3+4-Methylphenols		1.439	1.405	1.363	1.257	1.226	1.296	8.2
n-Nitroso-di-n-propylamine	1.024	1.073	1.066	1.030	0.959	0.932	0.998	5.8
Nitrobenzene-d5		0.420	0.411	0.406	0.382	0.382	0.395	4.4
Hexachloroethane		0.553	0.548	0.550	0.511	0.511	0.525	4.7
Nitrobenzene		0.427	0.424	0.421	0.397	0.391	0.409	3.6
Isophorone		0.766	0.728	0.713	0.675	0.662	0.702	5.2
2-Nitrophenol		0.174	0.172	0.181	0.178	0.175	0.176	2.0
2,4-Dimethylphenol		0.228	0.224	0.218	0.206	0.209	0.215	4.1
bis(2-Chloroethoxy)methane		0.459	0.438	0.433	0.403	0.401	0.419	5.9
2,4-Dichlorophenol		0.300	0.295	0.293	0.275	0.266	0.281	5.4
1,2,4-Trichlorobenzene		0.344	0.336	0.329	0.307	0.301	0.318	5.9
Benzoic acid		0.159	0.187	0.220	0.224	0.227	0.214	14.3
Naphthalene		1.144	1.090	1.074	0.982	0.962	1.023	7.8
4-Chloroaniline		0.382	0.367	0.361	0.340	0.330	0.346	7.2
Hexachlorobutadiene		0.223	0.216	0.216	0.197	0.198	0.205	6.1
Caprolactam		0.098	0.099	0.093	0.088	0.088	0.092	5.5
4-Chloro-3-methylphenol		0.345	0.335	0.331	0.303	0.300	0.318	5.9
2-Methylnaphthalene		0.764	0.718	0.694	0.639	0.620	0.666	9.1
Hexachlorocyclopentadiene		0.120	0.148	0.173	0.184	0.191	0.170	15.8
2,4,6-Trichlorophenol		0.395	0.383	0.391	0.366	0.362	0.374	4.3

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.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D		RRF005 = BF139585.D		RRF010 = BF139586.D		
		RRF020 = BF139587.D		RRF040 = BF139588.D		RRF050 = BF139589.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.547	1.443	1.373	1.228	1.203	1.303	11.8
2,4,5-Trichlorophenol		0.433	0.429	0.412	0.390	0.389	0.404	5.3
1,1-Biphenyl		1.680	1.619	1.556	1.416	1.400	1.488	8.7
2-Chloronaphthalene		1.225	1.193	1.156	1.074	1.067	1.115	6.8
2-Nitroaniline		0.401	0.400	0.409	0.394	0.397	0.400	1.4
Dimethylphthalate		1.471	1.387	1.342	1.249	1.249	1.309	7.2
Acenaphthylene		1.889	1.832	1.784	1.632	1.615	1.696	8.2
2,6-Dinitrotoluene		0.313	0.310	0.304	0.288	0.285	0.296	4.6
3-Nitroaniline		0.326	0.319	0.314	0.293	0.291	0.302	5.8
Acenaphthene		1.279	1.237	1.207	1.126	1.115	1.164	6.7
2,4-Dinitrophenol		0.122	0.136	0.164	0.164	0.176	0.159	13.5
4-Nitrophenol		0.230	0.233	0.237	0.228	0.231	0.230	2.7
Dibenzofuran		1.882	1.800	1.713	1.553	1.526	1.630	10.4
2,4-Dinitrotoluene		0.408	0.416	0.406	0.380	0.377	0.387	6.3
Diethylphthalate		1.530	1.451	1.397	1.289	1.290	1.352	8.2
4-Chlorophenyl-phenylether		0.750	0.728	0.689	0.607	0.604	0.650	11.1
Fluorene		1.524	1.436	1.358	1.222	1.212	1.298	11.0
4-Nitroaniline		0.340	0.326	0.323	0.298	0.298	0.309	6.8
4,6-Dinitro-2-methylphenol		0.095	0.105	0.114	0.120	0.116	0.113	8.7
n-Nitrosodiphenylamine		0.653	0.623	0.609	0.568	0.559	0.590	6.7
Azobenzene		1.509	1.451	1.415	1.313	1.296	1.360	7.2
2,4,6-Tribromophenol		0.212	0.208	0.200	0.187	0.182	0.193	7.1
4-Bromophenyl-phenylether		0.225	0.219	0.211	0.198	0.193	0.205	6.5
Hexachlorobenzene		0.251	0.238	0.233	0.220	0.215	0.228	6.1
Atrazine		0.189	0.185	0.164	0.132	0.121	0.158	19.4
Pentachlorophenol		0.127	0.132	0.139	0.140	0.135	0.135	3.9
Phenanthrene		1.071	1.024	0.976	0.904	0.883	0.943	8.9
Anthracene		1.078	0.987	0.978	0.896	0.875	0.933	9.1
Carbazole		1.013	0.968	0.946	0.867	0.852	0.896	9.2
Di-n-butylphthalate		1.194	1.155	1.143	1.069	1.042	1.090	7.1
Fluoranthene		1.217	1.139	1.111	0.993	0.958	1.031	12.3
Benzidine		0.478	0.458	0.335	0.346	0.240	0.353	26.4
Pyrene		1.799	1.737	1.801	1.817	1.746	1.789	2.6
Terphenyl-d14		1.296	1.236	1.228	1.209	1.176	1.219	4.0
Butylbenzylphthalate		0.624	0.609	0.645	0.649	0.646	0.640	3.1
3,3-Dichlorobenzidine		0.440	0.421	0.414	0.395	0.370	0.402	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF100124 SAS No.: BF100124 SDG No.: BF100124
Instrument ID: _____ Calibration Date(s): 10/1/2024 : _____
Calibration Time(s): 14:05 _____

LAB FILE ID:		RRF2.5 = BF139584.D			RRF005 = BF139585.D		RRF010 = BF139586.D	
		RRF020 = BF139587.D			RRF040 = BF139588.D		RRF050 = BF139589.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.476	1.348	1.331	1.252	1.274	1.315	6.3
Chrysene		1.330	1.242	1.254	1.189	1.116	1.202	6.5
Bis(2-ethylhexyl)phthalate		0.748	0.746	0.796	0.816	0.813	0.799	4.8
Di-n-octyl phthalate		1.038	1.032	1.127	1.189	1.201	1.174	9.9
Benzo(b)fluoranthene		1.541	1.415	1.347	1.153	1.261	1.293	11.6
Benzo(k)fluoranthene		1.122	1.177	1.191	1.126	0.998	1.097	7.0
Benzo(a)pyrene		1.076	1.060	1.042	0.992	0.996	1.020	3.8
Indeno(1,2,3-cd)pyrene		1.021	1.065	1.202	1.210	1.220	1.177	8.1
Dibenzo(a,h)anthracene		0.850	0.898	0.988	1.008	1.014	0.976	7.6
Benzo(g,h,i)perylene		0.833	0.865	0.993	1.020	1.015	0.979	9.5
1,2,4,5-Tetrachlorobenzene		0.601	0.594	0.586	0.536	0.528	0.555	6.7
1,4-Dioxane		0.523	0.523	0.509	0.485	0.488	0.499	3.9
2,3,4,6-Tetrachlorophenol		0.358	0.338	0.339	0.315	0.314	0.326	6.1
1-Methylnaphthalene		0.739	0.708	0.677	0.624	0.610	0.651	8.9

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.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 10:14

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	114444	6.869	436939	8.15	248727	9.91
	UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
	LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
	EPA SAMPLE NO.						
01	PB163784BL	97757	6.86	379209	8.15	224193	9.90
02	PB163784BS	119575	6.87	460286	8.15	270657	9.90
03	PB163811BL	93088	6.86	363268	8.15	211278	9.90
04	PB163811BS	92492	6.87	356514	8.15	207013	9.90
05	MANHOLE-119-KEARNY	96372	6.86	356485	8.15	196275	9.90
06	CONCRETE-WC-1	88705	6.86	335953	8.15	168830	9.90
07	TP5-WC-1RE	62067	6.86	231564	8.15	129487	9.90
08	TP-T	94894	6.86	361148	8.15	201851	9.90
09	TEST-PIT-NORTH	92777	6.86	349381	8.15	195780	9.90
10	TEST-PIT-NORTHMS	101481	6.86	387558	8.15	214773	9.90
11	TEST-PIT-NORTHMSD	92638	6.86	349946	8.15	197793	9.90
12	DRUM-2	94995	6.86	357908	8.15	195729	9.90
13	CONCRETE-WC-1	102779	6.87	386330	8.15	213822	9.90
14	TP-5	101112	6.86	394179	8.15	218030	9.90
15	TR-04-092724	93708	6.86	348778	8.15	181052	9.90
16	EO-02-093024	104964	6.86	378018	8.15	186331	9.90
17	TP-R	89042	6.87	326063	8.15	164800	9.90
18	TP4	85306	6.87	311108	8.15	156673	9.90
19	TP-5	78650	6.86	290106	8.15	146605	9.90
20	TP-5MS	89868	6.87	338986	8.15	171882	9.90
21	TP-5MSD	88261	6.87	325399	8.15	163866	9.90
22	RT5376	83651	6.86	305538	8.15	153488	9.90
23	TEST-PIT-SOUTH	92465	6.86	338447	8.15	166078	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 20:38

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	114444	6.869	436939	8.15	248727	9.91
UPPER LIMIT	228888	7.369	873878	8.651	497454	10.41
LOWER LIMIT	57222	6.369	218469.5	7.651	124363.5	9.41
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.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139595.D Time Analyzed: 10:14

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	112435	6.869	423716	8.15	247632	9.90
	UPPER LIMIT	224870	7.369	847432	8.651	495264	10.404
	LOWER LIMIT	56217.5	6.369	211858	7.651	123816	9.404
	EPA SAMPLE NO.						
01	PB163784BL	97757	6.86	379209	8.15	224193	9.90
02	PB163784BS	119575	6.87	460286	8.15	270657	9.90
03	PB163811BL	93088	6.86	363268	8.15	211278	9.90
04	PB163811BS	92492	6.87	356514	8.15	207013	9.90
05	MANHOLE-119-KEARNY	96372	6.86	356485	8.15	196275	9.90
06	CONCRETE-WC-1	88705	6.86	335953	8.15	168830	9.90
07	TP5-WC-1RE	62067	6.86	231564	8.15	129487	9.90
08	TP-T	94894	6.86	361148	8.15	201851	9.90
09	TEST-PIT-NORTH	92777	6.86	349381	8.15	195780	9.90
10	TEST-PIT-NORTHMS	101481	6.86	387558	8.15	214773	9.90
11	TEST-PIT-NORTHMSD	92638	6.86	349946	8.15	197793	9.90
12	DRUM-2	94995	6.86	357908	8.15	195729	9.90
13	CONCRETE-WC-1	102779	6.87	386330	8.15	213822	9.90
14	TP-5	101112	6.86	394179	8.15	218030	9.90
15	TR-04-092724	93708	6.86	348778	8.15	181052	9.90
16	EO-02-093024	104964	6.86	378018	8.15	186331	9.90
17	TP-R	89042	6.87	326063	8.15	164800	9.90
18	TP4	85306	6.87	311108	8.15	156673	9.90
19	TP-5	78650	6.86	290106	8.15	146605	9.90
20	TP-5MS	89868	6.87	338986	8.15	171882	9.90
21	TP-5MSD	88261	6.87	325399	8.15	163866	9.90
22	RT5376	83651	6.86	305538	8.15	153488	9.90
23	TEST-PIT-SOUTH	92465	6.86	338447	8.15	166078	9.90

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139595.D Time Analyzed: 20:38

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	112435	6.869	423716	8.15	247632	9.90
UPPER LIMIT	224870	7.369	847432	8.651	495264	10.404
LOWER LIMIT	56217.5	6.369	211858	7.651	123816	9.404
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.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 10:14

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	459579	11.392	251487	14.033	218952	15.504
	UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
	LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
	EPA SAMPLE NO.						
01	PB163784BL	451052	11.39	325892	14.03	258263	15.50
02	PB163784BS	518410	11.39	293993	14.03	254647	15.50
03	PB163811BL	432501	11.39	300819	14.03	234905	15.50
04	PB163811BS	398612	11.39	227777	14.03	194700	15.50
05	MANHOLE-119-KEARNY	364423	11.39	205230	14.03	178846	15.50
06	CONCRETE-WC-1	234696	11.40	147761	14.04	167581	15.50
07	TP5-WC-1RE	241426	11.39	139282	14.03	117372	15.49
08	TP-T	381500	11.39	211227	14.03	183261	15.50
09	TEST-PIT-NORTH	362113	11.39	198150	14.03	178549	15.50
10	TEST-PIT-NORTHMS	405363	11.39	210858	14.03	195170	15.50
11	TEST-PIT-NORTHMSD	372524	11.39	193895	14.03	180833	15.50
12	DRUM-2	366035	11.39	205825	14.03	182466	15.49
13	CONCRETE-WC-1	392143	11.39	215468	14.02	197977	15.49
14	TP-5	410414	11.39	231616	14.03	202388	15.50
15	TR-04-092724	282837	11.39	175197	14.03	167932	15.50
16	EO-02-093024	274958	11.39	195209	14.03	165501	15.50
17	TP-R	256701	11.39	169615	14.03	147569	15.50
18	TP4	247770	11.39	162950	14.03	142205	15.50
19	TP-5	226313 *	11.39	152436	14.03	138257	15.50
20	TP-5MS	269474	11.39	171902	14.03	155896	15.50
21	TP-5MSD	252396	11.39	163545	14.03	150135	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139588.D Time Analyzed: 20:10

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	459579	11.392	251487	14.033	218952	15.504
UPPER LIMIT	919158	11.892	502974	14.533	437904	16.004
LOWER LIMIT	229789.5	10.892	125743.5	13.533	109476	15.004
EPA SAMPLE NO.						
22 RT5376	233606	11.39	163139	14.03	151334	15.50
23 TEST-PIT-SOUTH	248361	11.39	173843	14.03	157974	15.50

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.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139595.D Time Analyzed: 10:14

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	465531	11.392	278306	14.033	228711	15.498
	UPPER LIMIT	931062	11.892	556612	14.533	457422	15.998
	LOWER LIMIT	232765.5	10.892	139153	13.533	114355.5	14.998
	EPA SAMPLE NO.						
01	PB163784BL	451052	11.39	325892	14.03	258263	15.50
02	PB163784BS	518410	11.39	293993	14.03	254647	15.50
03	PB163811BL	432501	11.39	300819	14.03	234905	15.50
04	PB163811BS	398612	11.39	227777	14.03	194700	15.50
05	MANHOLE-119-KEARNY	364423	11.39	205230	14.03	178846	15.50
06	CONCRETE-WC-1	234696	11.40	147761	14.04	167581	15.50
07	TP5-WC-1RE	241426	11.39	139282	14.03	117372	15.49
08	TP-T	381500	11.39	211227	14.03	183261	15.50
09	TEST-PIT-NORTH	362113	11.39	198150	14.03	178549	15.50
10	TEST-PIT-NORTHMS	405363	11.39	210858	14.03	195170	15.50
11	TEST-PIT-NORTHMSD	372524	11.39	193895	14.03	180833	15.50
12	DRUM-2	366035	11.39	205825	14.03	182466	15.49
13	CONCRETE-WC-1	392143	11.39	215468	14.02	197977	15.49
14	TP-5	410414	11.39	231616	14.03	202388	15.50
15	TR-04-092724	282837	11.39	175197	14.03	167932	15.50
16	EO-02-093024	274958	11.39	195209	14.03	165501	15.50
17	TP-R	256701	11.39	169615	14.03	147569	15.50
18	TP4	247770	11.39	162950	14.03	142205	15.50
19	TP-5	226313 *	11.39	152436	14.03	138257	15.50
20	TP-5MS	269474	11.39	171902	14.03	155896	15.50
21	TP-5MSD	252396	11.39	163545	14.03	150135	15.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF100224 SAS No.: BF100224 SDG NO.: BF100224

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BF139595.D Time Analyzed: 20:10

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	465531	11.392	278306	14.033	228711	15.498
UPPER LIMIT	931062	11.892	556612	14.533	457422	15.998
LOWER LIMIT	232765.5	10.892	139153	13.533	114355.5	14.998
EPA SAMPLE NO.						
22 RT5376	233606	11.39	163139	14.03	151334	15.50
23 TEST-PIT-SOUTH	248361	11.39	173843	14.03	157974	15.50

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.: **BF100224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163784BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103		
	Pyridine	1700	1300	ug/Kg	76				28	98		
	Benzaldehyde	1700	380	ug/Kg	22				10	133		
	Aniline	1700	1400	ug/Kg	82				38	100		
	Phenol	1700	1400	ug/Kg	82				62	112		
	bis(2-Chloroethyl)ether	1700	1300	ug/Kg	76				60	101		
	2-Chlorophenol	1700	1400	ug/Kg	82				65	112		
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102		
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99		
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100		
	Benzyl Alcohol	1700	1400	ug/Kg	82				42	116		
	2-Methylphenol	1700	1400	ug/Kg	82				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100		
	Acetophenone	1700	1400	ug/Kg	82				66	98		
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111		
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95		
	Hexachloroethane	1700	1300	ug/Kg	76				72	108		
	Nitrobenzene	1700	1300	ug/Kg	76				57	101		
	Isophorone	1700	1400	ug/Kg	82				59	99		
	2-Nitrophenol	1700	1400	ug/Kg	82				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141		
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				66	97		
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107		
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110		
	Benzoic acid	1700	1400	ug/Kg	82				10	140		
	Naphthalene	1700	1300	ug/Kg	76				62	100		
	4-Chloroaniline	1700	730	ug/Kg	43				16	100		
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98		
	Caprolactam	1700	1400	ug/Kg	82				67	110		
	4-Chloro-3-methylphenol	1700	1400	ug/Kg	82				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	5200	ug/Kg	158				45	165		
	2,4,6-Trichlorophenol	1700	1400	ug/Kg	82				59	102		
	2,4,5-Trichlorophenol	1700	1300	ug/Kg	76				61	98		
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103		
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99		
	2-Nitroaniline	1700	1400	ug/Kg	82				66	101		
	Dimethylphthalate	1700	1400	ug/Kg	82				61	99		
	Acenaphthylene	1700	1400	ug/Kg	82				63	101		
	2,6-Dinitrotoluene	1700	1300	ug/Kg	76				61	104		
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100		
	Acenaphthene	1700	1500	ug/Kg	88				57	104		
	Total PAH	27200	22600	ug/Kg	83				57	104		
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163784BS	4-Nitrophenol	3300	2900	ug/Kg	88				48	119		
	Dibenzofuran	1700	1400	ug/Kg	82				63	99		
	2,4-Dinitrotoluene	1700	1400	ug/Kg	82				60	106		
	2,4-Dinitrotoluene/2,6-Dinitro	3400	2700	ug/Kg	79				60	106		
	Diethylphthalate	1700	1400	ug/Kg	82				60	101		
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98		
	Fluorene	1700	1300	ug/Kg	76				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113		
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99		
	Azobenzene	1700	1400	ug/Kg	82				54	103		
	4-Bromophenyl-phenylether	1700	1300	ug/Kg	76				66	102		
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98		
	Atrazine	1700	1700	ug/Kg	100				47	152		
	Pentachlorophenol	3300	2600	ug/Kg	79				67	105		
	Phenanthrene	1700	1400	ug/Kg	82				59	103		
	Anthracene	1700	1400	ug/Kg	82				61	105		
	Carbazole	1700	1400	ug/Kg	82				61	99		
	Di-n-butylphthalate	1700	1400	ug/Kg	82				58	104		
	Fluoranthene	1700	1400	ug/Kg	82				57	107		
	Benzidine	3300	1900	ug/Kg	58				10	98		
	Pyrene	1700	1400	ug/Kg	82				59	103		
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102		
	Chrysene	1700	1300	ug/Kg	76				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135		
	Di-n-octyl phthalate	1700	1500	ug/Kg	88				52	137		
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				62	109		
	Benzo(k)fluoranthene	1700	1500	ug/Kg	88				62	109		
	Benzo(a)pyrene	1700	1500	ug/Kg	88				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101		
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1400	ug/Kg	82				59	108		
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163811BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1700	ug/Kg	100		*		28	98	
	Benzaldehyde	1700	1000	ug/Kg	59				10	133	
	Aniline	1700	1800	ug/Kg	106		*		38	100	
	Phenol	1700	1800	ug/Kg	106				62	112	
	bis(2-Chloroethyl)ether	1700	1700	ug/Kg	100				60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1700	ug/Kg	100				51	102	
	1,3-Dichlorobenzene	1700	1700	ug/Kg	100		*		52	99	
	1,4-Dichlorobenzene	1700	1700	ug/Kg	100				52	100	
	Benzyl Alcohol	1700	1800	ug/Kg	106				42	116	
	2-Methylphenol	1700	1800	ug/Kg	106				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1800	ug/Kg	106		*		51	100	
	Acetophenone	1700	1700	ug/Kg	100		*		66	98	
	3+4-Methylphenols	1700	1800	ug/Kg	106				58	111	
	N-Nitroso-di-n-propylamine	1700	1700	ug/Kg	100		*		63	95	
	Hexachloroethane	1700	1700	ug/Kg	100				72	108	
	Nitrobenzene	1700	1700	ug/Kg	100				57	101	
	Isophorone	1700	1700	ug/Kg	100		*		59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	2200	ug/Kg	129				46	141	
	bis(2-Chloroethoxy)methane	1700	1700	ug/Kg	100		*		66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1700	ug/Kg	100				10	140	
	Naphthalene	1700	1700	ug/Kg	100				62	100	
	4-Chloroaniline	1700	880	ug/Kg	52				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1800	ug/Kg	106				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	6700	ug/Kg	203		*		45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1800	ug/Kg	106		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1900	ug/Kg	112		*		57	104	
	Total PAH	27200	29000	ug/Kg	107		*		57	104	
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB163811BS	4-Nitrophenol	3300	3600	ug/Kg	109				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3500	ug/Kg	103				60	106	
	Diethylphthalate	1700	1800	ug/Kg	106		*		60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1700	ug/Kg	100				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1700	ug/Kg	100		*		71	99	
	Azobenzene	1700	1800	ug/Kg	106		*		54	103	
	4-Bromophenyl-phenylether	1700	1700	ug/Kg	100				66	102	
	Hexachlorobenzene	1700	1700	ug/Kg	100		*		64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1800	ug/Kg	106		*		59	103	
	Anthracene	1700	1800	ug/Kg	106		*		61	105	
	Carbazole	1700	1700	ug/Kg	100		*		61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1800	ug/Kg	106				57	107	
	Benzidine	3300	3600	ug/Kg	109		*		10	98	
	Pyrene	1700	1800	ug/Kg	106		*		59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1900	ug/Kg	112		*		60	102	
	Chrysene	1700	1700	ug/Kg	100				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(a)pyrene	1700	1900	ug/Kg	112		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1900	ug/Kg	112		*		63	101	
	Dibenz(a,h)anthracene	1700	2000	ug/Kg	118		*		61	112	
	Benzo(g,h,i)perylene	1700	1800	ug/Kg	106				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1700	ug/Kg	100				53	101	
	1,4-Dioxane	1700	1500	ug/Kg	88				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MANHOLE-119-KEARNY

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100224

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139600.D

Lab Sample ID: P4194-01

Instrument ID: BNA_F

Date Extracted: 09/27/2024

Matrix: (soil/water) Water

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 12:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MANHOLE-119-KEARNY	P4194-01	BF139600.D	10/02/2024
DRUM-2	P4209-02	BF139607.D	10/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TEST-PIT-SOUTH

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100224

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139618.D

Lab Sample ID: P4212-03

Instrument ID: BNA_F

Date Extracted: 09/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 20:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TEST-PIT-SOUTH	P4212-03	BF139618.D	10/02/2024
CONCRETE-WC-1	P4214-01	BF139601.D	10/02/2024
TEST-PIT-NORTH	P4212-01	BF139604.D	10/02/2024
TEST-PIT-NORTHMS	P4212-01MS	BF139605.D	10/02/2024
TEST-PIT-NORTHMSD	P4212-01MSD	BF139606.D	10/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-T

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100224

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139603.D

Lab Sample ID: P4190-04

Instrument ID: BNA_F

Date Extracted: 08/27/2024

Matrix: (soil/water) water

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 13:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-T	P4190-04	BF139603.D	10/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163784BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100224

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139596.D

Lab Sample ID: PB163784BL

Instrument ID: BNA_F

Date Extracted: 09/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 10:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163784BS	PB163784BS	BF139597.D	10/02/2024
TR-04-092724	P4225-01	BF139610.D	10/02/2024
TP-5	P4222-01	BF139614.D	10/02/2024
TP-5MS	P4222-01MS	BF139615.D	10/02/2024
TP-5MSD	P4222-01MSD	BF139616.D	10/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163811BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100224

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139598.D

Lab Sample ID: PB163811BL

Instrument ID: BNA_F

Date Extracted: 10/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 11:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163811BS	PB163811BS	BF139599.D	10/02/2024
RT5376	P4235-01	BF139617.D	10/02/2024
EO-02-093024	P4234-01	BF139611.D	10/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-R

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF100224

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139612.D

Lab Sample ID: P4232-04

Instrument ID: BNA_F

Date Extracted: 10/01/2024

Matrix: (soil/water) water

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 17:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-R	P4232-04	BF139612.D	10/02/2024
TP4	P4236-04	BF139613.D	10/02/2024
CONCRETE-WC-1	P4214-02	BF139608.D	10/02/2024
TP-5	P4222-04	BF139609.D	10/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4212-01MS		Client Sample ID: TEST-PIT-NORTHMS		DataFile: BF139605.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		290	ug/Kg	26				10	86	
Aniline	1100		910	ug/Kg	83				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				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		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				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		1100	ug/Kg	100				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		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				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		1000	ug/Kg	91				50	104	
Naphthalene	1100		1000	ug/Kg	91				72	110	
4-Chloroaniline	1100		230	ug/Kg	21				10	91	
Hexachlorobutadiene	1100		990	ug/Kg	90				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		1100	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	2300		3500	ug/Kg	152				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		1000	ug/Kg	91				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		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		1100	ug/Kg	100				70	125	
3-Nitroaniline	1100		680	ug/Kg	62				30	99	
Acenaphthene	1100		1200	ug/Kg	109				70	121	
Total PAH	17600		17600	ug/Kg	100				70	121	
2,4-Dinitrophenol	2300		2300	ug/Kg	100				10	155	
4-Nitrophenol	2300		2200	ug/Kg	96				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				10	160	
N-Nitrosodiphenylamine	1100		1100	ug/Kg	100				73	118	
Azobenzene	1100		1300	ug/Kg	118	*			73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1300	ug/Kg	118				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1100		1100	ug/Kg	100				52	128	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		1000	ug/Kg	91				44	125	
Benzydine	2300		1500	ug/Kg	65				10	119	
Pyrene	1100		1100	ug/Kg	100				26	142	
Butylbenzylphthalate	1100		1300	ug/Kg	118				64	126	
3,3-Dichlorobenzidine	1100		730	ug/Kg	66				33	116	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1400	ug/Kg	127				42	169	
Di-n-octyl phthalate	1100		1400	ug/Kg	127				23	175	
Benzo(b)fluoranthene	1100		1000	ug/Kg	91				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				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		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				69	112	
1-Methylnaphthalene	1100		990	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4212-01MSD		Client Sample ID: TEST-PIT-NORTHMSD		DataFile: BF139606.D							
n-Nitrosodimethylamine	1100		1200	ug/Kg	109		9		66	124	20
Pyridine	1100		1200	ug/Kg	109		9		45	119	20
Benzaldehyde	1100		320	ug/Kg	29		11		10	86	20
Aniline	1100		970	ug/Kg	88		6		10	88	20
Phenol	1100		1200	ug/Kg	109		9		67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100		9		54	125	20
2-Chlorophenol	1100		1200	ug/Kg	109	*	9		79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100		9		62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100		9		63	104	20
Benzyl Alcohol	1100		1200	ug/Kg	109		9		47	126	20
2-Methylphenol	1100		1200	ug/Kg	109		9		66	122	20
2,2-oxybis(1-Chloropropane)	1100		1200	ug/Kg	109		9		65	110	20
Acetophenone	1100		1200	ug/Kg	109		18		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		1200	ug/Kg	109		9		76	122	20
2-Nitrophenol	1100		1200	ug/Kg	109		9		54	145	20
2,4-Dimethylphenol	1100		1400	ug/Kg	127		7		44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1100		1200	ug/Kg	109		9		72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100		9		57	103	20
Benzoic acid	1100		1100	ug/Kg	100		9		50	104	20
Naphthalene	1100		1100	ug/Kg	100		9		72	110	20
4-Chloroaniline	1100		270	ug/Kg	25		17		10	91	20
Hexachlorobutadiene	1100		1100	ug/Kg	100		11		66	114	20
Caprolactam	1100		1200	ug/Kg	109		9		51	134	20
4-Chloro-3-methylphenol	1100		1200	ug/Kg	109		9		57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	2300		3700	ug/Kg	161		6		10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109		9		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		1100	ug/Kg	100		9		75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100		0		67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109		9		69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109		9		70	113	20
Acenaphthylene	1100		1200	ug/Kg	109		9		79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100		0		70	125	20
3-Nitroaniline	1100		730	ug/Kg	66		6		30	99	20
Acenaphthene	1100		1300	ug/Kg	118		8		70	121	20
Total PAH	17600		19100	ug/Kg	109		9		70	121	20
2,4-Dinitrophenol	2300		2500	ug/Kg	109		9		10	155	20
4-Nitrophenol	2300		2400	ug/Kg	104		8		45	133	20
Dibenzofuran	1100		1200	ug/Kg	109		9		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

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		9		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2300	ug/Kg	105		5		55	128	20
Diethylphthalate	1100		1200	ug/Kg	109		9		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		9		71	108	20
Fluorene	1100		1100	ug/Kg	100		9		68	116	20
4-Nitroaniline	1100		1200	ug/Kg	109		9		55	120	20
4,6-Dinitro-2-methylphenol	1100		1200	ug/Kg	109		9		10	160	20
N-Nitrosodiphenylamine	1100		1200	ug/Kg	109		9		73	118	20
Azobenzene	1100		1400	ug/Kg	127	*	7		73	110	20
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100		9		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		9		67	118	20
Atrazine	1100		1400	ug/Kg	127		7		79	127	20
Pentachlorophenol	2300		2100	ug/Kg	91		9		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		9		52	128	20
Anthracene	1100		1200	ug/Kg	109		9		62	124	20
Carbazole	1100		1200	ug/Kg	109		9		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		9		44	125	20
Benzydine	2300		1600	ug/Kg	70		7		10	119	20
Pyrene	1100		1200	ug/Kg	109		9		26	142	20
Butylbenzylphthalate	1100		1400	ug/Kg	127	*	7		64	126	20
3,3-Dichlorobenzidine	1100		830	ug/Kg	75		13		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		9		71	114	20
Chrysene	1100		1200	ug/Kg	109		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1400	ug/Kg	127		0		42	169	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127		0		23	175	20
Benzo(b)fluoranthene	1100		1100	ug/Kg	100		9		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		9		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1300	ug/Kg	118		8		40	129	20
Dibenz(a,h)anthracene	1100		1300	ug/Kg	118		8		43	123	20
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		0		69	124	20
1,4-Dioxane	1100		1100	ug/Kg	100		9		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		9		69	112	20
1-Methylnaphthalene	1100		1100	ug/Kg	100		11		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4222-01MS		Client Sample ID: TP-5MS		DataFile: BF139615.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		1100	ug/Kg	100				45	119	
Benzaldehyde	1100		290	ug/Kg	26				10	86	
Aniline	1100		780	ug/Kg	71				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		1000	ug/Kg	91				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		1100	ug/Kg	100				65	110	
Acetophenone	1100		1100	ug/Kg	100				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		1100	ug/Kg	100				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		1300	ug/Kg	118				44	135	
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100				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		940	ug/Kg	85				50	104	
Naphthalene	1100		1100	ug/Kg	100				72	110	
4-Chloroaniline	1100		180	ug/Kg	16				10	91	
Hexachlorobutadiene	1100		1000	ug/Kg	91				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		1000	ug/Kg	91				59	123	
Hexachlorocyclopentadiene	2300		2000	ug/Kg	87				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		580	ug/Kg	53				30	99	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600		17050	ug/Kg	97				70	121	
2,4-Dinitrophenol	2300		980	ug/Kg	43				10	155	
4-Nitrophenol	2300		1900	ug/Kg	83				45	133	
Dibenzofuran	1100		1100	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				55	128	
2,4-Dinitrotoluene	1100		1000	ug/Kg	91				55	128	
Diethylphthalate	1100		1100	ug/Kg	100				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		870	ug/Kg	79				55	120	
4,6-Dinitro-2-methylphenol	1100		620	ug/Kg	56				10	160	
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118				73	118	
Azobenzene	1100		1100	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1400	ug/Kg	127				79	127	
Pentachlorophenol	2300		1900	ug/Kg	83				47	128	
Phenanthrene	1100		1100	ug/Kg	100				52	128	
Anthracene	1100		1200	ug/Kg	109				62	124	
Carbazole	1100		1100	ug/Kg	100				59	119	
Di-n-butylphthalate	1100		1100	ug/Kg	100				69	118	
Fluoranthene	1100		1000	ug/Kg	91				44	125	
Benidine	2300		1900	ug/Kg	83				10	119	
Pyrene	1100		930	ug/Kg	85				26	142	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		1000	ug/Kg	91				33	116	
Benzo(a)anthracene	1100		1100	ug/Kg	100				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109				42	169	
Di-n-octyl phthalate	1100		1400	ug/Kg	127				23	175	
Benzo(b)fluoranthene	1100		1100	ug/Kg	100				67	121	
Benzo(k)fluoranthene	1100		1200	ug/Kg	109				57	134	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		950	ug/Kg	86				40	129	
Dibenz(a,h)anthracene	1100		950	ug/Kg	86				43	123	
Benzo(g,h,i)perylene	1100		820	ug/Kg	75				24	125	
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100				69	124	
1,4-Dioxane	1100		1000	ug/Kg	91				46	112	
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91				69	112	
1-Methylnaphthalene	1100		970	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4222-01MSD		Client Sample ID: TP-5MSD		DataFile: BF139616.D							
n-Nitrosodimethylamine	1100		1100	ug/Kg	100	0			66	124	20
Pyridine	1100		1100	ug/Kg	100	0			45	119	20
Benzaldehyde	1100		290	ug/Kg	26	0			10	86	20
Aniline	1100		820	ug/Kg	75	5			10	88	20
Phenol	1100		1100	ug/Kg	100	0			67	126	20
bis(2-Chloroethyl)ether	1100		1100	ug/Kg	100	9			54	125	20
2-Chlorophenol	1100		1100	ug/Kg	100	0			79	107	20
1,2-Dichlorobenzene	1100		1100	ug/Kg	100	0			61	105	20
1,3-Dichlorobenzene	1100		1100	ug/Kg	100	0			62	101	20
1,4-Dichlorobenzene	1100		1100	ug/Kg	100	0			63	104	20
Benzyl Alcohol	1100		1100	ug/Kg	100	0			47	126	20
2-Methylphenol	1100		1100	ug/Kg	100	0			66	122	20
2,2-oxybis(1-Chloropropane)	1100		1100	ug/Kg	100	0			65	110	20
Acetophenone	1100		1100	ug/Kg	100	0			75	111	20
3+4-Methylphenols	1100		1100	ug/Kg	100	0			66	104	20
N-Nitroso-di-n-propylamine	1100		1100	ug/Kg	100	0			59	119	20
Hexachloroethane	1100		1000	ug/Kg	91	0			65	117	20
Nitrobenzene	1100		1100	ug/Kg	100	9			70	119	20
Isophorone	1100		1100	ug/Kg	100	0			76	122	20
2-Nitrophenol	1100		1100	ug/Kg	100	0			54	145	20
2,4-Dimethylphenol	1100		1400	ug/Kg	127	7			44	135	20
bis(2-Chloroethoxy)methane	1100		1100	ug/Kg	100	0			68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100	0			72	118	20
1,2,4-Trichlorobenzene	1100		1100	ug/Kg	100	9			57	103	20
Benzoic acid	1100		960	ug/Kg	87	2			50	104	20
Naphthalene	1100		1100	ug/Kg	100	0			72	110	20
4-Chloroaniline	1100		190	ug/Kg	17	6			10	91	20
Hexachlorobutadiene	1100		1000	ug/Kg	91	0			66	114	20
Caprolactam	1100		1100	ug/Kg	100	0			51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100	9			57	132	20
2-Methylnaphthalene	1100		1100	ug/Kg	100	9			59	123	20
Hexachlorocyclopentadiene	2300		2000	ug/Kg	87	0			10	175	20
2,4,6-Trichlorophenol	1100		1200	ug/Kg	109	9			72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100	0			72	117	20
1,1-Biphenyl	1100		1200	ug/Kg	109	9			75	113	20
2-Chloronaphthalene	1100		1100	ug/Kg	100	0			67	118	20
2-Nitroaniline	1100		1200	ug/Kg	109	9			69	127	20
Dimethylphthalate	1100		1200	ug/Kg	109	9			70	113	20
Acenaphthylene	1100		1200	ug/Kg	109	0			79	118	20
2,6-Dinitrotoluene	1100		1100	ug/Kg	100	0			70	125	20
3-Nitroaniline	1100		620	ug/Kg	56	6			30	99	20
Acenaphthene	1100		1100	ug/Kg	100	0			70	121	20
Total PAH	17600		17700	ug/Kg	101	4			70	121	20
2,4-Dinitrophenol	2300		1000	ug/Kg	43	0			10	155	20
4-Nitrophenol	2300		2000	ug/Kg	87	5			45	133	20
Dibenzofuran	1100		1100	ug/Kg	100	0			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF100224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2200	ug/Kg	100		5		55	128	20
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		9		55	128	20
Diethylphthalate	1100		1100	ug/Kg	100		0		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		9		71	108	20
Fluorene	1100		1000	ug/Kg	91		0		68	116	20
4-Nitroaniline	1100		880	ug/Kg	80		1		55	120	20
4,6-Dinitro-2-methylphenol	1100		700	ug/Kg	64		13		10	160	20
N-Nitrosodiphenylamine	1100		1300	ug/Kg	118		0		73	118	20
Azobenzene	1100		1200	ug/Kg	109		9		73	110	20
4-Bromophenyl-phenylether	1100		1200	ug/Kg	109		0		65	121	20
Hexachlorobenzene	1100		1100	ug/Kg	100		0		67	118	20
Atrazine	1100		1500	ug/Kg	136	*	7		79	127	20
Pentachlorophenol	2300		2000	ug/Kg	87		5		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		9		52	128	20
Anthracene	1100		1200	ug/Kg	109		0		62	124	20
Carbazole	1100		1100	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1100		1200	ug/Kg	109		9		69	118	20
Fluoranthene	1100		1100	ug/Kg	100		9		44	125	20
Benzydine	2300		2000	ug/Kg	87		5		10	119	20
Pyrene	1100		950	ug/Kg	86		1		26	142	20
Butylbenzylphthalate	1100		1100	ug/Kg	100		0		64	126	20
3,3-Dichlorobenzidine	1100		1100	ug/Kg	100		9		33	116	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		9		71	114	20
Chrysene	1100		1200	ug/Kg	109		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1200	ug/Kg	109		0		42	169	20
Di-n-octyl phthalate	1100		1400	ug/Kg	127		0		23	175	20
Benzo(b)fluoranthene	1100		1200	ug/Kg	109		9		67	121	20
Benzo(k)fluoranthene	1100		1200	ug/Kg	109		0		57	134	20
Benzo(a)pyrene	1100		1300	ug/Kg	118		8		70	142	20
Indeno(1,2,3-cd)pyrene	1100		960	ug/Kg	87		1		40	129	20
Dibenz(a,h)anthracene	1100		960	ug/Kg	87		1		43	123	20
Benzo(g,h,i)perylene	1100		830	ug/Kg	75		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1100		1200	ug/Kg	109		9		69	124	20
1,4-Dioxane	1100		1000	ug/Kg	91		0		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1000	ug/Kg	91		0		69	112	20
1-Methylnaphthalene	1100		1000	ug/Kg	91		3		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4198-26RE	TP5-WC-1RE	BF139602.D	2-Fluorophenol	150	149.34	100		18	112
			Phenol-d6	150	150.51	100		15	107
			Nitrobenzene-d5	100	98.56	99		18	107
			2-Fluorobiphenyl	100	91.84	92		20	109
			2,4,6-Tribromophenol	150	142.08	95		10	116
			Terphenyl-d14	100	99.11	99		10	105

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4194-01	MANHOLE-119-K\BF139600.D		2-Fluorophenol	150	73.15	49		10	139
			Phenol-d6	150	47.01	31		10	134
			Nitrobenzene-d5	100	98.93	99		49	133
			2-Fluorobiphenyl	100	95.08	95		52	132
			2,4,6-Tribromophenol	150	140.46	94		44	137
			Terphenyl-d14	100	98.88	99		48	125
P4209-02	DRUM-2	BF139607.D	2-Fluorophenol	150	70.40	47		10	139
			Phenol-d6	150	45.47	30		10	134
			Nitrobenzene-d5	100	92.41	92		49	133
			2-Fluorobiphenyl	100	87.60	88		52	132
			2,4,6-Tribromophenol	150	138.44	92		44	137
			Terphenyl-d14	100	100.13	100		48	125

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4212-01	TEST-PIT-NORTH BF139604.D		2-Fluorophenol	150	102.85	69		18	112
			Phenol-d6	150	102.69	68		15	107
			Nitrobenzene-d5	100	69.68	70		18	107
			2-Fluorobiphenyl	100	69.57	70		20	109
			2,4,6-Tribromophenol	150	97.18	65		10	116
			Terphenyl-d14	100	78.25	78		10	105
P4212-01MS	TEST-PIT-NORTH BF139605.D		2-Fluorophenol	150	94.78	63		18	112
			Phenol-d6	150	95.16	63		15	107
			Nitrobenzene-d5	100	64.71	65		18	107
			2-Fluorobiphenyl	100	65.47	65		20	109
			2,4,6-Tribromophenol	150	94.71	63		10	116
			Terphenyl-d14	100	74.84	75		10	105
P4212-01MSD	TEST-PIT-NORTH BF139606.D		2-Fluorophenol	150	102.98	69		18	112
			Phenol-d6	150	103.07	69		15	107
			Nitrobenzene-d5	100	71.04	71		18	107
			2-Fluorobiphenyl	100	69.52	70		20	109
			2,4,6-Tribromophenol	150	100.76	67		10	116
			Terphenyl-d14	100	80.07	80		10	105
P4212-03	TEST-PIT-SOUTH BF139618.D		2-Fluorophenol	150	82.80	55		18	112
			Phenol-d6	150	80.38	54		15	107
			Nitrobenzene-d5	100	56.16	56		18	107
			2-Fluorobiphenyl	100	57.16	57		20	109
			2,4,6-Tribromophenol	150	62.79	42		10	116
			Terphenyl-d14	100	41.90	42		10	105
P4214-01	CONCRETE-WC-1 BF139601.D		2-Fluorophenol	150	0.00	0	*	18	112
			Phenol-d6	150	0.43	0	*	15	107
			Nitrobenzene-d5	100	61.34	61		18	107
			2-Fluorobiphenyl	100	66.12	66		20	109
			2,4,6-Tribromophenol	150	0.00	0	*	10	116
			Terphenyl-d14	100	54.21	54		10	105

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4190-04	TP-T	BF139603.D	2-Fluorophenol	150	134.58	90		10	139
			Phenol-d6	150	125.57	84		10	134
			Nitrobenzene-d5	100	97.73	98		49	133
			2-Fluorobiphenyl	100	95.25	95		52	132
			2,4,6-Tribromophenol	150	140.87	94		44	137
			Terphenyl-d14	100	105.04	105		48	125

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4222-01	TP-5	BF139614.D	2-Fluorophenol	150	129.88	87		18	112
			Phenol-d6	150	129.38	86		15	107
			Nitrobenzene-d5	100	89.01	89		18	107
			2-Fluorobiphenyl	100	90.06	90		20	109
			2,4,6-Tribromophenol	150	110.34	74		10	116
			Terphenyl-d14	100	68.30	68		10	105
P4222-01MS	TP-5MS	BF139615.D	2-Fluorophenol	150	109.98	73		18	112
			Phenol-d6	150	108.70	72		15	107
			Nitrobenzene-d5	100	73.41	73		18	107
			2-Fluorobiphenyl	100	74.05	74		20	109
			2,4,6-Tribromophenol	150	94.16	63		10	116
			Terphenyl-d14	100	57.64	58		10	105
P4222-01MSD	TP-5MSD	BF139616.D	2-Fluorophenol	150	110.97	74		18	112
			Phenol-d6	150	110.82	74		15	107
			Nitrobenzene-d5	100	76.37	76		18	107
			2-Fluorobiphenyl	100	78.12	78		20	109
			2,4,6-Tribromophenol	150	96.70	64		10	116
			Terphenyl-d14	100	59.76	60		10	105
P4225-01	TR-04-092724	BF139610.D	2-Fluorophenol	150	27.42	18		18	112
			Phenol-d6	150	36.40	24		15	107
			Nitrobenzene-d5	100	22.61	23		18	107
			2-Fluorobiphenyl	100	38.03	38		20	109
			2,4,6-Tribromophenol	150	62.16	41		10	116
			Terphenyl-d14	100	44.27	44		10	105
PB163784BL	PB163784BL	BF139596.D	2-Fluorophenol	150	138.12	92		18	112
			Phenol-d6	150	137.59	92		15	107
			Nitrobenzene-d5	100	90.98	91		18	107
			2-Fluorobiphenyl	100	87.79	88		20	109
			2,4,6-Tribromophenol	150	136.56	91		10	116
			Terphenyl-d14	100	81.81	82		10	105
PB163784BS	PB163784BS	BF139597.D	2-Fluorophenol	150	116.48	78		18	112
			Phenol-d6	150	115.16	77		15	107
			Nitrobenzene-d5	100	78.21	78		18	107
			2-Fluorobiphenyl	100	75.27	75		20	109
			2,4,6-Tribromophenol	150	117.43	78		10	116
			Terphenyl-d14	100	83.30	83		10	105

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4234-01	EO-02-093024	BF139611.D	2-Fluorophenol	150	72.19	48		18	112
			Phenol-d6	150	69.34	46		15	107
			Nitrobenzene-d5	100	47.51	48		18	107
			2-Fluorobiphenyl	100	52.48	52		20	109
			2,4,6-Tribromophenol	150	53.20	35		10	116
			Terphenyl-d14	100	39.84	40		10	105
P4235-01	RT5376	BF139617.D	2-Fluorophenol	150	100.68	67		18	112
			Phenol-d6	150	111.81	75		15	107
			Nitrobenzene-d5	100	76.49	76		18	107
			2-Fluorobiphenyl	100	88.68	89		20	109
			2,4,6-Tribromophenol	150	62.04	41		10	116
			Terphenyl-d14	100	71.27	71		10	105
PB163811BL	PB163811BL	BF139598.D	2-Fluorophenol	150	144.08	96		18	112
			Phenol-d6	150	142.75	95		15	107
			Nitrobenzene-d5	100	95.25	95		18	107
			2-Fluorobiphenyl	100	93.74	94		20	109
			2,4,6-Tribromophenol	150	143.56	96		10	116
			Terphenyl-d14	100	89.61	90		10	105
PB163811BS	PB163811BS	BF139599.D	2-Fluorophenol	150	152.80	102		18	112
			Phenol-d6	150	153.44	102		15	107
			Nitrobenzene-d5	100	103.48	103		18	107
			2-Fluorobiphenyl	100	102.16	102		20	109
			2,4,6-Tribromophenol	150	156.17	104		10	116
			Terphenyl-d14	100	112.00	112	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF100224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4214-02	CONCRETE-WC-1	BF139608.D	2-Fluorophenol	150	137.32	92		10	139
			Phenol-d6	150	123.52	82		10	134
			Nitrobenzene-d5	100	101.76	102		49	133
			2-Fluorobiphenyl	100	98.00	98		52	132
			2,4,6-Tribromophenol	150	148.98	99		44	137
			Terphenyl-d14	100	107.43	107		48	125
P4222-04	TP-5	BF139609.D	2-Fluorophenol	150	135.03	90		10	139
			Phenol-d6	150	124.51	83		10	134
			Nitrobenzene-d5	100	98.39	98		49	133
			2-Fluorobiphenyl	100	93.85	94		52	132
			2,4,6-Tribromophenol	150	139.60	93		44	137
			Terphenyl-d14	100	104.34	104		48	125
P4232-04	TP-R	BF139612.D	2-Fluorophenol	150	136.38	91		10	139
			Phenol-d6	150	121.04	81		10	134
			Nitrobenzene-d5	100	102.52	103		49	133
			2-Fluorobiphenyl	100	105.13	105		52	132
			2,4,6-Tribromophenol	150	130.11	87		44	137
			Terphenyl-d14	100	83.09	83		48	125
P4236-04	TP4	BF139613.D	2-Fluorophenol	150	142.42	95		10	139
			Phenol-d6	150	126.87	85		10	134
			Nitrobenzene-d5	100	105.47	105		49	133
			2-Fluorobiphenyl	100	108.30	108		52	132
			2,4,6-Tribromophenol	150	134.89	90		44	137
			Terphenyl-d14	100	87.31	87		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100224

Lab Code: CHEM

SAS No.: BF100224 SDG NO.: BF100224

Lab File ID: BF139594.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.6
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	98.3
443	15.0 - 24.0% of mass 442	19 (19.3) 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	BF139595.D	10/02/2024	09:45
PB163784BL	PB163784BL	BF139596.D	10/02/2024	10:14
PB163784BS	PB163784BS	BF139597.D	10/02/2024	10:42
PB163811BL	PB163811BL	BF139598.D	10/02/2024	11:10
PB163811BS	PB163811BS	BF139599.D	10/02/2024	11:39
MANHOLE-119-KEARNY	P4194-01	BF139600.D	10/02/2024	12:10
CONCRETE-WC-1	P4214-01	BF139601.D	10/02/2024	12:39
TP5-WC-1RE	P4198-26RE	BF139602.D	10/02/2024	13:07
TP-T	P4190-04	BF139603.D	10/02/2024	13:36
TEST-PIT-NORTH	P4212-01	BF139604.D	10/02/2024	14:04
TEST-PIT-NORTHMS	P4212-01MS	BF139605.D	10/02/2024	14:32
TEST-PIT-NORTHMSD	P4212-01MSD	BF139606.D	10/02/2024	15:00
DRUM-2	P4209-02	BF139607.D	10/02/2024	15:29
CONCRETE-WC-1	P4214-02	BF139608.D	10/02/2024	15:57
TP-5	P4222-04	BF139609.D	10/02/2024	16:25
TR-04-092724	P4225-01	BF139610.D	10/02/2024	16:53
EO-02-093024	P4234-01	BF139611.D	10/02/2024	17:21
TP-R	P4232-04	BF139612.D	10/02/2024	17:49

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF100224

Lab Code: CHEM

SAS No.: BF100224

SDG NO.: BF100224

Lab File ID: BF139594.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.6
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	39.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	48.7
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	98.3
443	15.0 - 24.0% of mass 442	19 (19.3) 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
TP4	P4236-04	BF139613.D	10/02/2024	18:17
TP-5	P4222-01	BF139614.D	10/02/2024	18:46
TP-5MS	P4222-01MS	BF139615.D	10/02/2024	19:14
TP-5MSD	P4222-01MSD	BF139616.D	10/02/2024	19:42
RT5376	P4235-01	BF139617.D	10/02/2024	20:10
TEST-PIT-SOUTH	P4212-03	BF139618.D	10/02/2024	20:38