

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG No.: BF091024

Instrument ID: BNA_F Calibration Date/Time: 9/10/2024 11:30

Lab File ID: BF139293.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.873	0.789		-9.622	
Pyridine	1.344	1.223		-9.003	
2-Fluorophenol	1.196	1.110		-7.191	
Benzaldehyde	0.966	0.821		-15.01	
Aniline	1.468	1.366		-6.948	
Phenol-d6	1.596	1.495		-6.328	
Phenol	1.683	1.573		-6.536	20.0
bis(2-Chloroethyl) ether	1.206	1.137		-5.721	
2-Chlorophenol	1.239	1.176		-5.085	
1,2-Dichlorobenzene	1.309	1.233		-5.806	
1,3-Dichlorobenzene	1.402	1.306		-6.847	
1,4-Dichlorobenzene	1.404	1.308		-6.838	20.0
Benzyl Alcohol	1.164	1.126		-3.265	
2-Methylphenol	1.012	0.952		-5.929	
2,2-oxybis(1-Chloropropane)	2.296	2.085		-9.19	
Acetophenone	0.476	0.444		-6.723	
3+4-Methylphenols	1.276	1.214		-4.859	
n-Nitroso-di-n-propylamine	0.919	0.872	0.050	-5.114	
Nitrobenzene-d5	0.384	0.368		-4.167	
Hexachloroethane	0.501	0.476		-4.99	
Nitrobenzene	0.408	0.384		-5.882	
Isophorone	0.657	0.624		-5.023	
2-Nitrophenol	0.160	0.167		4.375	20.0
2,4-Dimethylphenol	0.229	0.219		-4.367	
bis(2-Chloroethoxy) methane	0.392	0.367		-6.378	
2,4-Dichlorophenol	0.274	0.266		-2.92	20.0
1,2,4-Trichlorobenzene	0.313	0.301		-3.834	
Benzoic acid	0.208	0.200		-3.846	
Naphthalene	1.013	0.942		-7.009	
4-Chloroaniline	0.351	0.327		-6.838	
Hexachlorobutadiene	0.198	0.190		-4.04	20.0
Caprolactam	0.085	0.084		-1.176	
4-Chloro-3-methylphenol	0.298	0.294		-1.342	20.0
2-Methylnaphthalene	0.634	0.602		-5.047	
Hexachlorocyclopentadiene	0.182	0.184	0.050	1.099	
2,4,6-Trichlorophenol	0.370	0.363		-1.892	20.0
2-Fluorobiphenyl	1.296	1.191		-8.102	
2,4,5-Trichlorophenol	0.388	0.366		-5.67	
1,1-Biphenyl	1.482	1.360		-8.232	

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Instrument ID: BNA_F Calibration Date/Time: 9/10/2024 11:30

Lab File ID: BF139293.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.119	1.048		-6.345	
2-Nitroaniline	0.385	0.378		-1.818	
Dimethylphthalate	1.212	1.158		-4.455	
Acenaphthylene	1.685	1.577		-6.409	
2,6-Dinitrotoluene	0.275	0.275		0.0	
3-Nitroaniline	0.293	0.287		-2.048	
Acenaphthene	1.118	1.061		-5.098	20.0
2,4-Dinitrophenol	0.118	0.132	0.050	11.864	
4-Nitrophenol	0.216	0.223	0.050	3.241	
Dibenzofuran	1.603	1.508		-5.926	
2,4-Dinitrotoluene	0.350	0.365		4.286	
Diethylphthalate	1.193	1.180		-1.09	
4-Chlorophenyl-phenylether	0.599	0.565		-5.676	
Fluorene	1.242	1.173		-5.556	
4-Nitroaniline	0.279	0.287		2.867	
4,6-Dinitro-2-methylphenol	0.092	0.098		6.522	
n-Nitrosodiphenylamine	0.582	0.535		-8.076	20.0
Azobenzene	1.257	1.196		-4.853	
2,4,6-Tribromophenol	0.173	0.175		1.156	
4-Bromophenyl-phenylether	0.194	0.182		-6.186	
Hexachlorobenzene	0.222	0.208		-6.306	
Atrazine	0.134	0.113		-15.672	
Pentachlorophenol	0.128	0.132		3.125	20.0
Phenanthrene	0.934	0.859		-8.03	
Anthracene	0.913	0.851		-6.791	
Carbazole	0.853	0.829		-2.814	
Di-n-butylphthalate	0.873	0.913		4.582	
Fluoranthene	0.937	0.942		0.534	20.0
Benzidine	0.403	0.501		24.318	
Pyrene	1.932	1.835		-5.021	
Terphenyl-d14	1.239	1.188		-4.116	
Butylbenzylphthalate	0.455	0.576		26.593	
3,3-Dichlorobenzidine	0.339	0.334		-1.475	
Benzo(a)anthracene	1.277	1.183		-7.361	
Chrysene	1.192	1.147		-3.775	
Bis(2-ethylhexyl)phthalate	0.534	0.617		15.543	
Di-n-octyl phthalate	1.022	0.917		-10.274	20.0
Benzo(b)fluoranthene	1.152	1.169		1.476	
Benzo(k)fluoranthene	1.033	0.982		-4.937	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG No.: BF091024

Instrument ID: BNA_F Calibration Date/Time: 9/10/2024 11:30

Lab File ID: BF139293.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.978	0.948		-3.067	20.0
Indeno(1,2,3-cd)pyrene	1.249	1.220		-2.322	
Dibenzo(a,h)anthracene	1.030	1.006		-2.33	
Benzo(g,h,i)perylene	1.063	1.032		-2.916	
1,2,4,5-Tetrachlorobenzene	0.566	0.520		-8.127	
1,4-Dioxane	0.557	0.490		-12.029	20.0
2,3,4,6-Tetrachlorophenol	0.305	0.294		-3.607	
1-Methylnaphthalene	0.623	0.587		-5.778	

All other compounds must meet a minimum RRF of 0.010.



Client:				Date Collected:	9/10/2024 12:00:00 AM	
Project:				Date Received:	9/10/2024 12:00:00 AM	
Client Sample ID:	PB163252BL			SDG No.:	BF091024	
Lab Sample ID:	PB163252BL			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
BF139294.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BL	SDG No.:	BF091024
Lab Sample ID:	PB163252BL	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
BF139294.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BL	SDG No.:	BF091024
Lab Sample ID:	PB163252BL	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
BF139294.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.917		18-112		78	SPK: -150
13127-88-3	Phenol-d6	112.717		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	81.726		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	77.178		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BL	SDG No.:	BF091024
Lab Sample ID:	PB163252BL	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
BF139294.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.208		10-116		85	SPK: -150
1718-51-0	Terphenyl-d14	72.82		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177459	6.887				
1146-65-2	Naphthalene-d8	677906	8.169				
15067-26-2	Acenaphthene-d10	383053	9.928				
1517-22-2	Phenanthrene-d10	729865	11.41				
1719-03-5	Chrysene-d12	473039	14.051				
1520-96-3	Perylene-d12	355320	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	94.9	J			2.287	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.14	
000629-94-7	Heneicosane	96.3	J			16.015	
000112-95-8	Eicosane	110	J			16.527	
007098-22-8	Tetratetracontane	110	J			17.139	
000630-02-4	Octacosane	81.6	J			17.856	

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BS	SDG No.:	BF091024
Lab Sample ID:	PB163252BS	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
BF139295.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	1400		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	500		180	270	330	ug/Kg
62-53-3	Aniline	1600		96.9	130	170	ug/Kg
108-95-2	Phenol	1500		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1500		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		90.8	130	170	ug/Kg
78-59-1	Isophorone	1600		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	1000		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BS	SDG No.:	BF091024
Lab Sample ID:	PB163252BS	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
BF139295.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25900		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3300	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		85	130	170	ug/Kg
1912-24-9	Atrazine	2100		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BS	SDG No.:	BF091024
Lab Sample ID:	PB163252BS	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
BF139295.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3200	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1600		84	130	170	ug/Kg
120-12-7	Anthracene	1600		84.4	130	170	ug/Kg
86-74-8	Carbazole	1600		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1700		81.7	130	170	ug/Kg
92-87-5	Benzidine	2600		160	270	330	ug/Kg
129-00-0	Pyrene	1600		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2200		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.7	130	170	ug/Kg
218-01-9	Chrysene	1600		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	131.306		18-112		88	SPK: -150
13127-88-3	Phenol-d6	129.794		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	94.077		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	91.703		20-109		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	PB163252BS	SDG No.:	BF091024
Lab Sample ID:	PB163252BS	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
BF139295.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	148.719		10-116		99	SPK: -150
1718-51-0	Terphenyl-d14	101.015		10-105		101	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128326	6.887				
1146-65-2	Naphthalene-d8	478766	8.169				
15067-26-2	Acenaphthene-d10	261903	9.928				
1517-22-2	Phenanthrene-d10	487030	11.416				
1719-03-5	Chrysene-d12	254178	14.057				
1520-96-3	Perylene-d12	223368	15.527				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091024
Lab Sample ID:	P3905-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.07	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
BF139296.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.7	U	94.7	290	360	ug/Kg
110-86-1	Pyridine	87.2	U	87.2	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.5	U	90.5	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.4	U	91.4	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.1	U	91.1	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.3	U	92.3	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.9	U	93.9	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.4	U	94.4	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.6	U	90.6	290	360	ug/Kg
95-48-7	2-Methylphenol	88	U	88	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.2	U	99.2	140	190	ug/Kg
98-86-2	Acetophenone	94.9	U	94.9	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.1	U	87.1	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44	U	44	87.3	87.3	ug/Kg
67-72-1	Hexachloroethane	90.6	U	90.6	140	190	ug/Kg
98-95-3	Nitrobenzene	99.1	U	99.1	140	190	ug/Kg
78-59-1	Isophorone	92.3	U	92.3	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.7	U	93.7	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.4	U	82.4	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.2	U	93.2	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	90.2	U	90.2	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.2	U	90.2	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.9	U	90.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091024
Lab Sample ID:	P3905-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.07	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
BF139296.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.7	U	94.7	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.6	U	84.6	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.1	U	90.1	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.9	U	77.9	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.8	U	80.8	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.4	U	95.4	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.9	U	90.9	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.2	U	89.2	140	190	ug/Kg
208-96-8	Acenaphthylene	94.4	U	94.4	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.8	U	90.8	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.4	U	97.4	140	190	ug/Kg
83-32-9	Acenaphthene	88.5	U	88.5	140	190	ug/Kg
Total PAH	Total PAH	1970	U	1444.8	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	92.1	U	92.1	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.1	U	94.1	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84.9	U	184.9	140	380	ug/Kg
84-66-2	Diethylphthalate	87.4	U	87.4	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.4	U	93.4	140	190	ug/Kg
86-73-7	Fluorene	93.3	U	93.3	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.1	U	89.1	140	190	ug/Kg
103-33-3	Azobenzene	86.9	U	86.9	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.1	U	86.1	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.8	U	92.8	140	190	ug/Kg
1912-24-9	Atrazine	99.8	U	99.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091024
Lab Sample ID:	P3905-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.07	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
BF139296.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.4	U	84.4	290	360	ug/Kg
85-01-8	Phenanthrene	100	J	91.7	140	190	ug/Kg
120-12-7	Anthracene	92.1	U	92.1	140	190	ug/Kg
86-74-8	Carbazole	87.7	U	87.7	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92	U	92	140	190	ug/Kg
206-44-0	Fluoranthene	280		89.2	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	280		90.6	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	200		88.1	140	190	ug/Kg
218-01-9	Chrysene	180	J	86.8	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.3	U	99.3	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		88.5	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	90.2	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	260		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	85.2	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.6	U	88.6	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	87.4	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.7	U	94.7	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.5	U	81.5	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.8	U	90.8	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.127		18-112		71	SPK: -150
13127-88-3	Phenol-d6	108.16		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	77.827		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	77.822		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1	SDG No.:	BF091024
Lab Sample ID:	P3905-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.07	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
BF139296.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	119.295		10-116		80	SPK: -150
1718-51-0	Terphenyl-d14	81.984		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119170	6.887				
1146-65-2	Naphthalene-d8	442964	8.169				
15067-26-2	Acenaphthene-d10	244692	9.922				
1517-22-2	Phenanthrene-d10	415494	11.41				
1719-03-5	Chrysene-d12	193845	14.045				
1520-96-3	Perylene-d12	220179	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2300	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.11	
000119-61-9	Benzophenone	240	J			10.639	
000057-10-3	n-Hexadecanoic acid	360	J			11.933	
002004-39-9	1-Heptacosanol	160	J			13.898	
000301-02-0	9-Octadecenamide, (Z)-	130	J			14.815	
000192-97-2	Benzo[e]pyrene	150	J			15.398	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF091024
Lab Sample ID:	P3905-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF139297.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		94.9	300	360	ug/Kg
110-86-1	Pyridine	1500		87.3	140	190	ug/Kg
100-52-7	Benzaldehyde	560		200	300	360	ug/Kg
62-53-3	Aniline	1500		110	140	190	ug/Kg
108-95-2	Phenol	1700		90.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		91.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	1800		91.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		92.5	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		94	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		94.5	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1800		90.7	300	360	ug/Kg
95-48-7	2-Methylphenol	1800		88.1	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		99.4	140	190	ug/Kg
98-86-2	Acetophenone	1700		95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		87.2	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		44	87.4	87.4	ug/Kg
67-72-1	Hexachloroethane	1700		90.7	140	190	ug/Kg
98-95-3	Nitrobenzene	1600		99.2	140	190	ug/Kg
78-59-1	Isophorone	1800		92.5	140	190	ug/Kg
88-75-5	2-Nitrophenol	1900		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		93.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		82.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		93.3	140	190	ug/Kg
65-85-0	Benzoic acid	1600		260	300	360	ug/Kg
91-20-3	Naphthalene	1700		90.3	140	190	ug/Kg
106-47-8	4-Chloroaniline	570		90.3	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		91	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF091024
Lab Sample ID:	P3905-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF139297.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		94.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		84.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		90.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6300	E	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		78	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		80.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1700		95.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		91	140	190	ug/Kg
88-74-4	2-Nitroaniline	1800		100	140	190	ug/Kg
131-11-3	Dimethylphthalate	1800		89.3	140	190	ug/Kg
208-96-8	Acenaphthylene	1900		94.5	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		90.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	1200		97.5	140	190	ug/Kg
83-32-9	Acenaphthene	2000		88.6	140	190	ug/Kg
Total PAH	Total PAH	29200		1446.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	3400	E	130	300	360	ug/Kg
132-64-9	Dibenzofuran	1800		92.2	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3700		185.1	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		94.2	140	190	ug/Kg
84-66-2	Diethylphthalate	1900		87.5	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		93.6	140	190	ug/Kg
86-73-7	Fluorene	1700		93.5	140	190	ug/Kg
100-01-6	4-Nitroaniline	1700		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		89.2	140	190	ug/Kg
103-33-3	Azobenzene	1900		87	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		86.2	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		92.9	140	190	ug/Kg
1912-24-9	Atrazine	2600		99.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF091024
Lab Sample ID:	P3905-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF139297.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	84.5	300	360	ug/Kg
85-01-8	Phenanthrene	1900		91.8	140	190	ug/Kg
120-12-7	Anthracene	1900		92.2	140	190	ug/Kg
86-74-8	Carbazole	1700		87.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	2100		92.1	140	190	ug/Kg
206-44-0	Fluoranthene	1800		89.3	140	190	ug/Kg
92-87-5	Benzidine	2500		180	300	360	ug/Kg
129-00-0	Pyrene	1800		90.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2700		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	2000		88.2	140	190	ug/Kg
218-01-9	Chrysene	2000		86.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		99.5	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2500		120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		88.6	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		90.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	2200		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		85.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		88.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		87.5	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		94.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	1400		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		81.6	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		90.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.665		18-112		62	SPK: -150
13127-88-3	Phenol-d6	96.509		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	67.518		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	67.337		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MS	SDG No.:	BF091024
Lab Sample ID:	P3905-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF139297.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	106.425		10-116		71	SPK: -150
1718-51-0	Terphenyl-d14	71.182		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117233	6.886				
1146-65-2	Naphthalene-d8	441770	8.175				
15067-26-2	Acenaphthene-d10	241730	9.927				
1517-22-2	Phenanthrene-d10	409553	11.416				
1719-03-5	Chrysene-d12	194189	14.057				
1520-96-3	Perylene-d12	216112	15.527				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF091024
Lab Sample ID:	P3905-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.08	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
BF139298.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		94.7	290	360	ug/Kg
110-86-1	Pyridine	1600		87.2	140	190	ug/Kg
100-52-7	Benzaldehyde	570		200	290	360	ug/Kg
62-53-3	Aniline	1500		110	140	190	ug/Kg
108-95-2	Phenol	1800		90.5	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		91.3	140	190	ug/Kg
95-57-8	2-Chlorophenol	1800		91.1	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1800		92.3	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		93.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		94.4	140	190	ug/Kg
100-51-6	Benzyl Alcohol	1900		90.6	290	360	ug/Kg
95-48-7	2-Methylphenol	1800		87.9	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		99.2	140	190	ug/Kg
98-86-2	Acetophenone	1800		94.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		87.1	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		44	87.3	87.3	ug/Kg
67-72-1	Hexachloroethane	1800		90.6	140	190	ug/Kg
98-95-3	Nitrobenzene	1700		99.1	140	190	ug/Kg
78-59-1	Isophorone	1900		92.3	140	190	ug/Kg
88-75-5	2-Nitrophenol	2000		100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		93.6	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		82.4	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		93.2	140	190	ug/Kg
65-85-0	Benzoic acid	1600		260	290	360	ug/Kg
91-20-3	Naphthalene	1700		90.1	140	190	ug/Kg
106-47-8	4-Chloroaniline	540		90.1	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	1800		90.9	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF091024
Lab Sample ID:	P3905-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139298.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		94.7	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		84.6	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		90	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6500	E	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		77.9	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		80.7	140	190	ug/Kg
92-52-4	1,1-Biphenyl	1800		95.4	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	1800		90.9	140	190	ug/Kg
88-74-4	2-Nitroaniline	1900		100	140	190	ug/Kg
131-11-3	Dimethylphthalate	1900		89.1	140	190	ug/Kg
208-96-8	Acenaphthylene	1900		94.4	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		90.8	140	190	ug/Kg
99-09-2	3-Nitroaniline	1300		97.3	140	190	ug/Kg
83-32-9	Acenaphthene	2000		88.5	140	190	ug/Kg
Total PAH	Total PAH	29300		1444.4	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	270	290	360	ug/Kg
100-02-7	4-Nitrophenol	3600	E	130	290	360	ug/Kg
132-64-9	Dibenzofuran	1800		92.1	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		184.9	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		94.1	140	190	ug/Kg
84-66-2	Diethylphthalate	2000		87.4	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		93.4	140	190	ug/Kg
86-73-7	Fluorene	1800		93.3	140	190	ug/Kg
100-01-6	4-Nitroaniline	1800		120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		89	140	190	ug/Kg
103-33-3	Azobenzene	2000		86.9	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		86.1	140	190	ug/Kg
118-74-1	Hexachlorobenzene	1900		92.8	140	190	ug/Kg
1912-24-9	Atrazine	2700		99.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF091024
Lab Sample ID:	P3905-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139298.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	84.3	290	360	ug/Kg
85-01-8	Phenanthrene	1900		91.7	140	190	ug/Kg
120-12-7	Anthracene	1900		92.1	140	190	ug/Kg
86-74-8	Carbazole	1800		87.6	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	2200		92	140	190	ug/Kg
206-44-0	Fluoranthene	1800		89.1	140	190	ug/Kg
92-87-5	Benzidine	2600		180	290	360	ug/Kg
129-00-0	Pyrene	1800		90.6	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	2600		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600		110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	2000		88.1	140	190	ug/Kg
218-01-9	Chrysene	1900		86.7	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2900		99.3	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2500		120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		88.5	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		90.1	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	2200		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		85.2	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		88.6	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		87.4	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		94.7	140	190	ug/Kg
123-91-1	1,4-Dioxane	1500		120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		81.5	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		90.8	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.698		18-112		64	SPK: -150
13127-88-3	Phenol-d6	98.491		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	70.669		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	70.663		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	COMP-1MSD	SDG No.:	BF091024
Lab Sample ID:	P3905-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139298.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	111.347		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	69.667		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116269	6.887				
1146-65-2	Naphthalene-d8	428606	8.175				
15067-26-2	Acenaphthene-d10	230175	9.928				
1517-22-2	Phenanthrene-d10	392137	11.416				
1719-03-5	Chrysene-d12	196296	14.057				
1520-96-3	Perylene-d12	205553	15.527				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3A	SDG No.:	BF091024
Lab Sample ID:	P3905-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139299.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.9	U	93.9	290	360	ug/Kg
110-86-1	Pyridine	86.5	U	86.5	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.7	U	89.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.6	U	90.6	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.3	U	90.3	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.5	U	91.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.1	U	93.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.6	U	93.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.8	U	89.8	290	360	ug/Kg
95-48-7	2-Methylphenol	87.2	U	87.2	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.4	U	98.4	140	180	ug/Kg
98-86-2	Acetophenone	94	U	94	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.3	U	86.3	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	43.6	86.6	86.6	ug/Kg
67-72-1	Hexachloroethane	89.8	U	89.8	140	180	ug/Kg
98-95-3	Nitrobenzene	98.2	U	98.2	140	180	ug/Kg
78-59-1	Isophorone	91.5	U	91.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.8	U	92.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.7	U	81.7	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.4	U	92.4	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.4	U	89.4	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.4	U	89.4	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.1	U	90.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3A	SDG No.:	BF091024
Lab Sample ID:	P3905-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139299.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.9	U	93.9	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.9	U	83.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.3	U	89.3	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.3	U	77.3	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.1	U	80.1	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.6	U	94.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.1	U	90.1	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.4	U	88.4	140	180	ug/Kg
208-96-8	Acenaphthylene	93.6	U	93.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.5	U	96.5	140	180	ug/Kg
83-32-9	Acenaphthene	87.7	U	87.7	140	180	ug/Kg
Total PAH	Total PAH	2310	U	1433.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.3	U	91.3	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.3	U	93.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.3	U	183.3	140	360	ug/Kg
84-66-2	Diethylphthalate	86.7	U	86.7	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.6	U	92.6	140	180	ug/Kg
86-73-7	Fluorene	92.5	U	92.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.3	U	88.3	140	180	ug/Kg
103-33-3	Azobenzene	86.1	U	86.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.4	U	85.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92	U	92	140	180	ug/Kg
1912-24-9	Atrazine	98.9	U	98.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3A	SDG No.:	BF091024
Lab Sample ID:	P3905-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139299.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.6	U	83.6	290	360	ug/Kg
85-01-8	Phenanthrene	120	J	90.9	140	180	ug/Kg
120-12-7	Anthracene	91.3	U	91.3	140	180	ug/Kg
86-74-8	Carbazole	86.9	U	86.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.2	U	91.2	140	180	ug/Kg
206-44-0	Fluoranthene	380		88.4	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	320		89.8	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	260		87.3	140	180	ug/Kg
218-01-9	Chrysene	220		86	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.5	U	98.5	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		87.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	89.4	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	290		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	84.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.9	U	87.9	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	86.7	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.9	U	93.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.8	U	80.8	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90	U	90	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.741		18-112		67	SPK: -150
13127-88-3	Phenol-d6	101.015		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	72.091		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	73.075		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3A	SDG No.:	BF091024
Lab Sample ID:	P3905-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139299.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.468		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	63.966		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117624	6.887				
1146-65-2	Naphthalene-d8	444590	8.169				
15067-26-2	Acenaphthene-d10	237134	9.922				
1517-22-2	Phenanthrene-d10	380031	11.41				
1719-03-5	Chrysene-d12	200845	14.051				
1520-96-3	Perylene-d12	193830	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.21	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.11	
000119-61-9	Benzophenone	430	J			10.639	
000057-10-3	n-Hexadecanoic acid	180	J			11.933	
959085-66-6	Heptadecyl heptafluorobutyrate	120	J			13.892	
000192-97-2	Benzo[e]pyrene	160	J			15.398	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3B	SDG No.:	BF091024
Lab Sample ID:	P3905-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139300.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.3	U	94.3	290	360	ug/Kg
110-86-1	Pyridine	86.8	U	86.8	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	180	ug/Kg
108-95-2	Phenol	90	U	90	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.9	U	90.9	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.7	U	90.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.9	U	91.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.4	U	93.4	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	94	U	94	140	180	ug/Kg
100-51-6	Benzyl Alcohol	90.2	U	90.2	290	360	ug/Kg
95-48-7	2-Methylphenol	87.6	U	87.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.7	U	98.7	140	180	ug/Kg
98-86-2	Acetophenone	94.4	U	94.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.7	U	86.7	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.8	U	43.8	86.9	86.9	ug/Kg
67-72-1	Hexachloroethane	90.2	U	90.2	140	180	ug/Kg
98-95-3	Nitrobenzene	98.6	U	98.6	140	180	ug/Kg
78-59-1	Isophorone	91.9	U	91.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.2	U	93.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	82	U	82	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.8	U	92.8	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.7	U	89.7	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.7	U	89.7	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.5	U	90.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3B	SDG No.:	BF091024
Lab Sample ID:	P3905-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139300.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.3	U	94.3	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.2	U	84.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.6	U	89.6	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.6	U	77.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.4	U	80.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.9	U	94.9	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.5	U	90.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.7	U	88.7	140	180	ug/Kg
208-96-8	Acenaphthylene	120	J	94	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.4	U	90.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.9	U	96.9	140	180	ug/Kg
83-32-9	Acenaphthene	88.1	U	88.1	140	180	ug/Kg
Total PAH	Total PAH	19130	U	1438.4	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.7	U	91.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	184	U	184	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.6	U	93.6	140	180	ug/Kg
84-66-2	Diethylphthalate	87	U	87	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93	U	93	140	180	ug/Kg
86-73-7	Fluorene	92.9	U	92.9	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.6	U	88.6	140	180	ug/Kg
103-33-3	Azobenzene	86.5	U	86.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.7	U	85.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92.3	U	92.3	140	180	ug/Kg
1912-24-9	Atrazine	99.3	U	99.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3B	SDG No.:	BF091024
Lab Sample ID:	P3905-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139300.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84	U	84	290	360	ug/Kg
85-01-8	Phenanthrene	780		91.2	140	180	ug/Kg
120-12-7	Anthracene	230		91.7	140	180	ug/Kg
86-74-8	Carbazole	87.2	U	87.2	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.6	U	91.6	140	180	ug/Kg
206-44-0	Fluoranthene	3000	E	88.7	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	2400		90.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	2100		87.7	140	180	ug/Kg
218-01-9	Chrysene	2000		86.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.8	U	98.8	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000	E	88.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		89.7	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	2200		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	940		84.8	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260		88.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		87	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.3	U	94.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.1	U	81.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.4	U	90.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.192		18-112		65	SPK: -150
13127-88-3	Phenol-d6	96.227		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	71.662		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	73.273		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3B	SDG No.:	BF091024
Lab Sample ID:	P3905-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139300.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.691		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	61.25		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121029	6.886				
1146-65-2	Naphthalene-d8	441579	8.169				
15067-26-2	Acenaphthene-d10	224068	9.927				
1517-22-2	Phenanthrene-d10	329544	11.41				
1719-03-5	Chrysene-d12	191856	14.057				
1520-96-3	Perylene-d12	168815	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.216	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.116	
000119-61-9	Benzophenone	230	J			10.639	
000613-12-7	Anthracene, 2-methyl-	180	J			11.916	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	420	J			11.939	
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J			12.027	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	130	J			12.21	
000781-43-1	9,10-Dimethylanthracene	210	J			12.463	
000781-17-9	Pyrene, 4,5,9,10-tetrahydro-	170	J			12.498	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			12.551	
002381-21-7	Pyrene, 1-methyl-	120	J			13.074	
000238-84-6	11H-Benzo[a]fluorene	180	J			13.18	
	unknown14.827	120	J			14.827	
094154-49-1	4,6-Biazulenyl	270	J			14.933	
000192-97-2	Benzo[e]pyrene	410	J			15.21	
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	200	J			15.31	
000205-82-3	Benzo[j]fluoranthene	1400	J			15.41	
000215-58-7	Benzo[b]triphenylene	160	J			17.192	
000213-46-7	Picene	150	J			17.25	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	TP-3B	SDG No.:	BF091024
Lab Sample ID:	P3905-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139300.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000191-26-4	Dibenzo[def,mno]chrysene	300	J			17.698	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-35	SDG No.:	BF091024
Lab Sample ID:	P3917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF139301.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92	U	92	290	350	ug/Kg
110-86-1	Pyridine	84.6	U	84.6	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.8	U	87.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.7	U	88.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.5	U	88.5	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.6	U	89.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	91.1	U	91.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.6	U	91.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.9	U	87.9	290	350	ug/Kg
95-48-7	2-Methylphenol	85.4	U	85.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96.3	U	96.3	140	180	ug/Kg
98-86-2	Acetophenone	92.1	U	92.1	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.5	U	84.5	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.7	U	42.7	84.8	84.8	ug/Kg
67-72-1	Hexachloroethane	87.9	U	87.9	140	180	ug/Kg
98-95-3	Nitrobenzene	96.2	U	96.2	140	180	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.7	U	98.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.9	U	90.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80	U	80	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.5	U	90.5	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.5	U	87.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.5	U	87.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88.2	U	88.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-35	SDG No.:	BF091024
Lab Sample ID:	P3917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF139301.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92	U	92	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.1	U	82.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.4	U	87.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.6	U	75.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.4	U	78.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.6	U	92.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88.2	U	88.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.6	U	86.6	140	180	ug/Kg
208-96-8	Acenaphthylene	91.6	U	91.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	88.1	U	88.1	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.5	U	94.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.9	U	85.9	140	180	ug/Kg
Total PAH	Total PAH	1932.3	U	1403.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.4	U	89.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79.4	U	179.4	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.3	U	91.3	140	180	ug/Kg
84-66-2	Diethylphthalate	84.9	U	84.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.7	U	90.7	140	180	ug/Kg
86-73-7	Fluorene	90.6	U	90.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.4	U	86.4	140	180	ug/Kg
103-33-3	Azobenzene	84.3	U	84.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.6	U	83.6	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	140	180	ug/Kg
1912-24-9	Atrazine	96.8	U	96.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-35	SDG No.:	BF091024
Lab Sample ID:	P3917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF139301.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.9	U	81.9	290	350	ug/Kg
85-01-8	Phenanthrene	200		89	140	180	ug/Kg
120-12-7	Anthracene	89.4	U	89.4	140	180	ug/Kg
86-74-8	Carbazole	85.1	U	85.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.3	U	89.3	140	180	ug/Kg
206-44-0	Fluoranthene	310		86.6	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	210		87.9	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	210		85.5	140	180	ug/Kg
218-01-9	Chrysene	190		84.2	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	96.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		85.9	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	87.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	210		98.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92.3	J	82.7	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	84.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92	U	92	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.1	U	79.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	88.1	U	88.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.248		18-112		47	SPK: -150
13127-88-3	Phenol-d6	70.482		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	52.628		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	56.556		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	DN-B-35	SDG No.:	BF091024
Lab Sample ID:	P3917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.7
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
BF139301.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.018		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	47.301		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114080	6.887				
1146-65-2	Naphthalene-d8	420794	8.169				
15067-26-2	Acenaphthene-d10	214377	9.922				
1517-22-2	Phenanthrene-d10	313894	11.41				
1719-03-5	Chrysene-d12	188423	14.051				
1520-96-3	Perylene-d12	159327	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.104	
000119-61-9	Benzophenone	180	J			10.633	
000057-10-3	n-Hexadecanoic acid	360	J			11.939	
000057-11-4	Octadecanoic acid	72.7	J			12.722	
000930-02-9	Octadecane, 1-(ethenyl-oxo)-	240	J			13.904	
000629-92-5	Nonadecane	240	J			15.18	
000638-66-4	Octadecanal	150	J			15.774	
000629-94-7	Heneicosane	490	J			16.015	
1000130-82-7	Z-11-Tetradecen-1-ol difluoroaceta	220	J			16.827	
013475-76-8	Docosane, 11-butyl-	100	J			17.139	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091024
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139302.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	850	1000	ug/Kg
110-86-1	Pyridine	250	U	250	410	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	850	1000	ug/Kg
62-53-3	Aniline	310	U	310	410	540	ug/Kg
108-95-2	Phenol	260	U	260	410	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	260	U	260	410	540	ug/Kg
95-57-8	2-Chlorophenol	260	U	260	410	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	410	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	410	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	270	U	270	410	540	ug/Kg
100-51-6	Benzyl Alcohol	260	U	260	850	1000	ug/Kg
95-48-7	2-Methylphenol	260	U	260	410	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	410	540	ug/Kg
98-86-2	Acetophenone	270	U	270	410	540	ug/Kg
65794-96-9	3+4-Methylphenols	250	U	250	850	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	250	250	ug/Kg
67-72-1	Hexachloroethane	260	U	260	410	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	410	540	ug/Kg
78-59-1	Isophorone	270	U	270	410	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	540	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	290	410	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	410	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	410	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	410	540	ug/Kg
65-85-0	Benzoic acid	750	U	750	850	1000	ug/Kg
91-20-3	Naphthalene	260	U	260	410	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	410	540	ug/Kg
87-68-3	Hexachlorobutadiene	260	U	260	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091024
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139302.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	270	U	270	850	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	410	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	410	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	850	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	410	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	230	U	230	410	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	410	540	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	410	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	410	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	410	540	ug/Kg
208-96-8	Acenaphthylene	270	U	270	410	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	410	540	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	410	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	410	540	ug/Kg
Total PAH	Total PAH	4200	U	4200	410	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	770	U	770	850	1000	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	850	1000	ug/Kg
132-64-9	Dibenzofuran	270	U	270	410	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	630	U	530	410	1080	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	270	410	540	ug/Kg
84-66-2	Diethylphthalate	250	U	250	410	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	410	540	ug/Kg
86-73-7	Fluorene	270	U	270	410	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	410	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	850	1000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	410	540	ug/Kg
103-33-3	Azobenzene	250	U	250	410	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	410	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	410	540	ug/Kg
1912-24-9	Atrazine	290	U	290	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091024
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139302.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	240	U	240	850	1000	ug/Kg
85-01-8	Phenanthrene	270	U	270	410	540	ug/Kg
120-12-7	Anthracene	270	U	270	410	540	ug/Kg
86-74-8	Carbazole	250	U	250	410	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	410	540	ug/Kg
206-44-0	Fluoranthene	330	J	260	410	540	ug/Kg
92-87-5	Benzidine	520	U	520	850	1000	ug/Kg
129-00-0	Pyrene	260	U	260	410	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	410	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	310	850	1000	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	410	540	ug/Kg
218-01-9	Chrysene	250	U	250	410	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	410	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	850	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	340	J	260	410	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	410	540	ug/Kg
50-32-8	Benzo(a)pyrene	290	U	290	410	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	250	U	250	410	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	410	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	250	U	250	410	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	410	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	410	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	410	540	ug/Kg
90-12-0	1-Methylnaphthalene	260	U	260	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.77		18-112		62	SPK: -150
13127-88-3	Phenol-d6	93.075		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	67.845		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	76.49		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-01	SDG No.:	BF091024
Lab Sample ID:	P3906-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139302.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.19		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	60.715		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117694	6.887				
1146-65-2	Naphthalene-d8	421700	8.169				
15067-26-2	Acenaphthene-d10	217565	9.922				
1517-22-2	Phenanthrene-d10	318607	11.41				
1719-03-5	Chrysene-d12	205929	14.051				
1520-96-3	Perylene-d12	163660	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.169	
000057-10-3	n-Hexadecanoic acid	260	J			11.933	
000192-97-2	Benzo[e]pyrene	220	J			15.398	
	unknown16.827	260	J			16.827	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091024
Lab Sample ID:	P3906-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139303.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	860	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	540	ug/Kg
100-52-7	Benzaldehyde	580	U	580	860	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	540	ug/Kg
108-95-2	Phenol	270	U	270	420	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	540	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	540	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	860	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	540	ug/Kg
98-86-2	Acetophenone	280	U	280	420	540	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	860	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	540	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	540	ug/Kg
78-59-1	Isophorone	270	U	270	420	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	540	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	270	U	270	420	540	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	540	ug/Kg
65-85-0	Benzoic acid	760	U	760	860	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	420	540	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	420	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	540	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091024
Lab Sample ID:	P3906-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139303.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	860	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	540	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	420	540	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	860	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	540	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	540	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	420	540	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	540	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	540	ug/Kg
Total PAH	Total PAH	11940	U	4240	420	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	860	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	860	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1080	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	420	540	ug/Kg
86-73-7	Fluorene	270	U	270	420	540	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	860	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	540	ug/Kg
103-33-3	Azobenzene	250	U	250	420	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	540	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	540	ug/Kg
1912-24-9	Atrazine	290	U	290	420	540	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091024
Lab Sample ID:	P3906-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139303.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	860	1100	ug/Kg
85-01-8	Phenanthrene	1200		270	420	540	ug/Kg
120-12-7	Anthracene	310	J	270	420	540	ug/Kg
86-74-8	Carbazole	260	U	260	420	540	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	540	ug/Kg
206-44-0	Fluoranthene	2300		260	420	540	ug/Kg
92-87-5	Benzidine	520	U	520	860	1100	ug/Kg
129-00-0	Pyrene	1400		270	420	540	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	860	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1300		260	420	540	ug/Kg
218-01-9	Chrysene	1000		250	420	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	540	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	860	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		260	420	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	570		260	420	540	ug/Kg
50-32-8	Benzo(a)pyrene	1200		300	420	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	480	J	250	420	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480	J	260	420	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	540	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	540	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.9		18-112		57	SPK: -150
13127-88-3	Phenol-d6	88.245		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	63.33		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	72.775		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-02	SDG No.:	BF091024
Lab Sample ID:	P3906-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139303.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	79.84		10-116		53	SPK: -150
1718-51-0	Terphenyl-d14	57.895		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116607	6.887				
1146-65-2	Naphthalene-d8	426429	8.169				
15067-26-2	Acenaphthene-d10	217252	9.922				
1517-22-2	Phenanthrene-d10	314332	11.41				
1719-03-5	Chrysene-d12	209268	14.045				
1520-96-3	Perylene-d12	173673	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.169	
002531-84-2	Phenanthrene, 2-methyl-	320	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	380	J			12.022	
002381-21-7	Pyrene, 1-methyl-	240	J			13.175	
000629-78-7	Heptadecane	480	J			15.174	
000192-97-2	Benzo[e]pyrene	640	J			15.398	
000629-94-7	Heneicosane	430	J			16.004	
035215-32-8	Benz[a]anthracene-7,12-dicarbonitr	280	J			16.821	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-01	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
BF139304.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-01	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
BF139304.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-01	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
BF139304.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.897		10-139		95	SPK: -150
13127-88-3	Phenol-d6	139.711		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	106.528		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	106.086		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-01	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
BF139304.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.352		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	92.401		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116662	6.887				
1146-65-2	Naphthalene-d8	426223	8.169				
15067-26-2	Acenaphthene-d10	224010	9.922				
1517-22-2	Phenanthrene-d10	340765	11.41				
1719-03-5	Chrysene-d12	205850	14.045				
1520-96-3	Perylene-d12	156319	15.521				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MS	SDG No.:	BF091024
Lab Sample ID:	P3872-01MS	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
BF139305.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	110		40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	480		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	520		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	540		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	500		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	480		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	480		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	540		16	80	100	ug/L
95-48-7	2-Methylphenol	520		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	520		13.5	40	50	ug/L
98-86-2	Acetophenone	500		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	520		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	540		14.8	25	25	ug/L
67-72-1	Hexachloroethane	500		10.1	40	50	ug/L
98-95-3	Nitrobenzene	480		12.7	40	50	ug/L
78-59-1	Isophorone	540		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	560		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	620		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	530		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	530		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	440		54.7	80	100	ug/L
91-20-3	Naphthalene	500		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	66.2		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MS	SDG No.:	BF091024
Lab Sample ID:	P3872-01MS	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
BF139305.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	420		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	540		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	510		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	500		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	540		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	550		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	530		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	280		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	8300		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	840	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1060		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	530		15.2	40	50	ug/L
84-66-2	Diethylphthalate	560		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	510		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	550		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	620		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	610		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	560		11.4	40	50	ug/L
1912-24-9	Atrazine	810	E	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MS	SDG No.:	BF091024
Lab Sample ID:	P3872-01MS	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
BF139305.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	540		8.9	40	50	ug/L
120-12-7	Anthracene	560		10.7	40	50	ug/L
86-74-8	Carbazole	520		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	670		14.7	40	50	ug/L
206-44-0	Fluoranthene	510		12.9	40	50	ug/L
92-87-5	Benzidine	180		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	720		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	440		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	540		9.4	40	50	ug/L
218-01-9	Chrysene	560		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	830	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	740		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	610		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	620		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	600		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	370		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	510		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	490		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.469		10-139		94	SPK: -150
13127-88-3	Phenol-d6	135.64		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	100.88		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	101.216		52-132		101	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MS	SDG No.:	BF091024
Lab Sample ID:	P3872-01MS	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
BF139305.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	143.379		44-137		96	SPK: -150
1718-51-0	Terphenyl-d14	87.823		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111006	6.893				
1146-65-2	Naphthalene-d8	415379	8.169				
15067-26-2	Acenaphthene-d10	219134	9.928				
1517-22-2	Phenanthrene-d10	331421	11.416				
1719-03-5	Chrysene-d12	196146	14.051				
1520-96-3	Perylene-d12	162684	15.527				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MSD	SDG No.:	BF091024
Lab Sample ID:	P3872-01MSD	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
BF139306.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		10.3	80	100	ug/L
110-86-1	Pyridine	310		15.5	40	50	ug/L
100-52-7	Benzaldehyde	110		40	80	100	ug/L
62-53-3	Aniline	200		16	40	50	ug/L
108-95-2	Phenol	450		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	510		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	500		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	480		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	470		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	510		16	80	100	ug/L
95-48-7	2-Methylphenol	490		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	500		13.5	40	50	ug/L
98-86-2	Acetophenone	490		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	490		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	520		14.8	25	25	ug/L
67-72-1	Hexachloroethane	480		10.1	40	50	ug/L
98-95-3	Nitrobenzene	480		12.7	40	50	ug/L
78-59-1	Isophorone	530		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	570		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	620		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	520		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	520		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	480		11	40	50	ug/L
65-85-0	Benzoic acid	440		54.7	80	100	ug/L
91-20-3	Naphthalene	490		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	54.7		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	500		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MSD	SDG No.:	BF091024
Lab Sample ID:	P3872-01MSD	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
BF139306.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	410		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	520		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	510		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	550		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	520		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	510		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	550		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	570		9.3	40	50	ug/L
208-96-8	Acenaphthylene	540		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	530		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	280		13.7	40	50	ug/L
83-32-9	Acenaphthene	560		8.1	40	50	ug/L
Total PAH	Total PAH	8180		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	860	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	520		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	540		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	070		27.6	40	100	ug/L
84-66-2	Diethylphthalate	570		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	520		9.8	40	50	ug/L
86-73-7	Fluorene	500		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	450		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	550		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	600		8.9	40	50	ug/L
103-33-3	Azobenzene	520		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	590		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	540		11.4	40	50	ug/L
1912-24-9	Atrazine	800		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MSD	SDG No.:	BF091024
Lab Sample ID:	P3872-01MSD	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
BF139306.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	530		8.9	40	50	ug/L
120-12-7	Anthracene	550		10.7	40	50	ug/L
86-74-8	Carbazole	510		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	670		14.7	40	50	ug/L
206-44-0	Fluoranthene	500		12.9	40	50	ug/L
92-87-5	Benzidine	210		40.7	80	100	ug/L
129-00-0	Pyrene	420		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	740		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	430		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	520		9.4	40	50	ug/L
218-01-9	Chrysene	550		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	840	E	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	730		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	630		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	590		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	580		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	430		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	430		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	360		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	390		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	480		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	133.987		10-139		89	SPK: -150
13127-88-3	Phenol-d6	131.272		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	100.445		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	102.072		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-S-07-202409MSD	SDG No.:	BF091024
Lab Sample ID:	P3872-01MSD	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
BF139306.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	146.34		44-137		98	SPK: -150
1718-51-0	Terphenyl-d14	88.814		48-125		89	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122660	6.887				
1146-65-2	Naphthalene-d8	442373	8.169				
15067-26-2	Acenaphthene-d10	229006	9.928				
1517-22-2	Phenanthrene-d10	360028	11.41				
1719-03-5	Chrysene-d12	208038	14.051				
1520-96-3	Perylene-d12	169034	15.521				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-W-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-02	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
BF139307.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-W-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-02	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
BF139307.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

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

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-W-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-02	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
BF139307.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	117.57		10-139		78	SPK: -150
13127-88-3	Phenol-d6	112.116		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	89.99		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	92.992		52-132		93	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	WC-W-07-202409	SDG No.:	BF091024
Lab Sample ID:	P3872-02	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
BF139307.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.178		44-137		91	SPK: -150
1718-51-0	Terphenyl-d14	87.872		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114546	6.886				
1146-65-2	Naphthalene-d8	423746	8.169				
15067-26-2	Acenaphthene-d10	218204	9.922				
1517-22-2	Phenanthrene-d10	329221	11.41				
1719-03-5	Chrysene-d12	210160	14.045				
1520-96-3	Perylene-d12	156633	15.521				

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	ARS20-005	SDG No.:	BF091024
Lab Sample ID:	P3892-02	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
BF139308.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

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

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	ARS20-005	SDG No.:	BF091024
Lab Sample ID:	P3892-02	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
BF139308.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

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

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	ARS20-005	SDG No.:	BF091024
Lab Sample ID:	P3892-02	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
BF139308.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	108.588		10-139		72	SPK: -150
13127-88-3	Phenol-d6	100.602		10-134		67	SPK: -150
4165-60-0	Nitrobenzene-d5	86.648		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	91.749		52-132		92	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	ARS20-005	SDG No.:	BF091024
Lab Sample ID:	P3892-02	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
BF139308.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163259

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.781		44-137		89	SPK: -150
1718-51-0	Terphenyl-d14	92.928		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114398	6.887				
1146-65-2	Naphthalene-d8	418582	8.169				
15067-26-2	Acenaphthene-d10	217865	9.922				
1517-22-2	Phenanthrene-d10	329963	11.41				
1719-03-5	Chrysene-d12	205914	14.045				
1520-96-3	Perylene-d12	158592	15.521				

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	252805	SDG No.:	BF091024
Lab Sample ID:	P3853-01	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
BF139309.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	12		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	200	E	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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	252805	SDG No.:	BF091024
Lab Sample ID:	P3853-01	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
BF139309.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	26		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	252805	SDG No.:	BF091024
Lab Sample ID:	P3853-01	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
BF139309.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	2	J	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	5.3		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	56.473		10-139		38	SPK: -150
13127-88-3	Phenol-d6	37.361		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	79.36		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	86.578		52-132		87	SPK: -100

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	252805	SDG No.:	BF091024
Lab Sample ID:	P3853-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139309.D	1	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163274

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	115.431		44-137		77	SPK: -150
1718-51-0	Terphenyl-d14	72.719		48-125		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112521	6.887				
1146-65-2	Naphthalene-d8	405593	8.169				
15067-26-2	Acenaphthene-d10	205190	9.922				
1517-22-2	Phenanthrene-d10	300479	11.41				
1719-03-5	Chrysene-d12	187491	14.045				
1520-96-3	Perylene-d12	146626	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	200	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.4	A			5.104	
000109-52-4	Pentanoic acid	7.8	J			5.645	
000111-76-2	Ethanol, 2-butoxy-	17.5	J			5.834	
000104-76-7	1-Hexanol, 2-ethyl-	5.4	J			6.945	
000149-57-5	Hexanoic acid, 2-ethyl-	3.4	J			7.557	
003302-10-1	Hexanoic acid, 3,5,5-trimethyl-	31	J			7.734	
000097-85-8	Propanoic acid, 2-methyl-, 2-methyl-	3.2	J			9.122	
000101-83-7	Cyclohexanamine, N-cyclohexyl-	6.6	J			9.598	
006846-50-0	2,2,4-Trimethyl-1,3-pentanediol di	2.9	J			10.328	
	unknown10.874	5.2	J			10.874	
000115-96-8	Tri(2-chloroethyl) phosphate	8.3	J			11.127	
050286-30-1	E-9-Tetradecenoic acid	2.1	J			12.657	
000090-30-2	1-Naphthalenamine, N-phenyl-	12.8	J			12.851	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091024
Lab Sample ID:	P3907-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
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
BF139310.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	920	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	920	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	580	ug/Kg
108-95-2	Phenol	280	U	280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	440	580	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	440	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	920	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	580	ug/Kg
98-86-2	Acetophenone	290	U	290	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	920	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	580	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	580	ug/Kg
78-59-1	Isophorone	290	U	290	440	580	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	580	ug/Kg
65-85-0	Benzoic acid	800	U	800	920	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	580	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091024
Lab Sample ID:	P3907-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
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
BF139310.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	920	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	920	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	580	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	580	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	580	ug/Kg
208-96-8	Acenaphthylene	290	U	290	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	580	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	580	ug/Kg
83-32-9	Acenaphthene	280	U	280	440	580	ug/Kg
Total PAH	Total PAH	16280	U	4500	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	820	U	820	920	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	920	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	440	580	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1160	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	580	ug/Kg
86-73-7	Fluorene	290	U	290	440	580	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	920	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	440	580	ug/Kg
103-33-3	Azobenzene	270	U	270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	580	ug/Kg
1912-24-9	Atrazine	310	U	310	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091024
Lab Sample ID:	P3907-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
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
BF139310.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	920	1100	ug/Kg
85-01-8	Phenanthrene	1900		280	440	580	ug/Kg
120-12-7	Anthracene	290	U	290	440	580	ug/Kg
86-74-8	Carbazole	270	U	270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	580	ug/Kg
206-44-0	Fluoranthene	3200		280	440	580	ug/Kg
92-87-5	Benzidine	550	U	550	920	1100	ug/Kg
129-00-0	Pyrene	2200		280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	920	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1600		270	440	580	ug/Kg
218-01-9	Chrysene	1500		270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	920	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		280	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	690		280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	1600		320	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	610		260	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	440	580	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.37		18-112		58	SPK: -150
13127-88-3	Phenol-d6	90.035		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	64.34		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	73.205		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-54	SDG No.:	BF091024
Lab Sample ID:	P3907-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
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
BF139310.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.885		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	58.175		10-105		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105160	6.887				
1146-65-2	Naphthalene-d8	386060	8.169				
15067-26-2	Acenaphthene-d10	196955	9.922				
1517-22-2	Phenanthrene-d10	290587	11.41				
1719-03-5	Chrysene-d12	178515	14.045				
1520-96-3	Perylene-d12	146194	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.169	
002531-84-2	Phenanthrene, 2-methyl-	340	J			11.91	
000613-12-7	Anthracene, 2-methyl-	430	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	700	J			12.022	
000084-65-1	9,10-Anthracenedione	260	J			12.227	
003674-66-6	Phenanthrene, 2,5-dimethyl-	290	J			12.457	
002381-21-7	Pyrene, 1-methyl-	280	J			13.069	
000238-84-6	11H-Benzo[a]fluorene	380	J			13.175	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	240	J			13.792	
000638-66-4	Octadecanal	450	J			14.98	
000192-97-2	Benzo[e]pyrene	490	J			15.198	
000205-82-3	Benzo[i]fluoranthene	1100	J			15.398	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091024
Lab Sample ID:	P3906-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF139311.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	930	1100	ug/Kg
110-86-1	Pyridine	270	U	270	450	590	ug/Kg
100-52-7	Benzaldehyde	630	U	630	930	1100	ug/Kg
62-53-3	Aniline	330	U	330	450	590	ug/Kg
108-95-2	Phenol	290	U	290	450	590	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	450	590	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	450	590	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	450	590	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	450	590	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	450	590	ug/Kg
100-51-6	Benzyl Alcohol	290	U	290	930	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	450	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	450	590	ug/Kg
98-86-2	Acetophenone	300	U	300	450	590	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	280	280	ug/Kg
67-72-1	Hexachloroethane	290	U	290	450	590	ug/Kg
98-95-3	Nitrobenzene	310	U	310	450	590	ug/Kg
78-59-1	Isophorone	290	U	290	450	590	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	590	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	450	590	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	300	450	590	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	450	590	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	450	590	ug/Kg
65-85-0	Benzoic acid	820	U	820	930	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	450	590	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	450	590	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091024
Lab Sample ID:	P3906-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF139311.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	300	U	300	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	450	590	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	450	590	ug/Kg
77-47-4	Hexachlorocyclopentadiene	540	U	540	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	450	590	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	450	590	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	450	590	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	590	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	450	590	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	450	590	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	590	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	450	590	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	450	590	ug/Kg
83-32-9	Acenaphthene	280	U	280	450	590	ug/Kg
Total PAH	Total PAH	6690	U	4560	450	9440	ug/Kg
51-28-5	2,4-Dinitrophenol	840	U	840	930	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	930	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	450	590	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	450	1180	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	450	590	ug/Kg
84-66-2	Diethylphthalate	280	U	280	450	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	450	590	ug/Kg
86-73-7	Fluorene	290	U	290	450	590	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	450	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	450	590	ug/Kg
103-33-3	Azobenzene	270	U	270	450	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	450	590	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	450	590	ug/Kg
1912-24-9	Atrazine	310	U	310	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091024
Lab Sample ID:	P3906-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF139311.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	270	U	270	930	1100	ug/Kg
85-01-8	Phenanthrene	430	J	290	450	590	ug/Kg
120-12-7	Anthracene	290	U	290	450	590	ug/Kg
86-74-8	Carbazole	280	U	280	450	590	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	450	590	ug/Kg
206-44-0	Fluoranthene	1200		280	450	590	ug/Kg
92-87-5	Benzidine	560	U	560	930	1100	ug/Kg
129-00-0	Pyrene	850		290	450	590	ug/Kg
85-68-7	Butylbenzylphthalate	480	J	330	450	590	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	650		280	450	590	ug/Kg
218-01-9	Chrysene	710		270	450	590	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	450	590	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		280	450	590	ug/Kg
207-08-9	Benzo(k)fluoranthene	440	J	280	450	590	ug/Kg
50-32-8	Benzo(a)pyrene	760		320	450	590	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310	J	270	450	590	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	450	590	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380	J	280	450	590	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	450	590	ug/Kg
123-91-1	1,4-Dioxane	380	U	380	450	590	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	450	590	ug/Kg
90-12-0	1-Methylnaphthalene	290	U	290	590	590	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.295		18-112		69	SPK: -150
13127-88-3	Phenol-d6	105.36		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	77.495		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	89.31		20-109		89	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SU-701-COMP-03	SDG No.:	BF091024
Lab Sample ID:	P3906-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.9
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
BF139311.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.685		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	70.065		10-105		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103329	6.887				
1146-65-2	Naphthalene-d8	375890	8.169				
15067-26-2	Acenaphthene-d10	190642	9.922				
1517-22-2	Phenanthrene-d10	274076	11.41				
1719-03-5	Chrysene-d12	184140	14.045				
1520-96-3	Perylene-d12	138852	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.163	
000610-48-0	Anthracene, 1-methyl-	440	J			11.933	
001599-67-3	1-Docosene	290	J			13.892	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	570	J			14.527	
000638-66-4	Octadecanal	580	J			14.974	
000593-45-3	Octadecane	230	J			15.174	
	unknown15.198	880	J			15.198	
000192-97-2	Benzo[e]pyrene	470	J			15.392	
000630-02-4	Octacosane	380	J			16.004	
000986-19-6	Cholest-5-ene, 3-ethoxy-, (3.beta.	850	J			17.609	
	unknown17.851	530	J			17.851	

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091024
Lab Sample ID:	P3907-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139312.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	920	1100	ug/Kg
110-86-1	Pyridine	270	U	270	440	580	ug/Kg
100-52-7	Benzaldehyde	620	U	620	920	1100	ug/Kg
62-53-3	Aniline	330	U	330	440	580	ug/Kg
108-95-2	Phenol	280	U	280	440	580	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	440	580	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	440	580	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	440	580	ug/Kg
541-73-1	1,3-Dichlorobenzene	290	U	290	440	580	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	440	580	ug/Kg
100-51-6	Benzyl Alcohol	280	U	280	920	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	440	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	440	580	ug/Kg
98-86-2	Acetophenone	300	U	300	440	580	ug/Kg
65794-96-9	3+4-Methylphenols	270	U	270	920	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	270	270	ug/Kg
67-72-1	Hexachloroethane	280	U	280	440	580	ug/Kg
98-95-3	Nitrobenzene	310	U	310	440	580	ug/Kg
78-59-1	Isophorone	290	U	290	440	580	ug/Kg
88-75-5	2-Nitrophenol	320	U	320	440	580	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	440	580	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	U	290	440	580	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	440	580	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	440	580	ug/Kg
65-85-0	Benzoic acid	810	U	810	920	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	440	580	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	440	580	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091024
Lab Sample ID:	P3907-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139312.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	300	U	300	920	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	440	580	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	440	580	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530	U	530	920	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	440	580	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	440	580	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	440	580	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	440	580	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	440	580	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	440	580	ug/Kg
208-96-8	Acenaphthylene	300	U	300	440	580	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	440	580	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	440	580	ug/Kg
83-32-9	Acenaphthene	280	U	280	440	580	ug/Kg
Total PAH	Total PAH	10440	U	4540	440	9280	ug/Kg
51-28-5	2,4-Dinitrophenol	830	U	830	920	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	920	1100	ug/Kg
132-64-9	Dibenzofuran	290	U	290	440	580	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	440	1160	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	440	580	ug/Kg
84-66-2	Diethylphthalate	270	U	270	440	580	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	440	580	ug/Kg
86-73-7	Fluorene	290	U	290	440	580	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	440	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	920	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	440	580	ug/Kg
103-33-3	Azobenzene	270	U	270	440	580	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	440	580	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	440	580	ug/Kg
1912-24-9	Atrazine	310	U	310	440	580	ug/Kg

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091024
Lab Sample ID:	P3907-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139312.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	920	1100	ug/Kg
85-01-8	Phenanthrene	910		290	440	580	ug/Kg
120-12-7	Anthracene	290	U	290	440	580	ug/Kg
86-74-8	Carbazole	270	U	270	440	580	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	440	580	ug/Kg
206-44-0	Fluoranthene	2100		280	440	580	ug/Kg
92-87-5	Benzidine	560	U	560	920	1100	ug/Kg
129-00-0	Pyrene	1300		280	440	580	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	440	580	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	920	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1200		280	440	580	ug/Kg
218-01-9	Chrysene	990		270	440	580	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	440	580	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	920	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		280	440	580	ug/Kg
207-08-9	Benzo(k)fluoranthene	480	J	280	440	580	ug/Kg
50-32-8	Benzo(a)pyrene	1100		320	440	580	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	J	270	440	580	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	440	580	ug/Kg
191-24-2	Benzo(g,h,i)perylene	430	J	270	440	580	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	440	580	ug/Kg
123-91-1	1,4-Dioxane	380	U	380	440	580	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	440	580	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	580	580	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	89.805		18-112		60	SPK: -150
13127-88-3	Phenol-d6	90.81		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	67.6		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	75.915		20-109		76	SPK: -100

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	PL-701-COMP-55	SDG No.:	BF091024
Lab Sample ID:	P3907-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139312.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.385		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	56.855		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100381	6.887				
1146-65-2	Naphthalene-d8	362805	8.169				
15067-26-2	Acenaphthene-d10	179730	9.922				
1517-22-2	Phenanthrene-d10	260419	11.41				
1719-03-5	Chrysene-d12	185372	14.045				
1520-96-3	Perylene-d12	140593	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.163	
000057-10-3	n-Hexadecanoic acid	280	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	320	J			12.022	
000243-17-4	11H-Benzo[b]fluorene	270	J			13.174	
000192-97-2	Benzo[e]pyrene	570	J			15.398	

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SU-04-090924	SDG No.:	BF091024
Lab Sample ID:	P3916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF139313.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	580	U	580	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	420	550	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SU-04-090924	SDG No.:	BF091024
Lab Sample ID:	P3916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF139313.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	280	U	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
Total PAH	Total PAH	9120	U	4270	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	420	550	ug/Kg
86-73-7	Fluorene	270	U	270	420	550	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SU-04-090924	SDG No.:	BF091024
Lab Sample ID:	P3916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF139313.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	870	1100	ug/Kg
85-01-8	Phenanthrene	1400		270	420	550	ug/Kg
120-12-7	Anthracene	400	J	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	1900		260	420	550	ug/Kg
92-87-5	Benzidine	520	U	520	870	1100	ug/Kg
129-00-0	Pyrene	1200		270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	800		260	420	550	ug/Kg
218-01-9	Chrysene	600		260	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	350	J	270	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	770		300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	J	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	U	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370	J	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.735		18-112		48	SPK: -150
13127-88-3	Phenol-d6	70.43		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	51.08		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	61.98		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SU-04-090924	SDG No.:	BF091024
Lab Sample ID:	P3916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BF139313.D	5	9/10/2024 12:00:00 AM	9/10/2024 12:00:00 AM	PB163252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.005		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	50.325		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114183	6.886				
1146-65-2	Naphthalene-d8	403169	8.169				
15067-26-2	Acenaphthene-d10	184103	9.922				
1517-22-2	Phenanthrene-d10	278660	11.41				
1719-03-5	Chrysene-d12	184730	14.045				
1520-96-3	Perylene-d12	134226	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.157	
000832-69-9	Phenanthrene, 1-methyl-	320	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	370	J			12.021	
000238-84-6	11H-Benzo[a]fluorene	260	J			13.239	

Hit Summary Sheet SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : 252805								
P3853-01	252805	Water	1-Hexanol, 2-ethyl-	*	5.400	J		
P3853-01	252805	Water	1-Naphthalenamine, N-phenyl-	*	12.800	J		
P3853-01	252805	Water	2,2,4-Trimethyl-1,3-pentanediol d	*	2.900	J		
P3853-01	252805	Water	2-Pentanone, 4-hydroxy-4-methyl	*	5.400	A		
P3853-01	252805	Water	Butane, 2-methoxy-2-methyl-	*	200.000	J		
P3853-01	252805	Water	Cyclohexanamine, N-cyclohexyl-	*	6.600	J		
P3853-01	252805	Water	E-9-Tetradecenoic acid	*	2.100	J		
P3853-01	252805	Water	Ethanol, 2-butoxy-	*	17.500	J		
P3853-01	252805	Water	Hexanoic acid, 2-ethyl-	*	3.400	J		
P3853-01	252805	Water	Hexanoic acid, 3,5,5-trimethyl-	*	31.000	J		
P3853-01	252805	Water	Pentanoic acid	*	7.800	J		
P3853-01	252805	Water	Propanoic acid, 2-methyl-, 2-meth	*	3.200	J		
P3853-01	252805	Water	Tri(2-chloroethyl) phosphate	*	8.300	J		
P3853-01	252805	Water	unknown10.874	*	5.200	J		
Total Tics :					311.60			
P3853-01	252805	Water	Benzoic acid		200.000	E 5.5	10	ug/L
P3853-01	252805	Water	Benzyl Alcohol		12.000	1.6	10	ug/L
P3853-01	252805	Water	Bis(2-ethylhexyl)phthalate		5.300	1.9	5	ug/L
P3853-01	252805	Water	Caprolactam		26.000	1.7	10	ug/L
P3853-01	252805	Water	Di-n-butylphthalate		2.000	J 1.5	5	ug/L
Total Svoc :					245.30			
Total Concentration:					556.90			
Client ID : TP-3A								
P3905-01	TP-3A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3905-01	TP-3A	Solid	Benzo[e]pyrene	*	160.000	J		
P3905-01	TP-3A	Solid	Benzophenone	*	430.000	J		
P3905-01	TP-3A	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3905-01	TP-3A	Solid	Heptadecyl heptafluorobutyrate	*	120.000	J		
P3905-01	TP-3A	Solid	n-Hexadecanoic acid	*	180.000	J		
Total Tics :					3,200.00			
P3905-01	TP-3A	Solid	Benzo(a)anthracene		260.000	87.3	180	ug/Kg
P3905-01	TP-3A	Solid	Benzo(a)pyrene		290.000	100	180	ug/Kg
P3905-01	TP-3A	Solid	Benzo(b)fluoranthene		370.000	87.7	180	ug/Kg
P3905-01	TP-3A	Solid	Benzo(g,h,i)perylene		110.000	J 86.7	180	ug/Kg
P3905-01	TP-3A	Solid	Benzo(k)fluoranthene		140.000	J 89.4	180	ug/Kg
P3905-01	TP-3A	Solid	Chrysene		220.000	86	180	ug/Kg
P3905-01	TP-3A	Solid	Fluoranthene		380.000	88.4	180	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3905-01	TP-3A	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	84.5	180	ug/Kg
P3905-01	TP-3A	Solid	Phenanthrene	120.000	J	90.9	180	ug/Kg
P3905-01	TP-3A	Solid	Pyrene	320.000		89.8	180	ug/Kg
Total Svoc :				2,310.00				
Total Concentration:				5,510.00				
Client ID : TP-3B								
P3905-03	TP-3B	Solid	11H-Benzo[a]fluorene	*	180.000	J		
P3905-03	TP-3B	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	420.000	J		
P3905-03	TP-3B	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3905-03	TP-3B	Solid	4,6-Biazulenyl	*	270.000	J		
P3905-03	TP-3B	Solid	4H-Cyclopenta[def]phenanthrene	*	540.000	J		
P3905-03	TP-3B	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	130.000	J		
P3905-03	TP-3B	Solid	9,10-Dimethylanthracene	*	210.000	J		
P3905-03	TP-3B	Solid	Anthracene, 2-methyl-	*	180.000	J		
P3905-03	TP-3B	Solid	Benzo[b]triphenylene	*	160.000	J		
P3905-03	TP-3B	Solid	Benzo[e]pyrene	*	410.000	J		
P3905-03	TP-3B	Solid	Benzo[j]fluoranthene	*	1,400.000	J		
P3905-03	TP-3B	Solid	Benzophenone	*	230.000	J		
P3905-03	TP-3B	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3905-03	TP-3B	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P3905-03	TP-3B	Solid	Dibenzo[def,mno]chrysene	*	300.000	J		
P3905-03	TP-3B	Solid	Dinaphtho[1,2-b:1,2-d]furan	*	200.000	J		
P3905-03	TP-3B	Solid	Picene	*	150.000	J		
P3905-03	TP-3B	Solid	Pyrene, 1-methyl-	*	120.000	J		
P3905-03	TP-3B	Solid	Pyrene, 4,5,9,10-tetrahydro-	*	170.000	J		
P3905-03	TP-3B	Solid	unknown14.827	*	120.000	J		
Total Tics :				7,680.00				
P3905-03	TP-3B	Solid	Acenaphthylene	120.000	J	94	180	ug/Kg
P3905-03	TP-3B	Solid	Anthracene	230.000		91.7	180	ug/Kg
P3905-03	TP-3B	Solid	Benzo(a)anthracene	2,100.000		87.7	180	ug/Kg
P3905-03	TP-3B	Solid	Benzo(a)pyrene	2,200.000		100	180	ug/Kg
P3905-03	TP-3B	Solid	Benzo(b)fluoranthene	3,000.000	E	88.1	180	ug/Kg
P3905-03	TP-3B	Solid	Benzo(g,h,i)perylene	1,000.000		87	180	ug/Kg
P3905-03	TP-3B	Solid	Benzo(k)fluoranthene	1,100.000		89.7	180	ug/Kg
P3905-03	TP-3B	Solid	Chrysene	2,000.000		86.4	180	ug/Kg
P3905-03	TP-3B	Solid	Dibenzo(a,h)anthracene	260.000		88.2	180	ug/Kg
P3905-03	TP-3B	Solid	Fluoranthene	3,000.000	E	88.7	180	ug/Kg
P3905-03	TP-3B	Solid	Indeno(1,2,3-cd)pyrene	940.000		84.8	180	ug/Kg
P3905-03	TP-3B	Solid	Phenanthrene	780.000		91.2	180	ug/Kg
P3905-03	TP-3B	Solid	Pyrene	2,400.000		90.2	180	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	19,130.00				
			Total Concentration:	26,810.00				
Client ID :	COMP-1							
P3905-05	COMP-1	Solid	1-Heptacosanol	*	160.000	J		
P3905-05	COMP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	250.000	A		
P3905-05	COMP-1	Solid	9-Octadecenamide, (Z)-	*	130.000	J		
P3905-05	COMP-1	Solid	Benzo[e]pyrene	*	150.000	J		
P3905-05	COMP-1	Solid	Benzophenone	*	240.000	J		
P3905-05	COMP-1	Solid	Butane, 2-methoxy-2-methyl-	*	2,300.000	J		
P3905-05	COMP-1	Solid	n-Hexadecanoic acid	*	360.000	J		
			Total Tics :	3,590.00				
P3905-05	COMP-1	Solid	Benzo(a)anthracene		200.000	88.1	190	ug/Kg
P3905-05	COMP-1	Solid	Benzo(a)pyrene		260.000	100	190	ug/Kg
P3905-05	COMP-1	Solid	Benzo(b)fluoranthene		310.000	88.5	190	ug/Kg
P3905-05	COMP-1	Solid	Benzo(g,h,i)perylene	J	130.000	87.4	190	ug/Kg
P3905-05	COMP-1	Solid	Benzo(k)fluoranthene	J	110.000	90.2	190	ug/Kg
P3905-05	COMP-1	Solid	Chrysene	J	180.000	86.8	190	ug/Kg
P3905-05	COMP-1	Solid	Fluoranthene		280.000	89.2	190	ug/Kg
P3905-05	COMP-1	Solid	Indeno(1,2,3-cd)pyrene	J	120.000	85.2	190	ug/Kg
P3905-05	COMP-1	Solid	Phenanthrene	J	100.000	91.7	190	ug/Kg
P3905-05	COMP-1	Solid	Pyrene		280.000	90.6	190	ug/Kg
			Total Svoc :	1,970.00				
			Total Concentration:	5,560.00				
Client ID :	SU-701-COMP-01							
P3906-01	SU-701-COMP-01	Solid	Benzo[e]pyrene	*	220.000	J		
P3906-01	SU-701-COMP-01	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3906-01	SU-701-COMP-01	Solid	n-Hexadecanoic acid	*	260.000	J		
P3906-01	SU-701-COMP-01	Solid	unknown16.827	*	260.000	J		
			Total Tics :	2,040.00				
P3906-01	SU-701-COMP-01	Solid	Benzo(b)fluoranthene	J	340.000	260	540	ug/Kg
P3906-01	SU-701-COMP-01	Solid	Fluoranthene	J	330.000	260	540	ug/Kg
			Total Svoc :	670.00				
			Total Concentration:	2,710.00				
Client ID :	SU-701-COMP-02							
P3906-07	SU-701-COMP-02	Solid	4H-Cyclopenta[def]phenanthrene	*	380.000	J		
P3906-07	SU-701-COMP-02	Solid	Benz[a]anthracene-7,12-dicarboni	*	280.000	J		
P3906-07	SU-701-COMP-02	Solid	Benzo[e]pyrene	*	640.000	J		
P3906-07	SU-701-COMP-02	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3906-07	SU-701-COMP-02	Solid	Heneicosane	*	430.000	J		

Hit Summary Sheet SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3906-07	SU-701-COMP-02	Solid	Heptadecane	*	480.000	J		
P3906-07	SU-701-COMP-02	Solid	Phenanthrene, 2-methyl-	*	320.000	J		
P3906-07	SU-701-COMP-02	Solid	Pyrene, 1-methyl-	*	240.000	J		
Total Tics :				4,070.00				
P3906-07	SU-701-COMP-02	Solid	Anthracene		310.000	J	270	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Benzo(a)anthracene		1,300.000		260	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Benzo(a)pyrene		1,200.000		300	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Benzo(b)fluoranthene		1,700.000		260	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Benzo(g,h,i)perylene		480.000	J	260	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Benzo(k)fluoranthene		570.000		260	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Chrysene		1,000.000		250	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Fluoranthene		2,300.000		260	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Indeno(1,2,3-cd)pyrene		480.000	J	250	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Phenanthrene		1,200.000		270	ug/Kg
P3906-07	SU-701-COMP-02	Solid	Pyrene		1,400.000		270	ug/Kg
Total Svoc :				11,940.00				
Total Concentration:				16,010.00				
Client ID : SU-701-COMP-03								
P3906-13	SU-701-COMP-03	Solid	1-Docosene	*	290.000	J		
P3906-13	SU-701-COMP-03	Solid	Anthracene, 1-methyl-	*	440.000	J		
P3906-13	SU-701-COMP-03	Solid	Benzo[e]pyrene	*	470.000	J		
P3906-13	SU-701-COMP-03	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3906-13	SU-701-COMP-03	Solid	Cholest-5-ene, 3-ethoxy-, (3.beta.	*	850.000	J		
P3906-13	SU-701-COMP-03	Solid	Ethanol, 2-(tetradecyloxy)-	*	570.000	J		
P3906-13	SU-701-COMP-03	Solid	Octacosane	*	380.000	J		
P3906-13	SU-701-COMP-03	Solid	Octadecanal	*	580.000	J		
P3906-13	SU-701-COMP-03	Solid	Octadecane	*	230.000	J		
P3906-13	SU-701-COMP-03	Solid	unknown15.198	*	880.000	J		
P3906-13	SU-701-COMP-03	Solid	unknown17.851	*	530.000	J		
Total Tics :				6,620.00				
P3906-13	SU-701-COMP-03	Solid	Benzo(a)anthracene		650.000		280	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Benzo(a)pyrene		760.000		320	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Benzo(b)fluoranthene		960.000		280	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Benzo(g,h,i)perylene		380.000	J	280	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Benzo(k)fluoranthene		440.000	J	280	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Butylbenzylphthalate		480.000	J	330	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Chrysene		710.000		270	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Fluoranthene		1,200.000		280	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Indeno(1,2,3-cd)pyrene		310.000	J	270	ug/Kg
P3906-13	SU-701-COMP-03	Solid	Phenanthrene		430.000	J	290	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3906-13	SU-701-COMP-03	Solid	Pyrene	850.000		290	590	ug/Kg
Total Svoc :				7,170.00				
Total Concentration:				13,790.00				
Client ID : PL-701-COMP-54								
P3907-01	PL-701-COMP-54	Solid	11H-Benzo[a]fluorene	*	380.000	J		
P3907-01	PL-701-COMP-54	Solid	4H-Cyclopenta[def]phenanthrene	*	700.000	J		
P3907-01	PL-701-COMP-54	Solid	9,10-Anthracenedione	*	260.000	J		
P3907-01	PL-701-COMP-54	Solid	Anthracene, 2-methyl-	*	430.000	J		
P3907-01	PL-701-COMP-54	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	240.000	J		
P3907-01	PL-701-COMP-54	Solid	Benzo[e]pyrene	*	490.000	J		
P3907-01	PL-701-COMP-54	Solid	Benzo[j]fluoranthene	*	1,100.000	J		
P3907-01	PL-701-COMP-54	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P3907-01	PL-701-COMP-54	Solid	Octadecanal	*	450.000	J		
P3907-01	PL-701-COMP-54	Solid	Phenanthrene, 2,5-dimethyl-	*	290.000	J		
P3907-01	PL-701-COMP-54	Solid	Phenanthrene, 2-methyl-	*	340.000	J		
P3907-01	PL-701-COMP-54	Solid	Pyrene, 1-methyl-	*	280.000	J		
Total Tics :				6,260.00				
P3907-01	PL-701-COMP-54	Solid	Benzo(a)anthracene		1,600.000	270	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Benzo(a)pyrene		1,600.000	320	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Benzo(b)fluoranthene		2,300.000	280	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Benzo(g,h,i)perylene		680.000	270	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Benzo(k)fluoranthene		690.000	280	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Chrysene		1,500.000	270	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Fluoranthene		3,200.000	280	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Indeno(1,2,3-cd)pyrene		610.000	260	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Phenanthrene		1,900.000	280	580	ug/Kg
P3907-01	PL-701-COMP-54	Solid	Pyrene		2,200.000	280	580	ug/Kg
Total Svoc :				16,280.00				
Total Concentration:				22,540.00				
Client ID : PL-701-COMP-55								
P3907-07	PL-701-COMP-55	Solid	11H-Benzo[b]fluorene	*	270.000	J		
P3907-07	PL-701-COMP-55	Solid	4H-Cyclopenta[def]phenanthrene	*	320.000	J		
P3907-07	PL-701-COMP-55	Solid	Benzo[e]pyrene	*	570.000	J		
P3907-07	PL-701-COMP-55	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P3907-07	PL-701-COMP-55	Solid	n-Hexadecanoic acid	*	280.000	J		
Total Tics :				3,540.00				
P3907-07	PL-701-COMP-55	Solid	Benzo(a)anthracene		1,200.000	280	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Benzo(a)pyrene		1,100.000	320	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Benzo(b)fluoranthene		1,500.000	280	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Benzo(g,h,i)perylene		430.000	J	270	580

Hit Summary Sheet SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3907-07	PL-701-COMP-55	Solid	Benzo(k)fluoranthene	480.000	J	280	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Chrysene	990.000		270	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Fluoranthene	2,100.000		280	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Indeno(1,2,3-cd)pyrene	430.000	J	270	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Phenanthrene	910.000		290	580	ug/Kg
P3907-07	PL-701-COMP-55	Solid	Pyrene	1,300.000		280	580	ug/Kg
Total Svoc :				10,440.00				
Total Concentration:				13,980.00				

Client ID : SU-04-090924

P3916-01	SU-04-090924	Solid	11H-Benzo[a]fluorene	*	260.000	J		
P3916-01	SU-04-090924	Solid	4H-Cyclopenta[def]phenanthrene	*	370.000	J		
P3916-01	SU-04-090924	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P3916-01	SU-04-090924	Solid	Phenanthrene, 1-methyl-	*	320.000	J		
Total Tics :				2,150.00				
P3916-01	SU-04-090924	Solid	Anthracene		400.000	J	270	ug/Kg
P3916-01	SU-04-090924	Solid	Benzo(a)anthracene		800.000		260	ug/Kg
P3916-01	SU-04-090924	Solid	Benzo(a)pyrene		770.000		300	ug/Kg
P3916-01	SU-04-090924	Solid	Benzo(b)fluoranthene		1,000.000		260	ug/Kg
P3916-01	SU-04-090924	Solid	Benzo(g,h,i)perylene		370.000	J	260	ug/Kg
P3916-01	SU-04-090924	Solid	Benzo(k)fluoranthene		350.000	J	270	ug/Kg
P3916-01	SU-04-090924	Solid	Chrysene		600.000		260	ug/Kg
P3916-01	SU-04-090924	Solid	Fluoranthene		1,900.000		260	ug/Kg
P3916-01	SU-04-090924	Solid	Indeno(1,2,3-cd)pyrene		330.000	J	250	ug/Kg
P3916-01	SU-04-090924	Solid	Phenanthrene		1,400.000		270	ug/Kg
P3916-01	SU-04-090924	Solid	Pyrene		1,200.000		270	ug/Kg
Total Svoc :				9,120.00				
Total Concentration:				11,270.00				

Client ID : DN-B-35

P3917-01	DN-B-35	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		
P3917-01	DN-B-35	Solid	Benzophenone	*	180.000	J		
P3917-01	DN-B-35	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P3917-01	DN-B-35	Solid	Docosane, 11-butyl-	*	100.000	J		
P3917-01	DN-B-35	Solid	Heneicosane	*	490.000	J		
P3917-01	DN-B-35	Solid	n-Hexadecanoic acid	*	360.000	J		
P3917-01	DN-B-35	Solid	Nonadecane	*	240.000	J		
P3917-01	DN-B-35	Solid	Octadecanal	*	150.000	J		
P3917-01	DN-B-35	Solid	Octadecane, 1-(ethenylloxy)-	*	240.000	J		
P3917-01	DN-B-35	Solid	Octadecanoic acid	*	72.700	J		
P3917-01	DN-B-35	Solid	Z-11-Tetradecen-1-ol difluoroacet	*	220.000	J		
Total Tics :				3,932.70				

Hit Summary Sheet SW-846

SDG No.: BF091024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3917-01	DN-B-35	Solid	Benzo(a)anthracene	210.000		85.5	180	ug/Kg
P3917-01	DN-B-35	Solid	Benzo(a)pyrene	210.000		98.5	180	ug/Kg
P3917-01	DN-B-35	Solid	Benzo(b)fluoranthene	280.000		85.9	180	ug/Kg
P3917-01	DN-B-35	Solid	Benzo(g,h,i)perylene	110.000	J	84.9	180	ug/Kg
P3917-01	DN-B-35	Solid	Benzo(k)fluoranthene	120.000	J	87.5	180	ug/Kg
P3917-01	DN-B-35	Solid	Bis(2-ethylhexyl)phthalate	170.000	J	96.4	180	ug/Kg
P3917-01	DN-B-35	Solid	Chrysene	190.000		84.2	180	ug/Kg
P3917-01	DN-B-35	Solid	Fluoranthene	310.000		86.6	180	ug/Kg
P3917-01	DN-B-35	Solid	Indeno(1,2,3-cd)pyrene	92.300	J	82.7	180	ug/Kg
P3917-01	DN-B-35	Solid	Phenanthrene	200.000		89	180	ug/Kg
P3917-01	DN-B-35	Solid	Pyrene	210.000		87.9	180	ug/Kg
Total Svoc :						2,102.30		
Total Concentration:						6,035.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF090424 SAS No.: BF090424 SDG No.: BF090424

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

Calibration Time(s): 11:39 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

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

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 12:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	130545	6.893	471691	8.18	256219	9.93
	UPPER LIMIT	261090	7.393	943382	8.675	512438	10.428
	LOWER LIMIT	65272.5	6.393	235845.5	7.675	128109.5	9.428
	EPA SAMPLE NO.						
01	PB163252BL	177459	6.89	677906	8.17	383053	9.93
02	PB163252BS	128326	6.89	478766	8.17	261903	9.93
03	COMP-1	119170	6.89	442964	8.17	244692	9.92
04	COMP-1MS	117233	6.89	441770	8.18	241730	9.93
05	COMP-1MSD	116269	6.89	428606	8.18	230175	9.93
06	TP-3A	117624	6.89	444590	8.17	237134	9.92
07	TP-3B	121029	6.89	441579	8.17	224068	9.93
08	DN-B-35	114080	6.89	420794	8.17	214377	9.92
09	SU-701-COMP-01	117694	6.89	421700	8.17	217565	9.92
10	SU-701-COMP-02	116607	6.89	426429	8.17	217252	9.92
11	WC-S-07-202409	116662	6.89	426223	8.17	224010	9.92
12	WC-S-07-202409MS	111006	6.89	415379	8.17	219134	9.93
13	WC-S-07-202409MSD	122660	6.89	442373	8.17	229006	9.93
14	WC-W-07-202409	114546	6.89	423746	8.17	218204	9.92
15	ARS20-005	114398	6.89	418582	8.17	217865	9.92
16	252805	112521	6.89	405593	8.17	205190	9.92
17	PL-701-COMP-54	105160	6.89	386060	8.17	196955	9.92
18	SU-701-COMP-03	103329	6.89	375890	8.17	190642	9.92
19	PL-701-COMP-55	100381	6.89	362805	8.17	179730	9.92
20	SU-04-090924	114183	6.89	403169	8.17	184103	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 22:00

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

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

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDCCC040

Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139293.D

Time Analyzed: 12:20

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	134947	6.886	498114	8.18	275982	9.93
	UPPER LIMIT	269894	7.386	996228	8.675	551964	10.427
	LOWER LIMIT	67473.5	6.386	249057	7.675	137991	9.427
	EPA SAMPLE NO.						
01	PB163252BL	177459	6.89	677906	8.17	383053	9.93
02	PB163252BS	128326	6.89	478766	8.17	261903	9.93
03	COMP-1	119170	6.89	442964	8.17	244692	9.92
04	COMP-1MS	117233	6.89	441770	8.18	241730	9.93
05	COMP-1MSD	116269	6.89	428606	8.18	230175	9.93
06	TP-3A	117624	6.89	444590	8.17	237134	9.92
07	TP-3B	121029	6.89	441579	8.17	224068	9.93
08	DN-B-35	114080	6.89	420794	8.17	214377	9.92
09	SU-701-COMP-01	117694	6.89	421700	8.17	217565	9.92
10	SU-701-COMP-02	116607	6.89	426429	8.17	217252	9.92
11	WC-S-07-202409	116662	6.89	426223	8.17	224010	9.92
12	WC-S-07-202409MS	111006	6.89	415379	8.17	219134	9.93
13	WC-S-07-202409MSD	122660	6.89	442373	8.17	229006	9.93
14	WC-W-07-202409	114546	6.89	423746	8.17	218204	9.92
15	ARS20-005	114398	6.89	418582	8.17	217865	9.92
16	252805	112521	6.89	405593	8.17	205190	9.92
17	PL-701-COMP-54	105160	6.89	386060	8.17	196955	9.92
18	SU-701-COMP-03	103329	6.89	375890	8.17	190642	9.92
19	PL-701-COMP-55	100381	6.89	362805	8.17	179730	9.92
20	SU-04-090924	114183	6.89	403169	8.17	184103	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139293.D Time Analyzed: 22:00

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	134947	6.886	498114	8.18	275982	9.93
UPPER LIMIT	269894	7.386	996228	8.675	551964	10.427
LOWER LIMIT	67473.5	6.386	249057	7.675	137991	9.427
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.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 12:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	463513	11.416	215446	14.051	225523	15.527
	UPPER LIMIT	927026	11.916	430892	14.551	451046	16.027
	LOWER LIMIT	231756.5	10.916	107723	13.551	112761.5	15.027
	EPA SAMPLE NO.						
01	PB163252BL	729865	11.41	473039 *	14.05	355320	15.53
02	PB163252BS	487030	11.42	254178	14.06	223368	15.53
03	COMP-1	415494	11.41	193845	14.05	220179	15.53
04	COMP-1MS	409553	11.42	194189	14.06	216112	15.53
05	COMP-1MSD	392137	11.42	196296	14.06	205553	15.53
06	TP-3A	380031	11.41	200845	14.05	193830	15.53
07	TP-3B	329544	11.41	191856	14.06	168815	15.53
08	DN-B-35	313894	11.41	188423	14.05	159327	15.53
09	SU-701-COMP-01	318607	11.41	205929	14.05	163660	15.53
10	SU-701-COMP-02	314332	11.41	209268	14.05	173673	15.52
11	WC-S-07-202409	340765	11.41	205850	14.05	156319	15.52
12	WC-S-07-202409MS	331421	11.42	196146	14.05	162684	15.53
13	WC-S-07-202409MSD	360028	11.41	208038	14.05	169034	15.52
14	WC-W-07-202409	329221	11.41	210160	14.05	156633	15.52
15	ARS20-005	329963	11.41	205914	14.05	158592	15.52
16	252805	300479	11.41	187491	14.05	146626	15.53
17	PL-701-COMP-54	290587	11.41	178515	14.05	146194	15.52
18	SU-701-COMP-03	274076	11.41	184140	14.05	138852	15.52
19	PL-701-COMP-55	260419	11.41	185372	14.05	140593	15.52
20	SU-04-090924	278660	11.41	184730	14.05	134226	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDICCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139238.D Time Analyzed: 22:00

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	463513	11.416	215446	14.051	225523	15.527
UPPER LIMIT	927026	11.916	430892	14.551	451046	16.027
LOWER LIMIT	231756.5	10.916	107723	13.551	112761.5	15.027
EPA SAMPLE NO.						

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.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139293.D Time Analyzed: 12:20

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	516208	11.41	267930	14.051	233637	15.527
	UPPER LIMIT	1032416	11.91	535860	14.551	467274	16.027
	LOWER LIMIT	258104	10.91	133965	13.551	116818.5	15.027
	EPA SAMPLE NO.						
01	PB163252BL	729865	11.41	473039	14.05	355320	15.53
02	PB163252BS	487030	11.42	254178	14.06	223368	15.53
03	COMP-1	415494	11.41	193845	14.05	220179	15.53
04	COMP-1MS	409553	11.42	194189	14.06	216112	15.53
05	COMP-1MSD	392137	11.42	196296	14.06	205553	15.53
06	TP-3A	380031	11.41	200845	14.05	193830	15.53
07	TP-3B	329544	11.41	191856	14.06	168815	15.53
08	DN-B-35	313894	11.41	188423	14.05	159327	15.53
09	SU-701-COMP-01	318607	11.41	205929	14.05	163660	15.53
10	SU-701-COMP-02	314332	11.41	209268	14.05	173673	15.52
11	WC-S-07-202409	340765	11.41	205850	14.05	156319	15.52
12	WC-S-07-202409MS	331421	11.42	196146	14.05	162684	15.53
13	WC-S-07-202409MSD	360028	11.41	208038	14.05	169034	15.52
14	WC-W-07-202409	329221	11.41	210160	14.05	156633	15.52
15	ARS20-005	329963	11.41	205914	14.05	158592	15.52
16	252805	300479	11.41	187491	14.05	146626	15.53
17	PL-701-COMP-54	290587	11.41	178515	14.05	146194	15.52
18	SU-701-COMP-03	274076	11.41	184140	14.05	138852	15.52
19	PL-701-COMP-55	260419	11.41	185372	14.05	140593	15.52
20	SU-04-090924	278660	11.41	184730	14.05	134226	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF091024 SAS No.: BF091024 SDG NO.: BF091024

EPA Sample No.: SSTDCCC040 Date Analyzed: Sep 10 2024 12:00AM

Lab File ID: BF139293.D Time Analyzed: 22:00

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	516208	11.41	267930	14.051	233637	15.527
UPPER LIMIT	1032416	11.91	535860	14.551	467274	16.027
LOWER LIMIT	258104	10.91	133965	13.551	116818.5	15.027
EPA SAMPLE NO.						

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

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

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163252BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	1400	ug/Kg	82				28	98	
	Benzaldehyde	1700	500	ug/Kg	29				10	133	
	Aniline	1700	1600	ug/Kg	94				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1900	ug/Kg	112				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	1000	ug/Kg	59				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	5900	ug/Kg	179		*		45	165	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1500	ug/Kg	88				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25900	ug/Kg	95				57	104	
	2,4-Dinitrophenol	3300	3300	ug/Kg	100				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF091024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163252BS	4-Nitrophenol	3300	3300	ug/Kg	100				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	2100	ug/Kg	124				47	152	
	Pentachlorophenol	3300	3200	ug/Kg	97				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1700	ug/Kg	100				57	107	
	Benzidine	3300	2600	ug/Kg	79				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	2200	ug/Kg	129		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB163252BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091024

SAS No.: BF091024 SDG NO.: BF091024

Lab File ID: BF139294.D

Lab Sample ID: PB163252BL

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/10/2024

Level: (low/med) LOW

Time Analyzed: 12:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163252BS	PB163252BS	BF139295.D	09/10/2024
COMP-1	P3905-05	BF139296.D	09/10/2024
COMP-1MS	P3905-05MS	BF139297.D	09/10/2024
COMP-1MSD	P3905-05MSD	BF139298.D	09/10/2024
TP-3A	P3905-01	BF139299.D	09/10/2024
TP-3B	P3905-03	BF139300.D	09/10/2024
DN-B-35	P3917-01	BF139301.D	09/10/2024
SU-701-COMP-01	P3906-01	BF139302.D	09/10/2024
SU-701-COMP-02	P3906-07	BF139303.D	09/10/2024
PL-701-COMP-54	P3907-01	BF139310.D	09/10/2024
SU-701-COMP-03	P3906-13	BF139311.D	09/10/2024
PL-701-COMP-55	P3907-07	BF139312.D	09/10/2024
SU-04-090924	P3916-01	BF139313.D	09/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-S-07-202409

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091024

SAS No.: BF091024 SDG NO.: BF091024

Lab File ID: BF139304.D

Lab Sample ID: P3872-01

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) water

Date Analyzed: 09/10/2024

Level: (low/med) LOW

Time Analyzed: 17:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-S-07-202409	P3872-01	BF139304.D	09/10/2024
WC-S-07-202409MS	P3872-01MS	BF139305.D	09/10/2024
WC-S-07-202409MSD	P3872-01MSD	BF139306.D	09/10/2024
WC-W-07-202409	P3872-02	BF139307.D	09/10/2024
ARS20-005	P3892-02	BF139308.D	09/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

252805

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF091024

SAS No.: BF091024 SDG NO.: BF091024

Lab File ID: BF139309.D

Lab Sample ID: P3853-01

Instrument ID: BNA_F

Date Extracted: 09/10/2024

Matrix: (soil/water) Water

Date Analyzed: 09/10/2024

Level: (low/med) LOW

Time Analyzed: 20:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
252805	P3853-01	BF139309.D	09/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3905-05MS		Client Sample ID: COMP-1MS		DataFile: BF139297.D							
n-Nitrosodimethylamine	1800		1600	ug/Kg	89				66	124	
Pyridine	1800		1500	ug/Kg	83				45	119	
Benzaldehyde	1800		560	ug/Kg	31				10	86	
Aniline	1800		1500	ug/Kg	83				10	88	
Phenol	1800		1700	ug/Kg	94				67	126	
bis(2-Chloroethyl)ether	1800		1800	ug/Kg	100				54	125	
2-Chlorophenol	1800		1800	ug/Kg	100				79	107	
1,2-Dichlorobenzene	1800		1700	ug/Kg	94				61	105	
1,3-Dichlorobenzene	1800		1600	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1800		1700	ug/Kg	94				63	104	
Benzyl Alcohol	1800		1800	ug/Kg	100				47	126	
2-Methylphenol	1800		1800	ug/Kg	100				66	122	
2,2-oxybis(1-Chloropropane)	1800		1800	ug/Kg	100				65	110	
Acetophenone	1800		1700	ug/Kg	94				75	111	
3+4-Methylphenols	1800		1800	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	1800		1800	ug/Kg	100				59	119	
Hexachloroethane	1800		1700	ug/Kg	94				65	117	
Nitrobenzene	1800		1600	ug/Kg	89				70	119	
Isophorone	1800		1800	ug/Kg	100				76	122	
2-Nitrophenol	1800		1900	ug/Kg	106				54	145	
2,4-Dimethylphenol	1800		2100	ug/Kg	117				44	135	
bis(2-Chloroethoxy)methane	1800		1800	ug/Kg	100				68	112	
2,4-Dichlorophenol	1800		1800	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1800		1700	ug/Kg	94				57	103	
Benzoic acid	1800		1600	ug/Kg	89				50	104	
Naphthalene	1800		1700	ug/Kg	94				72	110	
4-Chloroaniline	1800		570	ug/Kg	32				10	91	
Hexachlorobutadiene	1800		1700	ug/Kg	94				66	114	
Caprolactam	1800		1800	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1800		1800	ug/Kg	100				57	132	
2-Methylnaphthalene	1800		1800	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	3600		6300	ug/Kg	175				10	175	
2,4,6-Trichlorophenol	1800		1800	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1800		1800	ug/Kg	100				72	117	
1,1-Biphenyl	1800		1700	ug/Kg	94				75	113	
2-Chloronaphthalene	1800		1700	ug/Kg	94				67	118	
2-Nitroaniline	1800		1800	ug/Kg	100				69	127	
Dimethylphthalate	1800		1800	ug/Kg	100				70	113	
Acenaphthylene	1800		1900	ug/Kg	106				79	118	
2,6-Dinitrotoluene	1800		1800	ug/Kg	100				70	125	
3-Nitroaniline	1800		1200	ug/Kg	67				30	99	
Acenaphthene	1800		2000	ug/Kg	111				70	121	
Total PAH	28800	1970	29200	ug/Kg	101				70	121	
2,4-Dinitrophenol	3600		3500	ug/Kg	97				10	155	
4-Nitrophenol	3600		3400	ug/Kg	94				45	133	
Dibenzofuran	1800		1800	ug/Kg	100				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		1900	ug/Kg	106				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3700	ug/Kg	103				55	128	
Diethylphthalate	1800		1900	ug/Kg	106				70	112	
4-Chlorophenyl-phenylether	1800		1800	ug/Kg	100				71	108	
Fluorene	1800		1700	ug/Kg	94				68	116	
4-Nitroaniline	1800		1700	ug/Kg	94				55	120	
4,6-Dinitro-2-methylphenol	1800		2100	ug/Kg	117				10	160	
N-Nitrosodiphenylamine	1800		1900	ug/Kg	106				73	118	
Azobenzene	1800		1900	ug/Kg	106				73	110	
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106				65	121	
Hexachlorobenzene	1800		1800	ug/Kg	100				67	118	
Atrazine	1800		2600	ug/Kg	144	*			79	127	
Pentachlorophenol	3600		3500	ug/Kg	97				47	128	
Phenanthrene	1800	100	1900	ug/Kg	100				52	128	
Anthracene	1800		1900	ug/Kg	106				62	124	
Carbazole	1800		1700	ug/Kg	94				59	119	
Di-n-butylphthalate	1800		2100	ug/Kg	117				69	118	
Fluoranthene	1800	280	1800	ug/Kg	84				44	125	
Benzydine	3600		2500	ug/Kg	69				10	119	
Pyrene	1800	280	1800	ug/Kg	84				26	142	
Butylbenzylphthalate	1800		2700	ug/Kg	150	*			64	126	
3,3-Dichlorobenzidine	1800		1600	ug/Kg	89				33	116	
Benzo(a)anthracene	1800	200	2000	ug/Kg	100				71	114	
Chrysene	1800	180	2000	ug/Kg	101				57	121	
bis(2-Ethylhexyl)phthalate	1800		2900	ug/Kg	161				42	169	
Di-n-octyl phthalate	1800		2500	ug/Kg	139				23	175	
Benzo(b)fluoranthene	1800	310	2200	ug/Kg	105				67	121	
Benzo(k)fluoranthene	1800	110	1900	ug/Kg	99				57	134	
Benzo(a)pyrene	1800	260	2200	ug/Kg	108				70	142	
Indeno(1,2,3-cd)pyrene	1800	120	1500	ug/Kg	77				40	129	
Dibenz(a,h)anthracene	1800		1400	ug/Kg	78				43	123	
Benzo(g,h,i)perylene	1800	130	1300	ug/Kg	65				24	125	
1,2,4,5-Tetrachlorobenzene	1800		1700	ug/Kg	94				69	124	
1,4-Dioxane	1800		1400	ug/Kg	78				46	112	
2,3,4,6-Tetrachlorophenol	1800		1800	ug/Kg	100				69	112	
1-Methylnaphthalene	1800		1700	ug/Kg	94				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3905-05MSD		Client Sample ID: COMP-1MSD		DataFile: BF139298.D							
n-Nitrosodimethylamine	1800		1700	ug/Kg	94		5		66	124	20
Pyridine	1800		1600	ug/Kg	89		7		45	119	20
Benzaldehyde	1800		570	ug/Kg	32		3		10	86	20
Aniline	1800		1500	ug/Kg	83		0		10	88	20
Phenol	1800		1800	ug/Kg	100		6		67	126	20
bis(2-Chloroethyl)ether	1800		1800	ug/Kg	100		0		54	125	20
2-Chlorophenol	1800		1800	ug/Kg	100		0		79	107	20
1,2-Dichlorobenzene	1800		1800	ug/Kg	100		6		61	105	20
1,3-Dichlorobenzene	1800		1700	ug/Kg	94		5		62	101	20
1,4-Dichlorobenzene	1800		1700	ug/Kg	94		0		63	104	20
Benzyl Alcohol	1800		1900	ug/Kg	106		6		47	126	20
2-Methylphenol	1800		1800	ug/Kg	100		0		66	122	20
2,2-oxybis(1-Chloropropane)	1800		1800	ug/Kg	100		0		65	110	20
Acetophenone	1800		1800	ug/Kg	100		6		75	111	20
3+4-Methylphenols	1800		1800	ug/Kg	100		0		66	104	20
N-Nitroso-di-n-propylamine	1800		1800	ug/Kg	100		0		59	119	20
Hexachloroethane	1800		1800	ug/Kg	100		6		65	117	20
Nitrobenzene	1800		1700	ug/Kg	94		5		70	119	20
Isophorone	1800		1900	ug/Kg	106		6		76	122	20
2-Nitrophenol	1800		2000	ug/Kg	111		5		54	145	20
2,4-Dimethylphenol	1800		2200	ug/Kg	122		4		44	135	20
bis(2-Chloroethoxy)methane	1800		1800	ug/Kg	100		0		68	112	20
2,4-Dichlorophenol	1800		1900	ug/Kg	106		6		72	118	20
1,2,4-Trichlorobenzene	1800		1700	ug/Kg	94		0		57	103	20
Benzoic acid	1800		1600	ug/Kg	89		0		50	104	20
Naphthalene	1800		1700	ug/Kg	94		0		72	110	20
4-Chloroaniline	1800		540	ug/Kg	30		6		10	91	20
Hexachlorobutadiene	1800		1800	ug/Kg	100		6		66	114	20
Caprolactam	1800		1900	ug/Kg	106		6		51	134	20
4-Chloro-3-methylphenol	1800		1800	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	1800		1800	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	3600		6500	ug/Kg	181	*	3		10	175	20
2,4,6-Trichlorophenol	1800		1900	ug/Kg	106		6		72	117	20
2,4,5-Trichlorophenol	1800		1800	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1800		1800	ug/Kg	100		6		75	113	20
2-Chloronaphthalene	1800		1800	ug/Kg	100		6		67	118	20
2-Nitroaniline	1800		1900	ug/Kg	106		6		69	127	20
Dimethylphthalate	1800		1900	ug/Kg	106		6		70	113	20
Acenaphthylene	1800		1900	ug/Kg	106		0		79	118	20
2,6-Dinitrotoluene	1800		1900	ug/Kg	106		6		70	125	20
3-Nitroaniline	1800		1300	ug/Kg	72		7		30	99	20
Acenaphthene	1800		2000	ug/Kg	111		0		70	121	20
Total PAH	28800	1970	29300	ug/Kg	102		1		70	121	20
2,4-Dinitrophenol	3600		3600	ug/Kg	100		3		10	155	20
4-Nitrophenol	3600		3600	ug/Kg	100		6		45	133	20
Dibenzofuran	1800		1800	ug/Kg	100		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1800		2000	ug/Kg	111		5		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3600		3900	ug/Kg	108		5		55	128	20
Diethylphthalate	1800		2000	ug/Kg	111		5		70	112	20
4-Chlorophenyl-phenylether	1800		1800	ug/Kg	100		0		71	108	20
Fluorene	1800		1800	ug/Kg	100		6		68	116	20
4-Nitroaniline	1800		1800	ug/Kg	100		6		55	120	20
4,6-Dinitro-2-methylphenol	1800		2100	ug/Kg	117		0		10	160	20
N-Nitrosodiphenylamine	1800		2000	ug/Kg	111		5		73	118	20
Azobenzene	1800		2000	ug/Kg	111	*	5		73	110	20
4-Bromophenyl-phenylether	1800		2000	ug/Kg	111		5		65	121	20
Hexachlorobenzene	1800		1900	ug/Kg	106		6		67	118	20
Atrazine	1800		2700	ug/Kg	150	*	4		79	127	20
Pentachlorophenol	3600		3500	ug/Kg	97		0		47	128	20
Phenanthrene	1800	100	1900	ug/Kg	100		0		52	128	20
Anthracene	1800		1900	ug/Kg	106		0		62	124	20
Carbazole	1800		1800	ug/Kg	100		6		59	119	20
Di-n-butylphthalate	1800		2200	ug/Kg	122	*	4		69	118	20
Fluoranthene	1800	280	1800	ug/Kg	84		0		44	125	20
Benzydine	3600		2600	ug/Kg	72		4		10	119	20
Pyrene	1800	280	1800	ug/Kg	84		0		26	142	20
Butylbenzylphthalate	1800		2600	ug/Kg	144	*	4		64	126	20
3,3-Dichlorobenzidine	1800		1600	ug/Kg	89		0		33	116	20
Benzo(a)anthracene	1800	200	2000	ug/Kg	100		0		71	114	20
Chrysene	1800	180	1900	ug/Kg	96		5		57	121	20
bis(2-Ethylhexyl)phthalate	1800		2900	ug/Kg	161		0		42	169	20
Di-n-octyl phthalate	1800		2500	ug/Kg	139		0		23	175	20
Benzo(b)fluoranthene	1800	310	2300	ug/Kg	111		6		67	121	20
Benzo(k)fluoranthene	1800	110	2000	ug/Kg	105		6		57	134	20
Benzo(a)pyrene	1800	260	2200	ug/Kg	108		0		70	142	20
Indeno(1,2,3-cd)pyrene	1800	120	1500	ug/Kg	77		0		40	129	20
Dibenz(a,h)anthracene	1800		1400	ug/Kg	78		0		43	123	20
Benzo(g,h,i)perylene	1800	130	1200	ug/Kg	59		10		24	125	20
1,2,4,5-Tetrachlorobenzene	1800		1800	ug/Kg	100		6		69	124	20
1,4-Dioxane	1800		1500	ug/Kg	83		6		46	112	20
2,3,4,6-Tetrachlorophenol	1800		1900	ug/Kg	106		6		69	112	20
1-Methylnaphthalene	1800		1700	ug/Kg	94		0		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3872-01MS		Client Sample ID: WC-S-07-202409MS					DataFile: BF139305.D				
n-Nitrosodimethylamine	500		480	ug/L	96				10	130	
Pyridine	500		310	ug/L	62				10	109	
Benzaldehyde	500		110	ug/L	22				10	137	
Aniline	500		200	ug/L	40				10	130	
Phenol	500		480	ug/L	96				10	130	
bis(2-Chloroethyl)ether	500		520	ug/L	104				29	141	
2-Chlorophenol	500		540	ug/L	108				23	127	
1,2-Dichlorobenzene	500		500	ug/L	100				61	114	
1,3-Dichlorobenzene	500		480	ug/L	96				65	106	
1,4-Dichlorobenzene	500		480	ug/L	96				55	125	
Benzyl Alcohol	500		540	ug/L	108	*			31	94	
2-Methylphenol	500		520	ug/L	104				37	126	
2,2-oxybis(1-Chloropropane)	500		520	ug/L	104				36	141	
Acetophenone	500		500	ug/L	100				31	164	
3+4-Methylphenols	500		520	ug/L	104				31	127	
N-Nitroso-di-n-propylamine	500		540	ug/L	108				36	147	
Hexachloroethane	500		500	ug/L	100				49	110	
Nitrobenzene	500		480	ug/L	96				62	112	
Isophorone	500		540	ug/L	108				39	146	
2-Nitrophenol	500		560	ug/L	112				30	148	
2,4-Dimethylphenol	500		620	ug/L	124				17	143	
bis(2-Chloroethoxy)methane	500		530	ug/L	106				39	143	
2,4-Dichlorophenol	500		530	ug/L	106				22	146	
1,2,4-Trichlorobenzene	500		490	ug/L	98				66	110	
Benzoic acid	500		440	ug/L	88				10	101	
Naphthalene	500		500	ug/L	100				17	157	
4-Chloroaniline	500		66.2	ug/L	13				10	95	
Hexachlorobutadiene	500		500	ug/L	100				52	125	
Caprolactam	500		420	ug/L	84				10	130	
4-Chloro-3-methylphenol	500		530	ug/L	106				17	148	
2-Methylnaphthalene	500		510	ug/L	102				38	146	
Hexachlorocyclopentadiene	1000		1400	ug/L	140				20	153	
2,4,6-Trichlorophenol	500		540	ug/L	108				78	112	
2,4,5-Trichlorophenol	500		540	ug/L	108				71	111	
1,1-Biphenyl	500		510	ug/L	102				38	154	
2-Chloronaphthalene	500		500	ug/L	100				41	145	
2-Nitroaniline	500		540	ug/L	108				39	151	
Dimethylphthalate	500		570	ug/L	114				42	147	
Acenaphthylene	500		550	ug/L	110				40	141	
2,6-Dinitrotoluene	500		530	ug/L	106				43	148	
3-Nitroaniline	500		280	ug/L	56				10	111	
Acenaphthene	500		560	ug/L	112				37	146	
Total PAH	8000		8300	ug/L	104				37	146	
2,4-Dinitrophenol	1000		840	ug/L	84				14	167	
4-Nitrophenol	1000		960	ug/L	96				10	130	
Dibenzofuran	500		520	ug/L	104				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

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	1000		1060	ug/L	106				50	142	
2,4-Dinitrotoluene	500		530	ug/L	106				50	142	
Diethylphthalate	500		560	ug/L	112				41	148	
4-Chlorophenyl-phenylether	500		510	ug/L	102				38	149	
Fluorene	500		500	ug/L	100				39	144	
4-Nitroaniline	500		450	ug/L	90				27	138	
4,6-Dinitro-2-methylphenol	500		550	ug/L	110				32	175	
N-Nitrosodiphenylamine	500		620	ug/L	124				40	150	
Azobenzene	500		520	ug/L	104				72	112	
4-Bromophenyl-phenylether	500		610	ug/L	122				42	151	
Hexachlorobenzene	500		560	ug/L	112				72	115	
Atrazine	500		810	ug/L	162				20	162	
Pentachlorophenol	1000		1100	ug/L	110				25	139	
Phenanthrene	500		540	ug/L	108				40	147	
Anthracene	500		560	ug/L	112				41	146	
Carbazole	500		520	ug/L	104				37	154	
Di-n-butylphthalate	500		670	ug/L	134				40	151	
Fluoranthene	500		510	ug/L	102				42	146	
Benzydine	1000		180	ug/L	18				10	130	
Pyrene	500		420	ug/L	84				41	149	
Butylbenzylphthalate	500		720	ug/L	144				39	155	
3,3-Dichlorobenzidine	500		440	ug/L	88				10	114	
Benzo(a)anthracene	500		540	ug/L	108				41	147	
Chrysene	500		560	ug/L	112				44	144	
bis(2-Ethylhexyl)phthalate	500		830	ug/L	166	*			33	160	
Di-n-octyl phthalate	500		740	ug/L	148				36	158	
Benzo(b)fluoranthene	500		610	ug/L	122				40	150	
Benzo(k)fluoranthene	500		620	ug/L	124				40	147	
Benzo(a)pyrene	500		600	ug/L	120				42	147	
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86				30	166	
Dibenz(a,h)anthracene	500		430	ug/L	86				23	172	
Benzo(g,h,i)perylene	500		370	ug/L	74				27	167	
1,2,4,5-Tetrachlorobenzene	500		510	ug/L	102				89	102	
1,4-Dioxane	500		400	ug/L	80				38	130	
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108				91	111	
1-Methylnaphthalene	500		490	ug/L	98				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3872-01MSD		Client Sample ID: WC-S-07-202409MSD					DataFile: BF139306.D				
n-Nitrosodimethylamine	500		460	ug/L	92		4		10	130	20
Pyridine	500		310	ug/L	62		0		10	109	20
Benzaldehyde	500		110	ug/L	22		0		10	137	20
Aniline	500		200	ug/L	40		0		10	130	20
Phenol	500		450	ug/L	90		6		10	130	20
bis(2-Chloroethyl)ether	500		510	ug/L	102		2		29	141	20
2-Chlorophenol	500		500	ug/L	100		8		23	127	20
1,2-Dichlorobenzene	500		480	ug/L	96		4		61	114	20
1,3-Dichlorobenzene	500		450	ug/L	90		6		65	106	20
1,4-Dichlorobenzene	500		470	ug/L	94		2		55	125	20
Benzyl Alcohol	500		510	ug/L	102	*	6		31	94	20
2-Methylphenol	500		490	ug/L	98		6		37	126	20
2,2-oxybis(1-Chloropropane)	500		500	ug/L	100		4		36	141	20
Acetophenone	500		490	ug/L	98		2		31	164	20
3+4-Methylphenols	500		490	ug/L	98		6		31	127	20
N-Nitroso-di-n-propylamine	500		520	ug/L	104		4		36	147	20
Hexachloroethane	500		480	ug/L	96		4		49	110	20
Nitrobenzene	500		480	ug/L	96		0		62	112	20
Isophorone	500		530	ug/L	106		2		39	146	20
2-Nitrophenol	500		570	ug/L	114		2		30	148	20
2,4-Dimethylphenol	500		620	ug/L	124		0		17	143	20
bis(2-Chloroethoxy)methane	500		520	ug/L	104		2		39	143	20
2,4-Dichlorophenol	500		520	ug/L	104		2		22	146	20
1,2,4-Trichlorobenzene	500		480	ug/L	96		2		66	110	20
Benzoic acid	500		440	ug/L	88		0		10	101	20
Naphthalene	500		490	ug/L	98		2		17	157	20
4-Chloroaniline	500		54.7	ug/L	11		17		10	95	20
Hexachlorobutadiene	500		500	ug/L	100		0		52	125	20
Caprolactam	500		410	ug/L	82		2		10	130	20
4-Chloro-3-methylphenol	500		520	ug/L	104		2		17	148	20
2-Methylnaphthalene	500		510	ug/L	102		0		38	146	20
Hexachlorocyclopentadiene	1000		1400	ug/L	140		0		20	153	20
2,4,6-Trichlorophenol	500		550	ug/L	110		2		78	112	20
2,4,5-Trichlorophenol	500		540	ug/L	108		0		71	111	20
1,1-Biphenyl	500		520	ug/L	104		2		38	154	20
2-Chloronaphthalene	500		510	ug/L	102		2		41	145	20
2-Nitroaniline	500		550	ug/L	110		2		39	151	20
Dimethylphthalate	500		570	ug/L	114		0		42	147	20
Acenaphthylene	500		540	ug/L	108		2		40	141	20
2,6-Dinitrotoluene	500		530	ug/L	106		0		43	148	20
3-Nitroaniline	500		280	ug/L	56		0		10	111	20
Acenaphthene	500		560	ug/L	112		0		37	146	20
Total PAH	8000		8180	ug/L	102		2		37	146	20
2,4-Dinitrophenol	1000		860	ug/L	86		2		14	167	20
4-Nitrophenol	1000		960	ug/L	96		0		10	130	20
Dibenzofuran	500		520	ug/L	104		0		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF091024

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	1000		1070	ug/L	107		1		50	142	20
2,4-Dinitrotoluene	500		540	ug/L	108		2		50	142	20
Diethylphthalate	500		570	ug/L	114		2		41	148	20
4-Chlorophenyl-phenylether	500		520	ug/L	104		2		38	149	20
Fluorene	500		500	ug/L	100		0		39	144	20
4-Nitroaniline	500		450	ug/L	90		0		27	138	20
4,6-Dinitro-2-methylphenol	500		550	ug/L	110		0		32	175	20
N-Nitrosodiphenylamine	500		600	ug/L	120		3		40	150	20
Azobenzene	500		520	ug/L	104		0		72	112	20
4-Bromophenyl-phenylether	500		590	ug/L	118		3		42	151	20
Hexachlorobenzene	500		540	ug/L	108		4		72	115	20
Atrazine	500		800	ug/L	160		1		20	162	20
Pentachlorophenol	1000		1000	ug/L	100		10		25	139	20
Phenanthrene	500		530	ug/L	106		2		40	147	20
Anthracene	500		550	ug/L	110		2		41	146	20
Carbazole	500		510	ug/L	102		2		37	154	20
Di-n-butylphthalate	500		670	ug/L	134		0		40	151	20
Fluoranthene	500		500	ug/L	100		2		42	146	20
Benzydine	1000		210	ug/L	21		15		10	130	20
Pyrene	500		420	ug/L	84		0		41	149	20
Butylbenzylphthalate	500		740	ug/L	148		3		39	155	20
3,3-Dichlorobenzidine	500		430	ug/L	86		2		10	114	20
Benzo(a)anthracene	500		520	ug/L	104		4		41	147	20
Chrysene	500		550	ug/L	110		2		44	144	20
bis(2-Ethylhexyl)phthalate	500		840	ug/L	168	*	1		33	160	20
Di-n-octyl phthalate	500		730	ug/L	146		1		36	158	20
Benzo(b)fluoranthene	500		630	ug/L	126		3		40	150	20
Benzo(k)fluoranthene	500		590	ug/L	118		5		40	147	20
Benzo(a)pyrene	500		580	ug/L	116		3		42	147	20
Indeno(1,2,3-cd)pyrene	500		430	ug/L	86		0		30	166	20
Dibenz(a,h)anthracene	500		430	ug/L	86		0		23	172	20
Benzo(g,h,i)perylene	500		360	ug/L	72		3		27	167	20
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*	2		89	102	20
1,4-Dioxane	500		390	ug/L	78		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108		0		91	111	20
1-Methylnaphthalene	500		480	ug/L	96		2		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF091024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3905-01	TP-3A	BF139299.D	2-Fluorophenol	150	100.74	67		18	112
			Phenol-d6	150	101.02	67		15	107
			Nitrobenzene-d5	100	72.09	72		18	107
			2-Fluorobiphenyl	100	73.08	73		20	109
			2,4,6-Tribromophenol	150	99.47	66		10	116
			Terphenyl-d14	100	63.97	64		10	105
P3905-03	TP-3B	BF139300.D	2-Fluorophenol	150	98.19	65		18	112
			Phenol-d6	150	96.23	64		15	107
			Nitrobenzene-d5	100	71.66	72		18	107
			2-Fluorobiphenyl	100	73.27	73		20	109
			2,4,6-Tribromophenol	150	93.69	62		10	116
			Terphenyl-d14	100	61.25	61		10	105
P3905-05	COMP-1	BF139296.D	2-Fluorophenol	150	106.13	71		18	112
			Phenol-d6	150	108.16	72		15	107
			Nitrobenzene-d5	100	77.83	78		18	107
			2-Fluorobiphenyl	100	77.82	78		20	109
			2,4,6-Tribromophenol	150	119.30	80		10	116
			Terphenyl-d14	100	81.98	82		10	105
P3905-05MS	COMP-1MS	BF139297.D	2-Fluorophenol	150	93.67	62		18	112
			Phenol-d6	150	96.51	64		15	107
			Nitrobenzene-d5	100	67.52	68		18	107
			2-Fluorobiphenyl	100	67.34	67		20	109
			2,4,6-Tribromophenol	150	106.43	71		10	116
			Terphenyl-d14	100	71.18	71		10	105
P3905-05MSD	COMP-1MSD	BF139298.D	2-Fluorophenol	150	96.70	64		18	112
			Phenol-d6	150	98.49	66		15	107
			Nitrobenzene-d5	100	70.67	71		18	107
			2-Fluorobiphenyl	100	70.66	71		20	109
			2,4,6-Tribromophenol	150	111.35	74		10	116
			Terphenyl-d14	100	69.67	70		10	105
P3906-01	SU-701-COMP-01	BF139302.D	2-Fluorophenol	150	92.77	62		18	112
			Phenol-d6	150	93.08	62		15	107
			Nitrobenzene-d5	100	67.85	68		18	107
			2-Fluorobiphenyl	100	76.49	76		20	109
			2,4,6-Tribromophenol	150	85.19	57		10	116
			Terphenyl-d14	100	60.72	61		10	105
P3906-07	SU-701-COMP-02	BF139303.D	2-Fluorophenol	150	84.90	57		18	112
			Phenol-d6	150	88.25	59		15	107
			Nitrobenzene-d5	100	63.33	63		18	107
			2-Fluorobiphenyl	100	72.78	73		20	109
			2,4,6-Tribromophenol	150	79.84	53		10	116
			Terphenyl-d14	100	57.90	58		10	105
P3906-13	SU-701-COMP-03	BF139311.D	2-Fluorophenol	150	103.30	69		18	112
			Phenol-d6	150	105.36	70		15	107
			Nitrobenzene-d5	100	77.50	77		18	107
			2-Fluorobiphenyl	100	89.31	89		20	109
			2,4,6-Tribromophenol	150	97.69	65		10	116
			Terphenyl-d14	100	70.07	70		10	105
P3907-01	PL-701-COMP-54	BF139310.D	2-Fluorophenol	150	86.37	58		18	112

Surrogate Summary

SW-846

SDG No.: **BF091024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3907-01	PL-701-COMP-54	BF139310.D	Phenol-d6	150	90.04	60		15	107
			Nitrobenzene-d5	100	64.34	64		18	107
			2-Fluorobiphenyl	100	73.21	73		20	109
			2,4,6-Tribromophenol	150	83.89	56		10	116
			Terphenyl-d14	100	58.18	58		10	105
P3907-07	PL-701-COMP-55	BF139312.D	2-Fluorophenol	150	89.81	60		18	112
			Phenol-d6	150	90.81	61		15	107
			Nitrobenzene-d5	100	67.60	68		18	107
			2-Fluorobiphenyl	100	75.92	76		20	109
			2,4,6-Tribromophenol	150	81.39	54		10	116
P3916-01	SU-04-090924	BF139313.D	Terphenyl-d14	100	56.86	57		10	105
			2-Fluorophenol	150	71.74	48		18	112
			Phenol-d6	150	70.43	47		15	107
			Nitrobenzene-d5	100	51.08	51		18	107
			2-Fluorobiphenyl	100	61.98	62		20	109
P3917-01	DN-B-35	BF139301.D	2,4,6-Tribromophenol	150	62.01	41		10	116
			Terphenyl-d14	100	50.33	50		10	105
			2-Fluorophenol	150	70.25	47		18	112
			Phenol-d6	150	70.48	47		15	107
			Nitrobenzene-d5	100	52.63	53		18	107
PB163252BL	PB163252BL	BF139294.D	2-Fluorobiphenyl	100	56.56	57		20	109
			2,4,6-Tribromophenol	150	69.02	46		10	116
			Terphenyl-d14	100	47.30	47		10	105
			2-Fluorophenol	150	116.92	78		18	112
			Phenol-d6	150	112.72	75		15	107
PB163252BS	PB163252BS	BF139295.D	Nitrobenzene-d5	100	81.73	82		18	107
			2-Fluorobiphenyl	100	77.18	77		20	109
			2,4,6-Tribromophenol	150	127.21	85		10	116
			Terphenyl-d14	100	72.82	73		10	105
			2-Fluorophenol	150	131.31	88		18	112
			Phenol-d6	150	129.79	87		15	107
			Nitrobenzene-d5	100	94.08	94		18	107
			2-Fluorobiphenyl	100	91.70	92		20	109
			2,4,6-Tribromophenol	150	148.72	99		10	116
			Terphenyl-d14	100	101.02	101		10	105

Surrogate Summary

SW-846

SDG No.: **BF091024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3872-01	WC-S-07-202409	BF139304.D	2-Fluorophenol	150	142.90	95		10	139
			Phenol-d6	150	139.71	93		10	134
			Nitrobenzene-d5	100	106.53	107		49	133
			2-Fluorobiphenyl	100	106.09	106		52	132
			2,4,6-Tribromophenol	150	150.35	100		44	137
			Terphenyl-d14	100	92.40	92		48	125
P3872-01MS	WC-S-07-202409MBF139305.D		2-Fluorophenol	150	141.47	94		10	139
			Phenol-d6	150	135.64	90		10	134
			Nitrobenzene-d5	100	100.88	101		49	133
			2-Fluorobiphenyl	100	101.22	101		52	132
			2,4,6-Tribromophenol	150	143.38	96		44	137
			Terphenyl-d14	100	87.82	88		48	125
P3872-01MSD	WC-S-07-202409MBF139306.D		2-Fluorophenol	150	133.99	89		10	139
			Phenol-d6	150	131.27	88		10	134
			Nitrobenzene-d5	100	100.45	100		49	133
			2-Fluorobiphenyl	100	102.07	102		52	132
			2,4,6-Tribromophenol	150	146.34	98		44	137
			Terphenyl-d14	100	88.81	89		48	125
P3872-02	WC-W-07-202409	BF139307.D	2-Fluorophenol	150	117.57	78		10	139
			Phenol-d6	150	112.12	75		10	134
			Nitrobenzene-d5	100	89.99	90		49	133
			2-Fluorobiphenyl	100	92.99	93		52	132
			2,4,6-Tribromophenol	150	136.18	91		44	137
			Terphenyl-d14	100	87.87	88		48	125
P3892-02	ARS20-005	BF139308.D	2-Fluorophenol	150	108.59	72		10	139
			Phenol-d6	150	100.60	67		10	134
			Nitrobenzene-d5	100	86.65	87		49	133
			2-Fluorobiphenyl	100	91.75	92		52	132
			2,4,6-Tribromophenol	150	132.78	89		44	137
			Terphenyl-d14	100	92.93	93		48	125

Surrogate Summary

SW-846

SDG No.: **BF091024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3853-01	252805	BF139309.D	2-Fluorophenol	150	56.47	38		10	139
			Phenol-d6	150	37.36	25		10	134
			Nitrobenzene-d5	100	79.36	79		49	133
			2-Fluorobiphenyl	100	86.58	87		52	132
			2,4,6-Tribromophenol	150	115.43	77		44	137
			Terphenyl-d14	100	72.72	73		48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091024

Lab Code: CHEM

SAS No.: BF091024 SDG NO.: BF091024

Lab File ID: BF139292.D

DFTPP Injection Date: 09/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.8
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.4
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	15.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139293.D	09/10/2024	11:30
PB163252BL	PB163252BL	BF139294.D	09/10/2024	12:20
PB163252BS	PB163252BS	BF139295.D	09/10/2024	12:49
COMP-1	P3905-05	BF139296.D	09/10/2024	13:30
COMP-1MS	P3905-05MS	BF139297.D	09/10/2024	13:59
COMP-1MSD	P3905-05MSD	BF139298.D	09/10/2024	14:29
TP-3A	P3905-01	BF139299.D	09/10/2024	14:58
TP-3B	P3905-03	BF139300.D	09/10/2024	15:29
DN-B-35	P3917-01	BF139301.D	09/10/2024	15:58
SU-701-COMP-01	P3906-01	BF139302.D	09/10/2024	16:28
SU-701-COMP-02	P3906-07	BF139303.D	09/10/2024	16:58
WC-S-07-202409	P3872-01	BF139304.D	09/10/2024	17:28
WC-S-07-202409MS	P3872-01MS	BF139305.D	09/10/2024	17:59
WC-S-07-202409MSD	P3872-01MSD	BF139306.D	09/10/2024	18:29
WC-W-07-202409	P3872-02	BF139307.D	09/10/2024	18:59
ARS20-005	P3892-02	BF139308.D	09/10/2024	19:29
252805	P3853-01	BF139309.D	09/10/2024	20:00
PL-701-COMP-54	P3907-01	BF139310.D	09/10/2024	20:29

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF091024

Lab Code: CHEM

SAS No.: BF091024 SDG NO.: BF091024

Lab File ID: BF139292.D

DFTPP Injection Date: 09/10/2024

Instrument ID: BNA_F

DFTPP Injection Time: 11:00

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.8
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	40.4
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	48.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	15.8 (19.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SU-701-COMP-03	P3906-13	BF139311.D	09/10/2024	20:59
PL-701-COMP-55	P3907-07	BF139312.D	09/10/2024	21:29
SU-04-090924	P3916-01	BF139313.D	09/10/2024	22:00